

ROYAL COMMISSION ON LABOUR.

INDEXES.

VOLUME II.

INDEX

TO THE

EVIDENCE

TAKEN BEFORE

GROUPS A., B., & C.

TRADES.

PART I.—GROUP A.

Presented to both Houses of Parliament by Command of Her Majesty.

June 1893.

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BY EYRE AND SPOTTISWOODE,
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1893.

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1893.

ROYAL COMMISSION ON LABOUR.

44, Parliament Street, London, S.W.
September 16th, 1893.

MY LORD DUKE,

I HAVE the honour to submit to you the second volume of the Index of the evidence taken before the Commission, namely, that relating to the Trades investigated by the Commission. Considerations connected with the printing have made it necessary to divide the volume into three parts, corresponding to the Groups A., B., & C.

An attempt has been made to afford, by means of this Index, a complete review of the Labour Question under each trade so far as the oral evidence is concerned. With regard to the written evidence it is perhaps as well to point out that at the end of the volume published by the Commission on the Rules of Associations of Employers and of Employed, a complete review is given in an appendix of the written evidence received by the Commission on the subject of Trades with references to the oral evidence.

I am,

Your Grace's obedient Servant,
GEOFFREY DRAGE,
Secretary.

To

His Grace the Duke of Devonshire, K.G.,
Chairman of the Royal Commission on Labour.

TABLE OF CONTENTS.

| | Page |
|---|------|
| Blast Furnaces - - - - - | 5 |
| Brass Founders - - - - - | 8 |
| Coal Mining - - - - - | 8 |
| Coke-making - - - - - | 28 |
| Outlery - - - - - | 29 |
| Engineering - - - - - | 32 |
| Hardware - - - - - | 35 |
| Iron and Steel (manufactured) - - - - - | 40 |
| Iron Mining - - - - - | 45 |
| Metal Smiths - - - - - | 47 |
| Royal Arsenals and Ordnance Store - - - - - | 49 |
| Ship-building - - - - - | 50 |
| Slate - - - - - | 61 |

TRADES INDEX.

GROUP "A."

BLAST FURNACES.

Witnesses :

Employed : Carlton, Thomas (14,138-261) ; Jones, Evan (15,655-830) ; Rudman, John (15,859-902) ; Snow, William (13,916-14,137) ; Vickers, Charles (14,262-412) ; Walls, Patrick (14,413-459).

Employers : Bell, Hugh (14,509-648) ; Dennington, John (14,460-508) ; William, Iltyd (14,649-752).

Districts and places referred to :

Acklam Furnace : 14,240.
 Askam (*North Lancashire*) : 13,950 ; 13,958.
 Ayrshire : 14,455.
 Barrow (*Lancashire*) : 13,963.
 Blaenavon (*Monmouth*) : 15,737.
 Cargo Fleet (*Cleveland*) : 14,240.
 Carlin Furnace (*Cleveland*) : 14,240.
 Carnforth (*Lancashire*) : 14,435 ; 14,444.
 Cleveland (*Yorkshire*) : 13,917 ; 13,963 ; 13,968 ; 13,979 ; 13,997-8 ; 14,041 ; 14,052 ; 14,058 ; 14,065 ; 14,077 ; 14,082 ; 14,139 ; 14,148 ; 14,163-70 ; 14,174 ; 14,182 ; 14,208-9 ; 14,321 ; 14,465 ; 14,513-5 ; 14,523 ; 14,570 ; 14,597 ; 14,625 ; 14,720.
 Consett Works (*Cleveland*) : 14,240.
 Cumberland : 13,917 ; 13,920 ; 13,948 ; 13,952-9 ; 13,963-5 ; 13,977 ; 14,007 ; 14,041 ; 14,052 ; 14,080 ; 14,088 ; 14,209 ; 14,418-20 ; 14,559 ; 14,678-80.
 Cumberland, West : 14,679-80 ; 14,697 ; 14,701 ; 14,739-41.
 Darwen (*Lancashire*) : 13,951.
 Derbyshire : 13,917.
 Durham : 13,917 ; 13,963 ; 13,977 ; 13,997 ; 14,139 ; 14,148 ; 14,464 ; 14,540 ; 14,590-2.
 England : 13,977 ; 14,019 ; 14,320 ; 14,329.
 Glasgow (*N. B.*) : 14,052 ; 14,317 ; 14,559 ; 14,599.
 Jarrow Works (*Cleveland*) : 14,240.
 Jarrow Furnace (*Cleveland*) : 14,164 ; 14,489 ; 14,642.
 Lackerby Works (*Cleveland*) : 14,240.
 Lancashire : 13,917 ; 13,920 ; 13,948 ; 13,952-8 ; 13,963 ; 13,997 ; 13,007 ; 14,077 ; 14,080 ; 14,088 ; 14,209 ; 14,418.
 Langloan Works : 14,297.
 Lanarkshire : 14,455.
 Lincolnshire : 13,917 ; 14,678.
 Linthorpe Works (*Cleveland*) : 14,240.
 Middlesborough (*Yorkshire*) : 14,012 ; 14,163 ; 14,249 ; 14,649 ; 14,675 ; 14,684 ; 14,720.
 Millom Works (*Cumberland*) : 13,951 ; 13,958.
 Newport Works (*Cleveland*) : 14,240.
 Northamptonshire : 14,678.
 Northumberland : 14,540-1 ; 14,592.
 Ormesby Works (*Cleveland*) : 14,240.
 Plate and Bar Mills (*Cumberland*) : 14,703.
 Port Clarence Works (*Cleveland*) : 14,240 ; 14,512.
 Rail Mill (*Cumberland*) : 14,703.
 Scotland : 13,917 ; 13,922 ; 13,947 ; 13,957-8 ; 13,984-6 ; 14,019 ; 14,050 ; 14,082 ; 14,084 ; 14,209 ; 14,268-72 ; 14,281 ; 14,288-96 ; 14,306 ; 14,321-3 ; 14,329-31 ; 14,599 ; 15,866.
 Seaton Carew Works (*Cleveland*) : 14,240.
 Shropshire : 13,917 ; 13,976.

Districts and places referred to—continued.

South Bank Works (*Cleveland*) : 14,240.
 Staffordshire : 13,917 ; 14,209.
 Tee's and Thornaby Works (*Cleveland*) : 14,240.
 Ulverston (*Lancashire*) : 13,950 ; 13,963-4 ; 14,034 ; 14,435.
 United Kingdom : 14,016 ; 14,418 ; 14,465.
 Wales, South : 14,590 ; 15,864.
 Walker-on-Tyne Works (*Cleveland*) : 14,512.
 Whitehaven (*Cumberland*) : 13,964.
 Wigan (*Lancashire*) : 13,951.
 Yorkshire : 14,464.

Accidents :

Causes of : 14,035-7 ; 14,290 ; 14,744-52.
 Coroner's inquests re ; none in Scotland : 13,984 ; 14,084-7 ; 14,294 ; 14,329-31.
 Fatal : 13,978 ; 14,174 ; 14,293 ; 14,435.
 Further inquiry into, advocated : 13,978-84 ; 14,293-4 ; 14,435-6.
 Prevention of : 13,978-82 ; 14,174 ; 14,434.

Acts of Parliament :

Factory and Workshop Acts : 13,979 ; 13,982 ; 14,031 ; 14,086-7 ; 14,221 ; 14,295 ; 15,867-9.

Allowances (see under *Employed*).

Arbitration and Conciliation :

Arbitration : 14,492 ; 14,567-80 ; 14,608.
 Compulsory : 13,985-90 ; 14,124-30 ; 14,188 ; 14,223 ; 14,635-7 ; 14,646-8.
 Refused : 13,958 ; 13,985.
 State Boards of, deprecated : 14,127-8 ; 14,645.
 Joint committees : 14,532 ; 14,579.
 Awards of : 14,615-6 ; 14,646-8.
 Barrow and Ulverston : 13,963-4.
 Cleveland and Durham : 13,963 ; 14,178-9 ; 14,184-8 ; 14,468 ; 14,474-83 ; 14,488 ; 14,500-1 ; 14,566 ; 14,597 ; 14,615-6 ; 14,368-9.
 Cumberland and North Lancashire : 14,426 ; 14,437.

Associations :

Of Employed :

Cleveland and Durham Blast Furnacemen's Association : 14,138-42 ; 14,163 ; 14,176 ; 14,182.
 Enginemen's and Cranemen's Association : 14,498 ; 14,529-30 ; 14,605 ; 14,615-6.
 National Association of Blast Furnacemen : 13,916-9 ; 13,958 ; 13,960-3 ; 13,993-8 ; 14,008-9 ; 14,012 ; 14,014 ; 14,043 ; 14,052 ; 14,080-1 ; 14,263-4 ; 14,270-1 ; 14,281-93 ; 14,312-8 ; 14,386 ; 14,397-9 ; 14,413-6 ; 14,444-5 ; 14,486 ; 14,496-501 ; 14,506-8 ; 14,529-31 ; 14,577-9 ; 14,606 ; 14,609 ; 14,682-3 ; 14,698.

Of Employers :

Cleveland Iron Masters' Association : 14,460-70 ; 14,476 ; 14,484-5 ; 14,489-90 ; 14,511 ; 14,514 ; 14,529-30 ; 14,609 ; 14,651 ; 17,370 ; 17,456.

Capital : 13,991-2 ; 14,523 ; 14,547.

Compensation : 14,293; 14,529.

Competition : 13,973; 14,028; 14,054-6; 14,121; 14,210; 14,675-8.

Co-operation :

Co-operative stores in connection with works; 14,303-10; 14,347-66; 14,378-96.

Objections to: 14,303-4; 14,309-10; 14,352-3; 14,382; 14,395-6.

Double Shift System (see under *Employment*).

Eight Hours' Day :

Abandoned: 14,166-71.

Advantages of: 13,947; 14,011; 14,164-5; 14,194-205; 14,421; 14,425; 14,432-3; 14,437.

Advocated: 14,003-4; 14,008-9; 14,012; 14,043.

Applicability of, to trade: 13,947.

Efforts to obtain: 14,082-3; 14,163-4; 14,206-10; 14,682-3; 14,686; 14,722.

In operation: 13,948-56; 13,959; 14,005-7; 14,418-22; 14,426; 14,678-9; 17,471-5.

Objections to: 13,977; 14,010-1; 14,041-2; 14,209-10; 14,673-7; 14,679-81; 14,683-714.

State interference in, considered: 14,012-3; 14,043-4; 14,083; 14,209.

Employed :

Allowances to: 13,976-7.

Classes of:

Chargers: 13,939-40; 14,001; 14,104-5; 14,119; 14,153-5.

Enginemen and pig-bed men: 13,943-4; 14,000-1; 14,323-8; 14,668-72.

Fillers and loaders: 13,934-8; 14,110-8; 14,149; 14,154; 14,290-2; 14,321; 14,685; 14,723-33.

Keepers and slaggers: 13,931-3; 13,940-1; 14,106-9; 14,163; 14,668-72.

Spare and by-turn men: 14,023; 14,163; 14,199-205; 14,233; 14,245-51; 14,715-7.

Complaints of: 13,976-7; 14,135-6.

Re conditions of employment: 14,163; 14,174-5; 14,209; 14,217-9; 14,290-3; 14,370-4; 14,406; 14,438; 14,448.

Co-operative stores: 14,303-4; 14,309-10; 14,352-3; 14,382; 14,395-6.

Employers: 14,028; 14,121; 14,163; 14,174; 14,223; 14,281-3; 14,355; 14,448.

Hours, excessive: 13,945; 13,958; 14,290; 14,439; 15,701; 15,716-21; 15,766-9.

House tenure: 14,300-1; 14,334-8; 14,345; 14,366.

Wages, rate of: 13,956; 14,047-50; 14,122-3; 15,719-20; 15,866; 15,897-902.

Contract of service: 14,300-1; 14,344-6; 14,367-74; 14,489-91; 14,528; 14,572-6; 14,635-41.

Dismissal of: 14,163; 14,180; 14,253; 14,301; 14,338-46; 14,367; 14,403-5; 14,444; 14,528.

Experience of: 14,139-47; 14,263-6; 14,375; 14,440.

Foreign labour: 14,449-59.

Health of: 13,945; 14,023; 14,439; 14,671; 14,687.

Number of: 14,152; 14,241-4; 14,267-9; 14,320; 14,322; 14,415; 14,466; 14,685.

Relations with employers: 14,176-7; 14,281-2; 14,317-8; 14,397-400; 14,437; 14,489-91; 14,493; 14,528-31; 14,547; 14,576-8; 14,644; 14,742; 15,737-8.

Rules *re*: 14,297; 14,361-74; 14,406; 14,412.

Sobriety of: 14,245; 14,310; 14,370-2; 14,401-4; 14,409; 14,432-3.

Employers :

Attitude of, to limitation of hours: 14,082; 14,163-4; 14,208-9.

Organisation: 14,182-3; 14,281-2; 14,286; 14,317-8; 14,397-8; 14,489; 14,578; 14,609-10; 14,615-6.

Black list: 14,445; 14,493.

Employers—continued.

Compensation and: 14,293; 14,529.

Competition of: 13,973; 14,028; 14,054-6; 14,121; 14,210.

Firms of: 14,148; 14,465-7; 14,509-14; 14,649-52.

Profits and losses of: 14,047; 14,456-7; 14,583-8; 14,611-4; 14,617-9.

Sliding scales, see subject heading.

Relations with employed (see under *Employed*).

Employment :

Dangerous: 14,035-6; 14,290-3.

Laborious: 13,935-9; 14,110-8; 14,163; 14,174; 14,290; 14,439; 14,657-62; 14,671-2; 14,687; 14,723-33.

Lodging and rent: 14,300-1; 14,332-46; 14,366-70; 14,400; 14,404-12.

Insanitary and unhealthy conditions of: 14,163; 14,217; 14,438-9; 14,446-8.

Regularity of: 14,202; 14,668.

Rules of: 14,038-40; 14,297-300; 14,358-66; 14,406-12.

Shifts, changing and overlapping of: 14,163; 14,273-8; 14,321-8; 14,718-20; 15,742.

Day and night: 13,920-2; 13,959; 14,136; 14,195; 14,471; 14,658.

Three (see *Eight Hours' Day*).

Sub-contract system: 14,600-2.

Inspection :

Want of: 13,978-84; 14,030-4; 14,086; 14,174; 14,220-2; 14,293-6; 14,434-6; 14,746-7.

Labour :

Days worked per week: 13,920; 13,931-4; 14,163; 14,654; 14,715-6; 14,736-8.

Hours :

Complaint of long: 13,945; 14,023; 14,048; 14,080-3; 14,101-9; 14,163; 14,290; 14,326; 14,439; 15,701.

Nine per day: 13,920; 13,931-4; 14,163; 14,655; 14,715-6; 14,736-8.

Twelve or fourteen per day: 13,920; 13,930-4; 13,937-9; 13,941-4; 13,999; 14,002; 14,023; 14,048; 14,101-9; 14,163; 14,272; 14,319-20; 14,471; 14,657-62; 14,667-8; 14,684; 15,702-3; 15,740-1; 15,786-9.

Meals and resting times: 13,929; 14,002-3; 14,102; 14,109; 14,136-7; 14,163; 14,471-3; 14,657; 14,667-70; 14,684.

Rules *re*: 14,297; 15,864-5.

Strikes *re*: 13,947; 13,958; 13,985; 14,206-7; 14,283-4.

Sunday work, 24 or 16 hours of: 13,920-9; 13,947; 13,959; 14,019-21; 14,098; 14,131; 14,180-1; 14,279-80; 14,427; 14,471; 14,656; 14,658; 14,718-21; 15,715-21; 15,742; 15,864.

Abolition of, desired: 14,015-8; 14,131-7; 14,211-5; 14,224-8; 14,428-30; 14,443.

Abolition of, objected to: 14,211; 14,229-32; 14,655; 14,663-5; 14,752.

Lodging and Rent (see under *Employment*).

Out-put (see under *Production*).

Overtime (see under *Labour*).

Production : 14,446-7; 14,319-23; 14,739-42.

Districts, pig-iron making: 13,917; 13,950-1; 14,589-92.

Furnaces :

Blown out: 14,179; 14,189-90; 14,259-62; 14,679-80; 14,697-701; 14,739-41.

Damping down on Sundays, disastrous effect of: 14,211; 14,229-32; 14,655; 14,663-4; 14,704; 14,744-52.

Production—continued.

Damping down on Sundays, possibility of: 14,016-8; 14,098-100; 14,131-7; 14,211-5; 14,224; 14,229-32; 14,428-30; 14,443.

Tapping: 14,104-9; 14,376-7.

Working of: 13,924-5; 13,932-44; 14,936; 14,004; 14,163; 14,200; 14,274-6; 14,323-8; 14,542; 14,654.

Output: 14,241-4; 14,465; 14,513; 14,597-9; 14,652-3.

Prices of: 14,049; 14,542; 14,581-7; 14,619; 14,711-4.
(See also under *Sliding Scales*.)

Trade: 13,991-2; 14,163; 14,179; 14,189-91; 14,202; 14,253-62; 14,597-9.

Relief Funds : 14,358.**Remedies :**

Arbitration, compulsory : 13,985; 14,223.

Co-operation, to be independent of employers : 14,310.

Inquests in Scotland, advocated : 14,294; 14,328-31; 14,435.

Production, casting process in : 14,324-8.

Sanitation :

Excellent : 14,174-5.

Insanitary conditions : 14,163; 14,174; 14,217-22; 14,334-7; 14,438.

Lighting, bad : 14,174; 14,221.

Lighting, excellent : 14,174-5.

Sliding Scales (Generally) : 13,969-70.

Advantages of: 13,966; 13,973; 14,029-30; 14,177; 14,481.

Agreements, notice of termination of: 14,503-4.
" violation of: 14,638-42; 14,644.

Applicability of, for certain trades : 14,542; 14,620-3; 14,634.

Application of: 14,536-7.

Approval of: 13,966; 14,062-4; 14,179; 14,533; 14,541; 14,620-3; 14,634.

Basis of: 13,969-72; 14,156-61; 14,233; 14,515-6.

" ascertainment of: 14,051-7; 14,515; 14,517.

" difficulty in obtaining satisfactory : 13,966.

" quoted and realised prices: 14,517; 14,558-65; 14,593-6.

Deductions *re*: 14,148-50.

Differences in: 14,524-6; 14,537; 14,542.

Disputes and dissatisfaction *re*: 14,528-31; 14,548-50.

" Double jumps " in: 14,519, 14,544-7.

Essentials of: 14,544-7; 14,561.

Formation of: 14,177; 14,469; 14,474; 14,477; 14,502; 14,517-8; 14,520-1.

Improvement in: 14,518-9.

In operation: 13,965; 14,148; 14,432; 14,469-70; 14,515-7.

Interregnum in: 14,469; 14,477; 14,525; 14,535.

Number of: 14,469; 14,517.

Objections to: 13,966; 13,973-5; 14,025; 14,027; 14,077; 14,079; 14,189-93; 14,252-62; 14,551-7.

Organisation and: 14,528-31; 14,542; 14,642-3.

Period of: 14,026; 14,065-6; 14,068-79.

Rate of advance: 14,519; 14,522-3; 14,587-8.

Reduction in rate of: 13,967-9; 14,528-9.

Standard wages in: 14,527; 14,624-7.

Sliding Scales (Generally)—continued.

Termination of: 14,538-41.

Wages, best means of settling: 13,966; 14,024; 14,505; 14,533; 14,634.

Wages, effect upon: 14,025; 14,028; 14,058-62; 14,487; 14,515-6; 14,526; 14,538-9; 14,561-3; 14,634.

When established: 14,067; 14,074; 14,469; 14,474; 14,534.

Sliding Scales. (Individual) :

Cleveland and Durham. (Ironmasters' and Blast-furnacemen's): 914; 1292; 13,965-75; 14,023-30; 14,050-79; 14,143-50; 14,176-9; 14,189-93; 14,233; 14,252-62; 14,470; 14,474-87; 14,502-5; 14,515-30; 14,534-9; 14,551-8; 14,561-5; 14,579; 14,593-7; 14,624-34; 14,639; 14,644.

Cumberland and Lancashire: 915-8; 13,965; 14,052; 14,432; 14,559.

Jarrow: 14,642-4.

Northumberland: 14,540-1.

State Interference (See under *Eight Hours' Day and Remedies*.)**Strikes :**

Askam: 13,958.

Minor: 13,936; 13,976.

Scotch: 13,729-33; 13,958; 13,986; 14,206-7; 14,283-9; 14,364; 15,864-6.

Prevention of: 14,467; 14,494; 14,529.

Trades Unionism :

Employers and: 14,183; 14,281-2; 14,317-8; 14,397-9; 14,489-91; 14,508; 14,528-31; 14,570-8; 14,609-10; 14,635-7.

Hours, efforts to reduce by: 14,012-5; 14,043; 14,080-3; 14,206-10.

Leadership and conduct of business of: 13,936; 14,500-1; 14,605-6; 14,615-6; 14,642.

Origin of: 13,960; 13,993; 13,998; 14,312-4.

Strikes and: 13,958; 14,364.

Unionists and non-unionists: 13,918; 13,994-8; 14,081; 14,268-71; 14,315; 14,415-6; 14,497-501; 14,506-8; 14,528-31; 14,608-7.

Wages : 13,945; 13,991-2; 14,547; 14,584-8.

Analysis of: 14,240.

Average: 13,956; 14,092-7; 14,120; 14,734-8; 15,898-902.

Deductions from: 14,148-50; 14,301; 14,408-12.

Eight Hours' Day and: 13,952; 13,977; 14,010; 14,014; 14,041-2; 14,089-91; 14,423-4; 14,431; 14,694; 14,711-4.

Minimum rate of: 14,023; 14,233-6.

Reduction in: 14,288-9; 14,608-4.

Sliding Scales. (See *Subject Heading*.)

Spare and by-turn men, of: 14,023; 14,172-4; 14,180-1; 14,233-6.

State interference in: 14,044-6.

Sunday rate of: 13,947; 13,958; 13,986-9; 14,424; 15,703-9; 15,718-9; 15,737; 15,742; 15,864-6; 15,897-8.

Time and method of payment of: 13,957; 13,976-7; 14,022; 14,089; 14,119-20; 14,237-40; 14,305; 14,601-2; 14,709-11.

Variation in rate of: 13,952; 14,153-62; 14,288-9; 14,487.

BRASS FOUNDERS.**Witness :**

Caldwell, Thomas (24,557-24,638).

Districts and places referred to :

Belfast: 24,561.
 Birmingham: 24,565; 24,626.
 Dublin: 24,561.
 Edinburgh: 24,558; 24,581.
 England: 24,561; 24,574.
 Essex: 24,606.
 Ireland: 24,561.
 Kent: 24,606.
 Lancashire: 24,612; 24,632.
 Liverpool: 24,567; 24,586; 24,589; 24,597.
 London: 24,557; 24,574; 24,600; 24,612; 24,616;
 24,626; 24,633.
 Manchester: 24,612.
 Middlesex: 24,606; 24,609.
 Newcastle: 24,567; 24,574; 24,577; 24,581-2.
 Scotland: 24,561; 24,574.
 Surrey: 24,606.

Accidents :

Fatal: 24,606-7; 24,629-31.

Apprenticeship : 24,370; 24,600-3.**Associations :**

Amalgamated Engineers' Society: 24,570; 24,588-91;
 24,606; 24,631.
 Birmingham Brass Workers' Association: 24,565;
 24,626-7.
 Liverpool Brass Founders' Society: 24,586.
 London Amalgamated Brass Workers: 24,565.
 London Brass Moulders' Association: 24,565.
 London Scientific Instrument Makers' Society:
 24,565.
 London United Brass Finishers: 24,565-7.
 Scotch Brass Founders' Operative Society: 24,561.
 United Journeymen's Brass Founders' Association:
 24,568-64; 24,570; 24,581; 24,590-1; 24,598-9;
 24,614.

Boy Labour : 24,570; 24,602.

Improvement in training of, advocated: 24,603-5.

Compensation : 24,629-31.**Competition :** 24,570.**Eight Hours' Day :** 24,623-5.**Employed :**

Displacement of: 24,602.
 Engineers, conditions of, followed by brass founders:
 24,567; 24,588-91.
 Grievances of: 24,608; 24,635-6.
 piecework and overtime: 24,570; 24,575; 24,595-7.
 Relations with employers: 24,591-5.

Employers : 24,595-7; 24,602; 24,614.**Employment :** 24,567; 24,577-84; 24,588-91.**Inspection :**

Inspectors, appointment of practical men as, advo-
 cated: 24,607.
 Inspectors, complaints to: 24,609-11.
 Factory Acts and: 24,608; 24,635-8.
 insufficient number of: 24,606.

Labour :

Average hours: 24,567.
 Overtime: 24,575-6; 24,589; 24,594; 24,616-22.
 abolition of, advocated: 24,619-22.

Machinery :

Dangerous and unfenced: 24,606-7; 24,628.

Production :

Inferior goods, of: 24,602.

Sanitation :

Unsatisfactory: 24,612-3; 24,632-4.

Strikes :

Causes of: 24,570; 24,595.
 Cost of: 24,597.
 Number of: 24,570; 24,586-7; 24,595.

Trade Unionism :

Assistance to unemployed members of: 24,570;
 24,599.
 Benefits of: 24,598.
 Effect on strikes of: 24,570; 24,577-80; 24,586.
 Federation and membership of: 24,562-6; 24,581-2.
 Relations with employers: 24,592-4; 24,614.

Wages :

Fluctuation in: 24,574; 24,587-8.
 Increase in: 24,589.
 Overtime, payment for: 24,616-22.
 Piecework: 24,568-71; 24,575; 24,595-7; 24,614-5.
 Standard rate of: 24,572-3.

COAL MINING.**Witnesses :**

Employed : Bennett, John (8700-8853); Evans, Isaac (4388-4957); Evans, William (5521-5731); Jaques, George (3258-3706); Hardie, J. Keir (12,422-13,415); Kerry, William (8576-8699); Lambton, William Henry (2579-2706); Lewis, John (8503-75); Morris, Benjamin (8854-9037); Morgan, David (3942-4387); Nixon, John (2086-2467); Onions, Alfred (4958-5423); Owen, Evan (8360-8457); Paterson, William Hammond (1-383); Richards, Thomas (5424-5520); Small, William (10,157-824); Smellie, Robert (9785-10,156); Steele, William (2468-2578); Thomas, Henry (8458-8502); Weir, John (3707-3941); Wilson, John (384-692); Young, Ralph (2086-2467).

Employers : Baird, Robert (13,416-612); Brain, Frank William Thomas (6601-6709); Caldwell, George (5900-6109); Chambers, Arthur Marshall (8062-8138); Cochrane, Joseph Bramah (10,825-11,077)

Connel, John (13,734-912); Corfield, Frederick Channer (7625-7828); Davies, David Evan (11,394-639); Fairley, William (6710-6884); Hood, Walker (11,382-393); Jenkins, William (12,074-315); John Howell (11,326-381); Jones, Edward (11,640-898); Lamb, Robert Ormston (3124-3249); Macalpine, George Watson (6110-6417); McCosh, Andrew Kirkwood (13,613-733 and 13,913-915); Ray, Jacob (11,078-213); Ridsdale, Langford (5732-81); Sopwith, Arthur (6418-6600); Stobart, Frank (1962-2085); Thomas, Griffith (11,214-325); Thomas, William (11,899-12,073); Weeks, John George (2856-3123 and 3250-87); White, John Puxley (7175-7624); Wilkinson, George William (12,316-389); Wood, Lindsay (1669-1961).

Independent : Atkinson, John Boland (18,640-814); Campbell, George Lamb (8264-8359); Gray, Thomas (12,390-421); Rhodes, Frederick Parker (7829-8061); Robson, Joseph Thomas (8139-8283); Ronaldson, J. Martin (18,815-975).

Districts and places referred to:

Abercarne (*Monmouth*): 4708; 5125; 5215; 5317; 8266.
 Aberdare (*Glamorgan*): 3942; 4013; 4069; 4181; 5579; 5612; 8151; 8463; 11,275; 11,400; 11,761; 12,076; 12,148-9; 12,232.
 Accrington (*Lancashire*): 6110; 6136; 6310.
 Adelaide (*Durham*): 1978.
 Albion (*South Wales*): 4912.
 Alfreton (*Derby*): 8576; 8700.
 Allanton (*Lanarkshire*): 9956-7.
 Altham (*Lancashire*): 6110; 6204; 6221.
 America: 10,755.
 Ardrossan (*Ayrshire*): 12,300.
 Ashington (*Northumberland*): 3289.
 Ashton-under-Lyne (*Lancashire*): 6340.
 Auchinleck (*Ayrshire*): 12,743.
 Austria: 13,360.
 Ayrshire: 3889; 10,824c; 12,424; 12,477; 12,490-1; 12,524; 12,535; 12,548; 12,611; 12,619; 12,633; 12,645; 12,718; 12,743-4; 12,800-2; 12,806; 12,893; 12,969; 12,980; 13,059-60; 13,070; 13,128; 13,149; 13,164; 13,173; 13,178; 13,184; 13,193; 13,209; 13,213; 13,259; 13,266; 13,308-10; 13,384; 13,618-9; 13,685-6; 13,743; 13,913; 18,819-24; 18,829-31; 18,848; 18,859.
 Backworth (*Northumberland*): 3426.
 Baltic (The): 2101; 2245; 13,791; 13,835.
 Barnsley (*Yorkshire*): 7831.
 Bartonholme (*Ayrshire*): 18,826.
 Bebside (*Northumberland*): 2440-1; 2461.
 Bedlington (*Northumberland*): 3179.
 Belgium: 4087; 10,308; 10,473; 10,481; 10,494.
 Bellshill (*Lanarkshire*): 9979.
 Birmingham (*Warwickshire*): 3411.
 Blackburn (*Lancashire*): 6136.
 Blantyre (*Lanark*): 8266; 10,159; 10,229; 10,298; 10,436; 10,589; 10,651; 10,705; 13,591.
 Bogside (*Perthshire*): 9956; 18,865.
 Bora (*Sutherland*): 18,778.
 Bothwell (*Lanark*): 13,591.
 Breconshire: 4346; 4670; 8142.
 Bristol (*Gloucestershire*): 11,986.
 Brynamman (*Carmarthenshire*): 5784.
 Burn Bank (*Lanark*): 10,159.
 Burnley (*Lancashire*): 6136-7.
 Burradon (*Northumberland*): 2440; 2443; 2472.
 Busbie Head (*Ayrshire*): 12,537; 12,827; 18,836; 18,913-4.
 Bwlfa (*South Wales*): 11,146; 12,213; 12,222.
 Cambuslang (*Lanark*): 13,591.
 Cambusnethan (*Lanark*): 13,591.
 Cannock Chase (*Stafford*): 2626; 6423-9; 6443; 6497; 6577; 6728-32; 6756; 6810; 6823; 6831.
 Cardiff (*Glamorgan*): 4249; 4351; 8178; 8360.
 Carmarthenshire: 4346; 4670; 5782; 8142.
 Cheshire: 2626; 5807; 8342.
 Chester: 2528.
 Chesterfield (*Derbyshire*): 8939.
 Choppington (*Northumberland*): 2440; 2448-9.
 Clackmannan (*Clackmannanshire*): 13,743-4; 13,766; 13,789; 13,848.
 Cleveland (*Yorkshire*): 1860-3; 2470.
 Counwood (*Northumberland*): 2450.
 Cramlington, West (*Northumberland*): 2440; 2448.
 Crosshouse (*Ayrshire*): 12,743; 12,827.
 Cumberland: 2470; 2626; 12,812-4; 13,059; 13,070; 13,196; 13,733.
 Cumnock, New and Old (*Ayrshire*): 12,743-4; 12,893.

Districts and places referred to—continued.

Cyfartha (*Glamorgan*): 4159.
 Dalmellington (*Ayrshire*): 12,743; 12,893.
 Del Benwell (*Northumberland*): 2450.
 Derbyshire: 7186; 7242; 7255; 7264; 7372; 7383; 7626; 7635; 7638; 7663-75; 7700; 7717; 7792; 7823.
 Devonshire: 5418.
 Dowlais (*South Wales*): 4159.
 Dreghorn (*Ayrshire*): 12,743.
 Dudley (*Worcestershire*): 2626; 10,839.
 Durham: 4-6; 20; 25; 27; 35; 48; 52-3; 103; 192; 199; 202; 228; 236; 291; 355; 377; 476; 483; 493; 561; 618; 626; 631; 637; 1672-3; 1725; 1865; 1905; 1963; 1969; 2010; 2031; 2258; 2353; 2379; 2401; 2470; 2490; 2585; 2626; 2640; 3202; 3243; 3286; 3591; 3623; 3864; 6577; 6880; 8081; 8132; 8135; 8213; 8274; 8286; 8303; 8312; 8837; 10,288; 10,324; 10,329.
 East Howle (*Durham*): 45.
 Ebbw Vale (*Monmouth*): 5129; 5317; 5475; 5486; 5502; 8511-3; 8519-25; 8538; 8546.
 Edinburgh (N. B.): 3274-5; 4665; 18,671; 18,751-2; 18,776; 18,804.
 Elswick (*Northumberland*): 3266-8; 3343; 3468.
 England: 2469; 2472; 5032; 5082; 7990; 10,061; 10,267; 10,290; 10,368; 10,704; 10,796; 13,302; 13,658; 13,733; 18,694-5.
 Midlands of: 8208; 8342.
 North of: 2539; 2545; 3226; 4212; 4516; 4647; 4915; 5144; 5368; 6661; 6880; 7673; 8073; 8208; 8593; 11,803; 12,406.
 Fairholme (*Lanarkshire*): 9871; 9881.
 Ferndale Valley (*South Wales*): 9266; 8482.
 Fife: 3742; 3744; 3769; 3773; 3777; 3844-5; 3849; 3851-5; 3889-92; 9606; 9966-7; 10,420; 10,824c; 10,600-1; 13,163; 13,196; 13,401; 13,598-601; 13,743-4; 13,766; 13,776; 13,790; 13,848; 13,903; 13,912; 18,776.
 Fifeshire: 2626; 10,689.
 Forest of Dean (*Gloucestershire*): 6601.
 France: 4087; 7989; 10,308; 10,473; 10,481; 10,494; 10,753.
 Gadlys (*South Wales*): 4159.
 Galston (*Ayrshire*): 12,743.
 Garw Valley (*South Wales*): 12,076.
 Germany: 3226; 4087; 7989; 10,308; 10,473; 10,481; 10,494; 10,744-54.
 Glamorganshire: 4346; 4670; 8142; 12,317; 12,336.
 Glasgow (*Lanarkshire*): 13,667; 13,835; 18,831.
 Glenbuck (*Ayrshire*): 12,743-4; 12,893.
 Gosforth (*Northumberland*): 3684.
 Great Britain: 4461; 4513; 10,164; 10,415; 13,462.
 Great Wyrley (*Staffordshire*): 6715.
 Greefsfield (*Lanark*): 10,454.
 Grimsby (*Lincolnshire*): 7991.
 Haddington (*Haddingtonshire*): 18,776.
 Hamburg (*Germany*): 7987-9; 8132.
 Hamilton (*Lanarkshire*): 9938; 10,159; 13,796.
 Hanley (*Staffordshire*): 2634.
 Haydock (*Lancashire*): 8266.
 Herefordshire: 5418.
 Hetton (*Durham*): 2496.
 Heworth (*Durham*): 48.
 Holland: 13,360.
 Hull (*Yorkshire*): 7991.
 Hurlford (*Ayrshire*): 12,743-4.
 Ireland: 5154; 12,980-1; 13,462.
 Kilwinning (*Ayrshire*): 12,685; 12,743.
 Kilmarnock (*Ayrshire*): 12,743.
 Kinross: 3742; 3767; 3773; 18,776.
 Knockterra (*Ayrshire*): 12,538; 13,186; 18,836; 18,858; 18,914-7.

Districts and places referred to—continued.

Lanarkshire: 3774; 3889-92; 9823; 9846; 9855; 9873; 9932; 9938-41; 9958; 9975; 10,035; 10,056; 10,064; 10,159-60; 10,164-5; 10,175; 10,190; 10,229; 10,235e; 10,274-5; 10,284; 10,296; 10,413; 10,420-2; 10,425; 10,469; 10,685-7; 10,824c; 13,162-4; 13,175; 13,187; 13,209; 13,425; 13,473; 13,502; 13,534; 13,627; 13,631; 13,643; 13,662; 13,685-6; 13,743; 13,903; 18,776.

Lancashire: 2379; 2385; 2626; 5807; 5814; 5821-4; 5830-5; 5848; 5890; 5936; 5979; 6075; 6103; 6132; 6153; 6333; 6340-4; 6661; 6687; 8010; 8264; 8266; 8315; 8328; 8342.

Lancashire, North: 6115; 6120; 6136; 6269-71; 6293; 6310-3.

Lanemark (*Ayrshire*): 12,548; 12,766; 18,973.

Larkhall (*Lanarkshire*): 9783-8; 9807; 9814; 9851; 9938; 9956; 9960; 13,591.

Lean Valley (*Nottinghamshire*): 7665.

Leicester: 7178.

Leicestershire: 7184; 7215; 7220; 7242; 7350; 7383; 7624; 7677.

Linlithgow: 18,776.

Liverpool (*Lancashire*): 5154; 6107.

Llanely (*Carmarthen*): 4390.

Llwympia (*Glamorgan*): 4714; 11,235.

London: 2558; 6272; 7192; 7869; 8554; 8900.

Lugar (*Ayrshire*): 12,743.

Mainby (*South Wales*): 11,192-8; 12,222.

Manchester (*Lancashire*): 4665; 5806; 6107; 6340-2.

Mardy (*South Wales*): 11,283-4; 11,301.

Maurice Wood, N.B.: 18,811.

Merryton (*Lanark*): 9871; 9878; 9979; 18,664.

Merthyr (*South Wales*): 3942; 4181; 5615; 8151; 11,215-8; 11,282; 11,400.

Monkwearmouth (*Durham*): 48.

Monmouthshire: 4114; 4124; 4642; 4962; 5032; 5042; 5074; 5429; 5615; 8312; 11,645-6; 11,686; 11,702; 11,711; 11,722; 11,772-4; 11,811; 11,847; 12,317; 12,377.

Morfa (*South Wales*): 4723-5.

Motherwell (*Lanarkshire*): 9938.

Mountain Ash (*Glamorganshire*): 5533.

Muirkirk (*Ayrshire*): 12,744; 12,893.

Neath (*Glamorganshire*): 4388.

Newcastle (*Northumberland*): 2293; 2909; 3082; 3574; 5093; 5154; 6709.

North Seaton (*Northumberland*): 2372.

Northumberland: 355; 1905; 2087-9; 2243; 2263-4; 2269; 2286; 2289; 2331; 2379; 2401; 2429; 2490; 2518; 2523; 2626; 2659; 2860; 2876; 2886; 2982; 2990-3; 3040; 3047; 3130-4; 3139; 3142; 3200-2; 3243-5; 3248-9; 3270; 3274; 3282; 3286; 3574-5; 3591; 3623; 3644; 3680; 3693; 3864; 5083-8; 5111; 6105; 6578; 8055; 8213; 8274; 8286; 8303; 8312; 10,036; 10,288; 13,836-9.

Oaks (*Yorkshire*): 8266.

Ocean Colliery: 12,075; 12,127; 12,248.

Ogmore Valley (*South Wales*): 12,076.

Peebles: 18,776.

Pelton Fell (*Durham*): 332.

Pembrokeshire: 4346; 8142.

Penarth (*Glamorganshire*): 4672.

Pennsylvania (*America*): 10,755.

Plymouth (*Devonshire*): 4159.

Powell Duffryn (*South Wales*): 4159.

Radstock (*Somersetshire*): 2626; 11,986.

Rhondda Valley (*South Wales*): 4181; 4710; 5526; 5612-5; 5602; 5646; 5656; 11,078; 11,096; 11,120; 11,186; 11,285; 11,338; 11,761; 11,966; 12,076.

Rhymney Valley (*South Wales*): 4181.

Risca (*Monmouthshire*): 5136; 5317.

Districts and places referred to—continued.

Rosendale (*Lancashire*): 6136.

Rotherham (*Yorkshire*): 7829.

Rugeley (*Stafford*): 6710.

Ryhope (*Durham*): 2496.

Scotland: 2430; 2626; 3220-2; 3837; 3844; 3849; 3917; 7871; 8208; 10,165; 10,267; 10,290; 10,368; 10,382; 10,409; 10,415; 10,535; 10,650; 10,704; 10,806; 10,928; 12,643; 12,981; 13,159; 13,462; 13,470; 13,649; 13,657; 13,663; 13,667-8; 13,903; 18,644; 18,671; 18,679; 18,702.

Scotland, East: 5154; 18,640; 18,815.

Scotland, West: 13,677; 13,743; 13,748; 13,790; 13,835-6; 13,902.

Seaham (*Durham*): 391; 1783; 2480; 2496.

Seghill (*Northumberland*): 2361; 2440; 3517; 3530.

Sheffield (*Yorkshire*): 9016.

Shetland Isles: 18,777.

Silksworth (*Durham*): 392-3; 487; 591-9; 1785; 1949; 1989-93; 2598.

Somersetshire: 2626; 5418; 10,062.

South Medomsley (*Durham*): 390; 405-7.

Staffordshire, North: 2625; 5115; 5154; 5314; 6661-4; 6738; 6741; 6757; 6765; 6781-2; 6805; 6827; 6838; 6877; 8286; 8306; 8342; 9014.

Staffordshire, South: 2625; 2632; 6661-4; 6723; 6758; 7626; 10,829; 10,837; 10,851; 10,902; 10,928; 10,962-8; 11,016.

Stirlingshire: 3889; 10,824c; 18,776.

Sutherland (*N. B.*): 18,776; 18,780.

Swansea (*Glamorganshire*): 4350-1; 4390; 4672; 11,761; 12,395.

Swanwick (*Derbyshire*): 8576; 8700.

Taibach (*Glamorgan*): 12,390.

Tamworth (*Stafford*): 5732-6.

Thorncliff (*Yorkshire*): 8062.

Todmorden (*Lancashire*): 6310.

Trabnock Colliery (*Ayrshire*): 12,685.

Tredegar (*Monmouth*): 8518.

Tribby (*Ayrshire*): 12,517.

Troom (*Ayrshire*): 12,800.

United Kingdom of Great Britain: 3865-7; 6607; 10,308; 13,807; 13,913.

Ushaw Moor (*Durham*): 390-1; 432.

Vane's Hartley (*Durham*): 390-1; 425.

Waen Llwyd (*South Wales*): 5476.

Wakefield (*Yorkshire*): 7831.

Wales: 2379; 2469; 2528; 2562; 2626; 3220; 4075; 4215; 5082-3; 8342; 10,061; 11,579; 11,738.

Wales, South: 2430; 2980; 4004; 4114; 4124; 4135; 4212-5; 4334; 4341; 4480; 4513-6; 4520-2; 4642; 4888-92; 4924; 5042; 5106; 5146; 5158; 5368; 5615; 6661-4; 7871; 8211-3; 8312; 8342; 11,200; 11,312-6; 11,386; 11,561-3; 11,637; 11,702; 11,711; 11,803; 11,818; 11,834; 12,041; 12,126; 12,170; 12,175; 12,314; 12,331.

Walker (*Northumberland*): 3343; 3348; 3428-9; 3468; 3517; 3530.

Warwickshire: 5747; 7184; 7243; 7635.

Wattstown (*South Wales*): 5604.

Wearmouth (*Durham*): 391; 1784.

West Indies: 10,757; 10,761.

Westminster (*Middlesex*): 5005.

West Moor (*Northumberland*): 3272.

Widdrington (*Northumberland*): 3286.

Wigan (*Lancashire*): 2626; 5804-5; 6107; 6311-2; 6317.

Wiltshire: 5418.

Wingate (*Durham*): 1970; 1997; 2041; 2064.

Wishaw (*Lanark*): 9938.

Woodlands (*Durham*): 390-1.

Districts and places referred to—continued.

Woodside (*Stafford*): 11,020.
 Worcestershire: 10,829; 10,837.
 Worksop (*Nottingham*): 7831.

Accidents:**Causes of:**

Definition of: 2524-5; 11,090; 11,488-9; 11,635.
 Falls (of roof, &c.): 5010; 5056; 5170; 6753; 8216;
 11,086-90; 11,582; 11,867; 12,175-80; 12,273;
 12,406; 18,739-45; 18,848; 18,885.
 Insufficient precautions: 8208-13; 8217-20; 9998;
 10,015-9; 10,112-20; 10,580-6; 10,601-5; 10,697;
 11,317-9; 12,372-6; 12,564; 18,847; 18,894.
 Unskilled labour: 4329-30; 4901; 5050; 5084-8;
 5294; 5786; 8221-3; 8245; 9793; 9998; 10,175;
 10,573-9; 10,608-10; 11,604; 11,625; 12,368-71.
 Various: 2570; 4991; 5174-7; 5387-90; 6753;
 10,245; 10,696; 11,090; 11,868-9; 11,906; 11,928;
 12,023-8; 12,043; 12,194-7; 18,895-7.

Class of men most liable to: 5320-3; 8076; 11,413;
 11,490-5; 11,906.

Compensation for:

Death by: 493; 552-3; 565-8; 2472-5; 5743.
 Owners from: 36; 206-11; 546; 554-7; 2103;
 2472; 2514-8; 5049; 6377-8; 8079; 9841;
 10,119-27; 10,892-906; 12,491-2; 18,654.
 By litigation: 493; 9839-40; 10,236; 12,844-
 50; 18,564-8.
 Relief funds from: 402-3; 527-8; 547-52; 548-51;
 1972-3; 2472-5; 6379-81; 7538-44; 8266-7;
 8287; 8403-5; 8527.
 "Smart money": 207-10; 527-8; 532; 546; 2103;
 2514-5; 10,898-904.
 None: 9842-3; 12,491.
 Widows: 493; 552-3; 2472; 7543; 8267; 8403.
 (See also under *Relief Funds*.)

Coroner's inquests desired in Scotland, *re*: 10,267;
 10,704; 18,679; 18,694-8.

Criminal responsibility for: 12,921-32; 13,364-5.

Explosions: 565; 2472; 8266-7; 10,236; 10,458;
 10,675; 11,515; 11,869; 12,025; 18,826.

Fatal: 2472; 2551; 4461-2; 6808; 8200; 8266-7;
 8518; 10,236-7; 10,703; 11,090; 11,491-3; 11,582-
 6; 11,865-72; 12,025; 12,154-6; 12,521; 18,693;
 18,702; 18,822; 18,847; 18,894.

Hours, effect of, on:

Limitation of: 4883; 5153-73; 11,449-54; 11,513-
 27; 11,745-7; 11,847-9; 11,928; 12,117-24;
 12,258-65.

Long: 4980-3; 5001; 5009-22; 5085-8; 5108-10;
 5377-9; 6046; 11,459; 11,587-93.

Most subject to: 11,456-9; 11,512; 11,907; 11,929-
 37; 11,940; 12,030-9.

Inspection *re*: 4461; 8197-224; 8254-5; 8257-9;
 10,025-8; 10,267; 10,459-67; 10,674-80; 11,874-
 88; 11,934-5; 12,155-6; 12,273-80; 12,368-76;
 12,904-8; 12,924-32; 18,667-702; 18,739-45; 18,751-
 8; 18,826; 18,857.

Inquiry into: 6765; 10,238-45; 10,267; 10,458-60;
 10,681-2; 10,704; 18,679-98; 18,702; 18,792-814;
 18,826-8; 18,955-6.

Insurance against: 5743; 6646-7; 7296-7; 7877-9;
 8306-7; 9840; 12,490.

Higher premiums for miners: 4883; 4927-32;
 6676-82.

Number of: 573; 2472; 5086-8; 5153-66; 6373-6;
 6657; 8208; 11,513-27; 11,906-7; 11,936-7; 12,199;
 12,237; 18,885.

Decrease in: 2427-8; 2571-2; 8257; 8286; 8336-9;
 11,871-3; 12,238-41; 18,901.

Prevention of, beneficial effect in:

Appointment of working-men inspectors: 578-81;
 3250; 4461.

Employment of skilled labour: 11,152-60; 11,998-
 12,004.

Accidents—continued.

Employers' Liability Act: 495; 574-7; 8336-40;
 10,697-8.

Proportion of, among skilled and unskilled men;
 11,920-5; 11,992; 11,491-505; 11,906; 11,941-6;
 12,058-67; 12,072-3.

South Wales, liability to: 5083-8; 5368-76; 8200;
 8211-7; 11,199-206; 11,386-8; 11,561-3; 11,604;
 11,636-9; 11,870; 11,906; 11,989-99; 12,042;
 12,117; 12,156-7; 12,170-80.

Acts of Parliament:**Coal Mines Regulation Act:**

Amendment of, advocated: 583; 4990-1; 5052-6;
 5276-314; 5405-10; 5432; 6198-203; 6250-6;
 9843; 9870-1; 9982; 10,060; 10,088-98; 10,175;
 10,267; 11,169-70; 11,564; 11,576-80; 11,616-8;
 11,630-4; 11,683-5; 11,794; 12,564-5; 12,653-8;
 12,689-95; 12,862-71; 12,909-25; 13,712-5.

Breaches and evasions of: 371; 377-83; 539;
 954-63; 976; 4021-3; 4227; 5466-72; 9793-6;
 9832-5; 9979-81; 10,007; 10,032; 10,056; 10,061-
 3; 10,066; 10,088-98; 10,112-8; 10,235; 10,544-
 86; 10,601-8; 10,702; 11,535-9; 11,976-83; 12,313;
 12,532-6; 12,654-8; 12,663-6; 12,671-5; 13,179-
 86; 18,649-51; 18,662-6; 18,891-4.

Clauses of:

16th: 12,531; 12,859-62;

38th: 3906; 3960; 4224-8; 4695-706; 4986-7;
 5500-1; 5551-3; 5606; 5637-41; 6556-7; 6622;
 6634; 6658-65; 6763-5; 7480-6; 7820; 8014-6;
 8155-6; 9836-9; 10,235-7; 10,636-7; 10,676-80;
 10,683-5; 10,824c; 11,161-3; 11,229-41; 11,252-
 5; 11,259-63; 11,266-74; 11,287-98; 11,352-8;
 11,411-2; 11,805-7; 11,908; 11,947-8; 12,128;
 12,333; 12,543-6; 12,726-7; 12,851-3; 13,652-3;
 18,653; 18,718-28; 18,767; 18,846-7.

39th: 3950; 4021-3; 4115-22; 4191-2; 4987-91;
 5052-7; 5106-7; 5304; 5392-404; 5420-3;
 5430; 5472-4; 6285-90; 6845-9; 6862-3;
 8153-4; 8160-5; 8174-99; 9159; 9793-6;
 11,073; 11,246-8; 11,276-7; 11,324-5; 11,359-
 63; 11,408; 11,479-85; 11,621-4; 11,683-4;
 11,741-2; 11,793; 11,808; 12,318-22; 12,716-
 7; 13,209; 18,644; 18,853.

Prosecutions under: 18,822; 18,829-91; 18,860-3.

Provisions *re*:

Fines and deductions: 456-63; 964-72; 2068-72;
 6273-84; 6302-5; 12,688.

Hours (boy labour): 188; 198-200; 2326-8;
 3072-3; 3382-4; 6190-7; 11,124.

Inspection: 3974; 5604-5; 6634; 6766; 10,683-
 5; 10,824c; 12,281-4; 18,731-2; 18,906.

Responsibility of employers: 6866-8; 7787-93;
 7815-9; 10,120-8; 10,938; 11,000-3; 11,009-
 15; 11,025-34; 11,036-9; 11,073a-7; 11,213;
 12,653; 13,538-45; 13,705-12; 18,761-6; 18,907-
 10.

Rules of collieries, &c.: 1894-5; 6352-6; 7787-
 93; 7815-9; 12,659-68; 18,848-53.

County Councils Act, sanitary inspection under:
 10,080-3; 10,202-6; 10,650.

Employers' Liability Act:

Amendment of, advocated: 497-501; 562-8; 583;
 5457; 8286; 8308-10; 13,288-96; 13,364-5.

Compensation under: 493-4; 558; 2513; 2521-3;
 6370-8; 7658; 8079; 8290-303; 8324-7; 8358-9;
 9840-3; 10,120-5; 10,905-6; 12,844-50; 13,267-
 9.

Contracting out of:

Compulsory: 496; 5456-7; 5506-7; 5834;
 5920-9; 8328; 8357; 10,907; 11,716; 11,862;
 12,272.

Opposition of men to: 496; 499-501; 558-60;
 3901-3; 5833-4; 5914; 5949-53; 5978-84;
 6039-43; 6074-83.

Voluntary: 496; 5834-5; 5915-8; 5948;
 6001-5; 6075; 6143-7; 7877-8; 8275-80;
 8308-14; 8424-6; 8572-5; 10,903-4; 11,668;
 11,716.

Acts of Parliament—continued.

Contracts to exclude operation of: 6153-7; 8275-90; 8311-2; 8328-32.

Effect on, number of accidents: 495; 573-5; 2551; 8336-40; 11,697-8.

Owners' subscriptions to relief funds: 2489-91; 2511-3; 2516-20; 2523-7; 2549-51; 5919; 5992; 8300-7; 8315-23; 8423-5; 11,667; 11,823; 11,830; 11,859-64; 12,270-2.

Public Health Act:

Powers of local authorities under: 10,648-50.

Scotch law of 1592, *re* Inspection: 10,246; 10,267; 10,805-22.

Truck Act:

Breaches and evasions of: 3897-900; 9811; 10,040-53; 10,186-90; 10,527-38; 12,696-713c.

Deductions made subject to: 8274; 10,029-33; 10,040-8; 10,179-200; 13,218-9; 13,457; 13,855-72.

Allowances: 5736-43.

Beer: 5430; 10,890; 10,894-6; 10,962-6; 11,051.

Coal:

Free: 327-31; 1972-3; 2591; 5743; 6446; 7350-1; 10,890-1.

Cartage of: 38; 328; 5736; 5743; 7849; 11,758.

Reduced price of: 4155-67; 5324-30; 5635-6; 5859; 7849; 9821-2; 10,052; 11,416-23; 11,656; 11,757-63; 12,345; 12,480; 12,354-5; 13,637; 13,857.

Houses, free: 37-9; 211; 317; 322-4; 362; 569; 2040-1; 2097; 2415-21; 2591; 3762; 3881.

Water and taxes, free: 13,458; 13,634.

Apprenticeship: 5053; 5313; 10,175; 11,723; 12,056.

Advantages of: 6771; 6861.

Mines Regulation Act:

Amendment desired *re*: 9843.

Clause *re*: 9793.

No system of: 263; 6771.

Number of, to be reduced: 3082-4.

Arbitration and Conciliation:

Advantages of: 1864; 6219; 6351; 7614-5.

Advocated: 338; 3096; 4097-9; 6183; 6235; 6249; 6330-6; 6550; 7238-42; 7253; 7309-12; 7594; 7702; 8021.

Deprecated: 1739; 1756-8; 2213; 2998-9; 3096-8; 6182; 6241; 6319; 6348; 6551; 7348-50; 7399-400.

Approval of: 1864; 2193; 6235; 10,717.

Awards of:

Accepted: 1735; 1813-4; 1874; 2194; 6168; 6237; 6329; 7909.

Enforcement of:

Considered: 1735-6; 1865; 1890-2; 1919-22; 1927; 1929; 1951; 1957-60; 6490; 5512-9; 6553.

Legal, advocated: 1866-9; 1896-9; 1927; 1951; 7392-3; 7396; 7678-94; 7702-15; 7821-8; 9023-6; 13,255.

Repudiated by employed: 1821-2; 1871-2; 1875-6; 1924-6; 5700-8; 10,979-81; 11,956-74.

Repudiated by employers: 425-7; 1870; 9013-22.

Cases referred to: 456; 625; 1712-25; 1812; 1873; 2117; 2347; 3212; 4632; 6166; 7218; 7572-3; 7909; 10,824c; 13,842.

Suitable for: 1739; 7514-22; 7528-9; 7595-6; 7608-5; 7,970-1.

Conciliation, Board of:

Advocated: 404; 601; 4976; 5964-6; 5954-6; 5970-7; 6347; 6351; 7866; 7969.

Arbitration and Conciliation—continued.

None in operation: 5784; 5863; 6091; 6312; 8867; 8908.

Joint Committees (see special heading).

Objections to: 3212; 6241.

Offered and declined: 597-8; 602; 2212-3; 2918-28; 3212; 6166; 6241; 7570-2; 13,257-8.

Results of: 2213; 2346-7; 4632-3; 6161-2; 6235-8; 13,842.

Satisfactory working of: 1734; 6235-6; 6320-8; 7600.

State Board of:

Advocated: 8868-74; 8907-21; 9021; 13,255-6.

Deprecated: 601; 1920-2; 1928; 8020-1; 13,847.

Strikes, best means of preventing: 47; 1734; 1864; 3208; 7678; 13,255.

Suggestions *re*: 7365-9; 7395; 7401-2; 7524-9; 8869-74.

Umpires for: 2213; 2347; 4817-21; 7399.

Election of: 7600-2; 7606-7.

Independent, advocated: 4933-6.

State, advocated: 7310; 7368; 7391; 7395-7; 7524-7; 7597-9; 7678-80; 7702-4.

Joint Committees (see special heading).

Associations:**Of Employed:**

Aberdare and Merthyr Miners' Association: 3942-8; 3980; 4006-12; 4049; 4122-4; 4321-5.

Anthracite Miners' Association: 5782-6.

Ayrshire Miners' Union: 12,422-32; 12,447; 12,546; 12,557-66; 12,594-9; 12,606-10; 12,718-20; 12,788-94; 12,821-3; 12,844-9; 12,947-73; 13,095-102; 13,148-71; 13,187; 13,193-5; 13,231-5; 13,250; 13,297-309; 13,397.

Blantyre Miners' Association: 9789; 10,157-64; 10,175; 10-250-8; 10,435-7; 10,449; 10,593; 10,697-8; 13,436-40; 13,482-7.

Cannock Chase Miners' Association: 6442-4; 6497-500; 6526-9; 6554-5.

Derbyshire, Leicestershire, and Warwickshire Miners' Union: 7210-3; 7231-2; 7257; 7263-4; 7318-20; 7331-6; 7681-6; 8702; 8724-35; 8747-65; 8786-99; 8825-53; 8854-66; 8939-61.

Durham Coal Miners' Association: 1-7; 11-32; 40-2; 48-9; 94; 103; 132-5; 202-7; 222; 232-5; 264; 269-75; 233-5; 335; 347-53; 359-61; 384-402; 410-24; 428-40; 478-84; 489-91; 496-512; 522-36; 541-60; 570-2; 584-99; 603-7; 625; 641-59; 672-7; 1692; 1735-7; 1762-5; 1929; 1966; 1987-94; 2005; 2019-21; 2040-8; 2077-83; 8286.

Durham County Colliery Enginemen's Mutual Aid Association: 1692; 1910; 2579; 2584-8; 2595; 2600-4; 2611-6; 2640; 2648-51; 2695-8.

Durham County Mining Federation Board: 1696; 1993-4; 2258-9; 2596-9; 2605-8; 2700; 26,090a.

Fife and Kinross Miners' Association: 3707-14; 3718; 3816-21; 3771-80; 3855-8; 3861; 3887-9; 9967-8; 12,600-5; 13,196-8; 13,762; 13,731; 13,812-5.

Friendly Societies (see under *Relief Funds*).

Joint Committees (see under subject heading).

Lanarkshire Miners' Union: 9786-9; 9846; 9851-61; 9871; 9892-8; 9922; 9932-43; 10,034-9; 10,064-5; 10,158; 10,254; 10,274-96; 10,417-9; 10,449; 13,685.

Lancashire and Yorkshire Miners' Federation: 5812-4; 6336.

Miners' Federation (Scotland): 13,154-8; 13,297.

National Federation of Colliery Engineers: 1942-3; 2580-3; 2625-9; 2634-9; 2695.

Neath, Swansea and Llanelli Miners' Association: 4388-90; 4417-9; 4466-7; 4482-6; 4505-10; 4513; 4639-41; 4801-11; 4822; 4943-7.

Associations—continued.

Northumberland Miners' Mutual Confident Association: 2086-98; 2109-12; 2125-9; 2141-7; 2174-82; 2200; 2242; 2248; 2370-5; 2434-67; 2873; 2909; 2956-74; 2984; 3040; 3049; 3066-7; 3085-9; 3120-3; 3272; 3283; 3362-6; 3380-1; 3457.

Relief funds (see subject heading).

Rhondda Coal Miners' Association: 5521-31; 5554-63; 5581-3; 5700-8.

South Wales and Monmouthshire Miners' Federation: 4958-66; 4996; 5343-58; 5424-32; 5502-5; 5508-15.

South Yorkshire Miners' Union: 7838; 7855-7; 7907.

Staffordshire Miners' Federation: 6722; 6728-9; 6780-5; 6877-8; 10,852-5.

Tamworth Miners' Union: 5752; 5763-90.

Of Employers:

Cannock Chase Coal Owners' Association: 6419-29; 6439-44; 6509-10; 6522-6; 6570-3; 6581; 6599-600.

Derbyshire, Notts, and Leicestershire Colliery Owners' Association: 7180-6; 7190-2; 7236; 7243-4; 7257; 7386; 7625-40; 7665-75; 8861-3.

Durham Coal Owners' Association: 11; 19; 32; 48; 94; 103; 1669-83; 1692; 1696; 1702-12; 1736; 1796-803; 1848; 1947; 1965-6; 1983-5; 1989; 1994; 2019; 2076-80; 2598; 8286; 26,090a.

Fife and Clackmannan Coal Owners' Association: 3715-8; 13,734-9; 13,743; 13,751-2; 13,762; 13,764-82; 13,788-9; 13,809-15; 13,898-902.

Lanarkshire Coal Masters' Association: 9873-7; 10,254-65; 13,417-40; 13,463-4; 13,482-7; 13,493; 13,521-5; 13,528-32; 13,548-52; 13,555-9; 13,585; 13,593; 13,613-6; 13,657; 13,662; 13,686-8; 13,706.

Lancashire and Cheshire Coal Owners' Association: 5803; 5807-26; 5835-7; 5848; 5871; 5963-72; 5986; 6053; 6114-24; 6143-53; 6177-85; 6190-4; 6270-2; 6336-45.

Mining Council of Great Britain: 7181; 7634; 8063.

Monmouthshire and South Wales Colliery Owners' Association: 4410; 4420-8; 4453; 4487; 4506-9; 4642; 4950-5; 5440; 11,641-52; 11,670-2; 11,682; 11,719-21; 11,754-69; 11,884; 11,900-4; 11,959-61.

National Association of Colliery Managers: 6602-41; 6648-51; 6711-7.

Northumberland Coal Owners' Association: 2856-71; 2873; 2881; 2892-6; 2900-8; 2954; 2984; 3040; 3070-1; 3076; 3120-1; 3124-8; 3133-5; 3155-7; 3172; 3186-8; 3193-200; 3208; 3241-2; 3275; 8286.

Rhondda Collieries Officials' Association: 11,078-92; 11,096-102; 11,119; 11,141; 11,214; 11,303-4; 11,350; 11,365-6.

South Staffordshire and East Worcestershire Coal Masters' Association: 10,825-33; 10,858; 10,947-50.

South Yorkshire Coal Owners' Association: 7829-39; 7855; 7869-71; 7907; 7973-7; 8063-7.

Tamworth Coal Owners' Association: 5732; 5735; 5743-54; 5764-6.

Black List:

Abolition of, desired: 439; 467; 668-9; 4823-5; 4938-42; 4994-5; 5429; 5544; 12,718.

"Black Collieries": 4855-61; 4937.

In operation: 234-5; 439; 464-9; 668-71; 1702; 3980; 4242-4; 4376-9; 4449-59; 4482-510; 4660-4; 4992-5; 5429; 5542-50; 9846-50; 10,250-2; 10,723-4; 11,766-74; 12,718-20; 13,546-58.

None in use: 2105; 2595; 3760; 6501; 7567; 9850; 13,489.

Reasons for use of: 1762-7; 3760-1; 3874-5; 13,550-7.

Black List—continued.

State interference *re*, suggested: 4493-510; 4660-4.

Sacrificed members (see under *Trades Unionism*).

Boy Labour:

Accidents to: 1341-2.

Allowance for: 36; 206; 527; 1971; 2069; 2103.

Age of: 258; 3100-6; 6409-14; 6771; 6857-60; 8243; 8592; 8640-2; 11,664.

In factories: 6192-203; 6250-5.

Raising of, deprecated: 3107-15.

Allowance for strikes: 523.

"Boy-turn" system, opposition to: 9790-3; 9946-7; 9983-97; 10,140-1; 10,433-4.

Competition in: 6191-203.

"Darg" system of: 13,187-9.

Difficulty in obtaining sufficient alleged: 2987-8; 3019-39; 3179; 3482-90; 3555-9.

Denied: 12,752-3.

Employment of, nature of: 105; 174-80; 229; 339-40; 608; 2075; 3019-20; 8101-4; 8153; 8582-7; 8593-7; 8642-9; 9790-3; 9944-7; 9952-4; 10,133; 10,135-6.

Health of: 2074; 2329; 3074; 3094; 3704-6; 6256; 6416-7; 8592; 8634-5.

Hours of: 1805; 1970; 2074; 2098; 2158; 2291; 3053-4; 3207; 3240; 3278; 3567; 3702; 3727-8; 4416; 4531-7; 5062-70; 6401-9; 9949-50; 9957; 11,127; 11,142-5; 12,292-313.

Bank to bank: 30; 104; 2011; 2038-9; 3446; 8389; 11,128-9.

Commencing and closing work: 116; 166-9; 2012; 8588; 11,123-6.

Difficulty in reducing: 692; 2014-8; 2030; 2159-64; 2234-5; 2255-9; 2376-94; 2940-1; 2982-9; 3019-39; 3116-9; 3128-9; 3139-40; 3180-5; 3225; 3228-43; 3308; 8589-91; 8598; 8616; 8668-99; 11,130-9.

Former: 115; 181-4; 191; 259; 336; 625; 657; 3042-4; 3176-8; 3205; 3272; 3375-9; 4892; 6880.

Indifference complained of, *re*: 3286; 3369-75; 3413-40.

Lengthening of, deprecated: 3572-3; 3579-85; 3894.

Legal regulation of: 343-6; 626; 3574-86.

Longer than adults: 105; 118-20; 260; 631; 2291; 3254-5.

Mines Regulation Act, *re*: 198; 2326-7; 2988; 3072-3; 3382-3; 3562-71; 3969; 6223-4; 6285; 12,313.

Per week: 168-74; 185-74; 2328; 2988; 4416; 4532; 6259-60; c400-1; 11,139.

Reduction in, advocated: 115; 626; 631-6; 3289-328.

Efforts made to obtain: 115-7; 181; 188-90; 2164; 2240-2; 3040-1; 3057-67; 3141; 3186; 3205; 3249; 3286; 3381-4.

Obtained: 2242; 3045-55; 3141; 3375-80; 3560-1.

Reasons for: 3085-95; 3272-6; 3289-318.

Time taken in obtaining: 192-3; 336; 3040; 3055-67.

Meal-times of: 310-3; 2039; 5780-1; 8589; 8616-22; 8650-6.

Number employed in: 282; 1676-7; 1969-70; 3278-81; 3453; 5060-1; 5889-93; 6222; 12,426; 12,558.

Organisations, as members of: 202; 264; 1971; 3270-1; 12,558-9; 12,747-8.

Saturdays and lost time of: 169; 4535; 8632-3.

Suggestions *re*: 113; 2011; 2160-3; 3289-328.

Training of: 3078-84; 4309; 6771; 8243; 12,749-51.

Wages of: 2954; 6221; 8610-3; 9946-7; 9994; 10,519-20; 13,297.

Exceptional: 3485-6; 3624-5.

Capital :

Capital and labour : 10,394-6; 10,502-17; 10,766-93; 12,777-8; 13,080-5.

Effect of coal rings on : 10,342-66; 10,496-8.

Limitation of profits on : 10,384 : 10,624-7.

Rise in prices on : 8093-100; 8114-20; 10,725-42.

Royalties : 6537-42; 6595-6; 7484-6; 7622-3.

State to intercept : 12,881-5; 12,976-8.

Compensation : 4998.

For accidents, fatal : 493; 552-3; 565-8; 2472; 5743; 7543; 8267; 8403.

Owners from : 36; 206-11; 554-7; 2472; 2514-8; 5049; 6377-8; 8079; 9841; 10,119-27; 10,898-906; 12,491-2; 18,654.

"Smart money" : 207-10; 527-8; 532; 546; 2103; 2514-5; 10,898-904.

See also under *Relief Funds*.

Arbitration awards, monetary penalty to enforce, suggested : 1736; 1890-2; 1896-9; 1919-22; 1951; 1956-9; 1984-5; 1999-2000; 2051-6; 2064-7; 2076-82; 6490; 6512-20.

Associations, from : 1796-8; 1983.

Criminal responsibility in lieu of, suggested : 13,289-96.

Disputes *re* : 1827; 12,924-5.

Paid by employer for stoppage of mine : 1738; 1952-5; 1960-1; 1982.

Competition :

American : 10,761-2.

Disadvantages of : 1994; 3979.

Foreign : 3224-7; 7984-91; 8056-9; 10,308-23; 10,771-2.

See also under *Eight Hours' Day*.

Home : 3220-1; 3225; 3249; 8025-7; 11,816; 12,810-2; 13,378-83; 13,743; 13,832-41.

Trade through depression in : 7578-9; 11,817.

Congresses : 4086.

Miners' Congress, Birmingham : 3411.

Trades Union Congress : 562; 3351-4; 3403; 3551; 3689; 6709.

Newcastle : 13,088; 13,201-4.

Co-operation :

Dairy, successful : 2287; 2370-4.

Stores, co-operative members of : 2286-8; 2292; 2375; 2548; 2552.

Owned by employed : 12,517-8; 13,199-200.

Owned by employers (Ayrshire) : 12,492-516; 12,623-92; 13,618-26.

Unsuccessful collieries : 45; 2125-9; 2195-200; 2206-9.

Views on : 2201-4; 2210.

Double Shift System (see under *Employment*).**Eight Hours' Day :***Legal enactment of :*

Arguments against : 6789-90; 7695-8; 7994-805; 8046; 8077; 8122-3; 8590-8; 8653-7; 11,099-102; 11,186-90; 11,313-6; 11,340-9; 11,368-81; 11,441-59; 11,506-11; 11,686-94; 11,906; 12,096; 12,106-35; 12,359; 13,494-511.

In favour of : 3673; 3677; 3770; 3824-35; 3669; 4034-52; 4123-32; 4650-9; 5057-8; 7890-9; 10,229; 12,776-8; 12,899-902; 12,941-3; 13,052-90; 13,669-76; 18,903.

Ballots *re* : 107-8; 2164; 2634-9; 3281-3; 3351; 3400-12; 3426; 3516-33; 3693-701; 4946; 8603-4; 8626-7; 8659; 8724-35; 8756-74; 8786-95; 8800-8; 8825-9; 8842-6; 8901; 8928-30; 8943; 8962; 8977-81; 9006-11; 9959-64; 10,229; 12,736-45.

Eight Hours' Day—continued.

Bank to bank, from : 683-91; 2701-6; 2990; 3893; 3969; 3974-6; 4076-7; 4109-14; 4593-5; 4752-4; 5234-43; 5554-63; 5610-1; 5786; 5900; 6178-9; 6358; 8919-22; 8900; 8955-63; 11,099-102; 11,186-90; 11,315-6; 11,340-1; 11,370-1; 11,511; 12,096; 12,101-6; 12,324; 13,316-21; 13,465.

Conferences and meetings *re* : 2164; 2634; 3286; 3391-400; 3551-5; 3574; 3693; 4513; 4947; 5005-8; 5127-34; 5617-8; 6270-2; 7306; 7869-71; 7924-52; 7999; 10,657-63; 11,099-102.

Definition of : 4035-6; 5078; 8900; 9002-5.

Desired by employed : 3258-9; 3274-6; 3281; 3286; 3389-91; 3587-8; 3769-70; 3781; 4034-69; 4089; 4417; 4513; 4519-23; 4582-95; 4840-1; 4879-80; 4890; 4979; 5076-8; 5094-7; 5122-34; 5343-8; 5430; 5554-63; 5786; 7886-7; 7945-53; 9027-9; 9823; 9922; 9959-69; 12,566-7; 12,612-3; 13,103-4; 13,196-7; 13,227-9.

By employers : 13,749; 13,806-8; 13,831-5.

Difficulties in the way of : 631-8; 649-67; 2011-5; 2160-9; 2394; 2645-6; 2989; 6178-9; 6468-84; 8067-74; 8085-8; 8668-99; 8889; 10,301; 13,230-1; 13,498-503; 13,744.

Eight Hours' Bill, clause in : 3970-1; 4071-5; 4183-5.

Eight Hours' League : 3349-61; 3682-92; 5092-3.

Elections and : 7888-9.

Establishment of, at any cost : 4178-82; 4763-77; 4896-907; 5251-2; 5610-21; 10,322-3.

Holidays and : 8736-41; 8783-5; 13,471-80.

Inaction of employed towards : 3455-68; 3922-3; 5776-7; 5907; 5934; 6233-4; 6269; 6526; 6817-8; 8982-6; 10,970-1; 11,311.

Opposed by employed : 107-14; 267-8; 626-9; 683-91; 2010-7; 2330; 2388; 2394; 2401; 2429; 2649; 2695-700; 3274-5; 3355-8; 5887; 8599; 8623-5; 8659-67; 8723; 8816-50; 8889; 9030; 11,099-102; 11,130; 11,207; 11,340.

Employers : 2942; 3128; 3218-9; 3442; 4894-6; 6532-6; 6789-90; 7267-9; 7331-3; 7394; 7695; 7868; 8002; 8019; 8122-3; 9922-5; 11,833; 12,267-9; 13,463; 13,494-511.

Penalties for infringement of : 3626-7; 3633-7; 4088; 13,236-43.

Presumed effect of, collieries on : 2169; 4286-90; 6536; 7799-800; 7983; 11,817; 13,510-1.

Employed on : 109-14; 683-91; 2011; 2015; 2164-9; 2394; 2401; 2989; 3914-20; 4900-4; 7994; 11,375; 11,917-9; 13,327-47.

Foreign competition on : 3219-27; 3652-3; 4056-64; 4082-3; 4905-7; 8056-61; 8132; 10,229-35; 10,308-23; 10,744-96; 13,584.

Home trade on : 2169; 3219-26; 3443; 3842-54; 3856-60; 3921; 3924-30; 4284-90; 4902-4; 4948-9; 5024-34; 5187-99; 5903; 6523-5; 6532-6; 7272; 7978-84; 7990; 7992-9; 8025-30; 8093-100; 8132-4; 10,229-33; 10,725-96; 11,046; 11,892; 11,913-6; 11,920; 12,106; 13,832-41.

Output on : 2015; 3222-3; 3659-72; 4130-1; 4326-7; 4947-9; 5027-34; 5043; 5244-50; 6225-7; 6296; 6392-6; 6817; 6853; 7448-56; 7532-6; 7868; 7949; 7954-6; 7974-83; 8000; 8022-4; 8067; 8075-8; 8092-100; 8742-5; 8775-8; 10,229-35; 10,304-7; 11,046; 11,339; 11,376; 11,911; 12,106; 12,130-4; 12,324-9; 12,567-72; 12,615-20; 12,617-22; 12,901-3; 13,052-90; 13,508-9; 13,590; 13,668-70; 13,745-7; 13,881-8.

Production, on cost of : 2011; 2169; 2394-6; 4276-300; 4755-66; 4891-6; 5902; 6228-32; 6359-63; 6394; 6523-5; 6820-2; 6853; 8024; 8075; 10,230-1; 10,305-6; 11,046; 11,686; 11,814-6; 11,910-2; 12,106-12; 12,133-5; 12,253-7; 12,324-31; 12,359-62; 12,408-11; 12,567-72; 12,816; 12,874-7; 13,056-90; 13,321-6; 13,465-81; 13,579-89; 13,650; 13,748-50.

Eight Hours' Day—continued.

Safety and welfare of employed on: 2015; 3931-41; 4774-5; 4789-90; 4979-83; 5000-22; 5035-6; 5098-111; 5159-81; 5209-12; 5232-3; 6294-5; 6790; 6854-5; 7695; 7890; 7982; 7986-90; 8779-82; 8995-8; 10,653; 11,449-59; 11,919-28; 12,096; 12,258-62; 12,331; 12,940; 13,402-7; 13,888.

Trades unionism on: 3861-2.

Unemployed: 3088; 12,617-22; 13,327-33.

Wages on: 2647; 2653-5; 3653-8; 3663; 4131; 4147-50; 4275; 5023; 5041-5; 6296-300; 6532; 6575-6; 6790; 6817-20; 7978-80; 8086; 8614-5a; 8666; 10,970-1; 11,686; 11,919; 12,111-7; 12,135-49; 12,567; 13,105-21; 13,405; 13,590; 13,674; 13,716-25.

Restrictions of: 4280-1; 4294-300; 12,872-3.

Suggestions re working of: 3288-305; 3470-7; 3534-44; 3590-618; 3658-72; 4742-53; 4908-26; 5089-97; 7291-5; 7534-6; 12,568-72; 13,231-7; 13,245-8; 13,691.

Trade and district option re: 3678-83; 3782; 3863-7; 3907-21; 3922-3; 3931-41; 13,201-5; 132,27-35; 13,270-8.

Universal desire for: 3836-41; 4034-70; 4082-7; 4093-5; 8056-61; 10,710-6; 13,402-3; 13,748-50.

Voluntary:

Arbitration and: 7409-11; 7528-9.

Desired by employed: 638; 3356-9; 5887; 6233; 6526-8; 8657-67; 8839-91; 8899; 8901-2; 8922-30; 8944; 8975-6; 10,298-303; 13,193-5; 13,201; 13,249; 13,464-5.

Efforts to obtain: 2650-2; 2659-61; 3186-92; 3217-8; 3274-5; 3776-80; 3855; 3887-92; 4648-9; 5353; 5650-5; 8982-6; 9959; 10,691-3; 10,705; 12,567; 13,502.

Failure of: 3838-40; 4513; 5653; 9823; 10,691-3; 10,705-8; 12,567; 13,098-9.

Eight hours' rule:

Infringement of: 3746-9; 3825-35; 3882-6; 4281; 4294-300; 12,872-3; 13,216.

In operation: 30; 104; 294-5; 1970; 2006; 2615; 2692-4; 3244; 3280; 3323-4; 3770-3; 3855; 4740-2; 5363-7; 5727-31; 5838-40; 5933; 6044; 6137; 6140-2; 6449; 6753; 7884-5; 7915; 7919-21; 7940-1; 8017; 8716-9; 8892-3; 8987-94; 9966-72; 10,298-304; 10,689-92; 10,914; 10,972-5; 11,040; 11,889-91; 11,938; 12,105-6; 12,449; 12,611; 12,812-5; 13,193-8; 13,243-4; 13,643; 13,692-7; 13,738-44.

Limitation of hours:

Not objected to by employers: 336; 5945-7; 6049-50; 7333-9; 7387; 7530-1; 13,502.

Opposed by employers: 2650-2; 2991; 3068-71; 3142; 3186-92; 3274-5; 3777-80; 3838; 4649; 6177-80; 6385; 10,298; 10,598-600; 10,706-7; 11,441; 11,833; 11,906; 12,096-149; 12,324; 12,599; 13,099-102; 13,502; 13,596-601.

Organisation, through: 3855; 9966-72.

Rise in wages instead of: 2615-6; 2648-9.

Trades unionism and: 3382-8; 13,099-102.

Employed:

Accidents to (see subject heading).

Allowances to (see subject heading).

Checkweigher:

Appointment of: 8800-1; 9871; 9979; 10,088-90; 11,949; 12,537-40; 12,551-3; 12,564; 12,765-75; 18,937.

Attitude of employed to: 8731-2; 8760-73; 8803-6; 11,949; 12,049-51.

Employers to: 9979; 9982; 10,054-8; 10,060-3; 12,538; 12,548-50; 12,772-5; 13,705.

Dismissal of: 1877; 8102; 9871; 9979; 10,060; 10,090-8; 12,537-8; 12,546-50; 12,765-7a; 13,707-11.

Duties and position of: 1878-82; 2071; 3754; 4196-200; 8762-4; 8792-3; 10,054; 10,996; 12,830-1; 13,630-2.

Employed—continued.

Increased powers to, advocated: 4199-201; 4229-30; 9871; 9982; 10,683-5.

Inspector's views on: 18,662-6; 18,676-7; 18,835-44; 18,852-3; 18,914-37; 18,946-75.

Suggestions re: 12,564; 13,632-3; 13,705-15; 13,676-7.

Strikes and prosecution re: 9979; 10,095-8.

Unskilled labour and: 5231-2.

Classes of:

Deputies (firemen and overmen): 310-2; 1930; 1989-92; 5381-3; 5401-5; 6747; 8815; 10,003; 10,016; 10,047; 10,112; 10,171; 10,173-5; 10,252; 10,573-9; 10,608-23; 10,928-34; 10,943.

Enginemmen: 295-6; 1915-6; 2620-3; 2640; 2665-82; 2685-91; 2701-6; 5054-6.

Hauliers, stowers, &c.: 4186-90; 4336-9; 5384-9.

Hewers: 105; 228; 288-90; 1700-1; 1978; 2114; 2391-4; 2944; 2986; 3275-6; 3279; 3509; 3540; 3594-6; 3658; 4186-8; 4336-8; 4539-40; 5197-208; 5381-2; 6563-9; 6747; 6753; 7329-30; 7721; 7791-3; 7926; 8010-3; 8032-4; 8054-5; 8076-7; 11,621; 11,044; 12,085-108.

Limmers: 105; 608.

Loaders: 6771; 6835-7.

Officials: 11,595-600; 12,108.

Onsetters: 3444-8; 6747; 8103-5; 12,108.

Putters: 175-80; 608; 1977-8; 1985; 2022-9; 3058; 3279; 3461-6; 6747.

Rolleywaymen: 304-9; 608; 3279; 3385-9; 3444-8; 3509-10; 8103-5.

Stallmen: 7457-9; 7468-76; 7479; 7493-9; 7643; 7720-1; 7790-1.

Stonemen: 105; 290; 2986.

Timbermen: 304; 4186-8; 5384; 6771; 10,175; 11,570; 11,579; 12,044-5.

"Tradesmen:" 15,512-3.

Various: 326; 1697; 1807; 10,175; 12,224-5.

Complaints of, against:

Conditions of house tenure: 3768; 9813; 9881; 10,130-6; 10,200-7; 10,706-7; 12,722-3.

Contractors: 9810; 9998; 10,546-73; 10,063-4; 13,216.

Deductions: 9811; 9871; 10,029; 10,040-8; 10,099; 102; 10,179; 10,185-99; 10,451-6; 10,531-8; 10,587; 10,694-5; 12,688; 18,661.

Employers: 3492; 3662-72; 3979-80; 4224-8; 4450-3; 4493; 4998; 5543; 5566; 9881; 12,430; 13,077-84; 13,098-102.

Insufficient timbering: 9843; 10,005-9; 10,066-7; 10,109-19; 10,580-6; 10,696-8; 12,564; 12,653-66; 12,909-23; 13,656; 18,659.

Insufficient waggons: 5202; 5661; 5664; 9797-808; 9808-9; 9914-7; 10,235a; 12,451-6; 12,479; 12,933-4; 13,094-8; 13,384-96; 13,459; 13,499-500; 13,514-7.

Inspector's views on: 18,659; 18,661-2; 18,667-70; 18,848; 18,886-901; 18,940.

Investigation of: 12,732-4.

Paylines: 3783-806.

Uncertainty of work: 6052; 9796-7; 9808; 9917; 9977-8; 13,459; 13,495-6.

Unskilled labour: 5430; 5661; 9793-6; 9913; 10,175; 10,573-80; 10,608-23; 12,716-7.

Various: 3494-501; 3502-4; 4036-51; 11,806-7.

Violation of regulation of Mines Act: 337-83; 4227-8; 9793-5; 9832; 9970; 10,007; 10,702.

Conditions in old age: 413-4; 443; 1971; 8559-64; 8903.

Pensions for, advocated: 1971-3; 8903-5; 8937; 9031-5; 12,590-1; 13,290-4.

Contract of service of: 3901-3; 5292; 5399-406; 5920; 5986-99; 7477-8; 7499-500; 7559-60; 7644-5; 10,557-64; 10,708-9; 11,068-74; 11,600-3; 11,809-12; 12,367; 13,848-63.

Employed—continued.

Termination of: 441; 1978; 2837; 2958-64; 3740-1; 4464; 9821-3; 10,224-9; 10,709; 11,660; 12,673-4; 13,634-6; 13,751-6; 13,769-76; 13,778-9; 13,825-7; 13,889-93; 13,901; 13,908-12.

Objection to 14 days' notice of: 3736-40; 3895-6; 13,634; 13,751-2; 13,769-79.

Co-operation (see under subject heading).

Discipline of: 1893-4; 6064; 6073; 6090.

Dismissal of: 232-5; 507-9; 1762-78; 1780-1; 1839-44; 1858; 1877; 1893-5; 1930; 7261-6; 7643-8; 8169-76; 9837; 9979; 10,003; 10,167-71; 10,453; 10,676-80; 12,538; 12,544-50; 12,765-72.

Effect of limitation of hours on: 2280; 2290; 2299-300; 2307-20; 2640; 2652; 4280; 4293-500; 4326-7; 5098-100; 5197-200; 5411-2; 5786; 6294-5; 6819-22; 11,588-94.

Eight hours' day and (see subject heading).

Experience of: 1-5; 3260-9; 3341-50; 3590; 4707-16; 5112-21; 5135-8; 5279; 5784; 8363; 8423-9; 8458-73; 8503-5; 8576-81; 8700-2; 8999; 9783-5; 9844-6; 10,268-73; 11,078; 11,095; 11,217; 11,326-31; 11,626-8; 12,728-31.

Foreigners, few: 9843; 10,721-2.

Health of: 3272; 3629; 3931-40; 5000-4; 6047-8; 6294-5; 6613-7; 8076-7; 8200; 8208; 8212; 8634-5; 11,629-30; 11,906; 12,080-4; 12,150-3; 12,197; 12,241; 12,356-8; 13,462; 13,651.

Hours of (see under *Labour*).

Incompetence of firemen, alleged: 1930; 1992; 10,175; 10,573-9; 10,608-18.

Insurance of: 5743; 6046-7; 7296-7; 7877-9; 8306-7; 9840; 12,490.

Higher premium for miners: 4883; 4227-321; 6676-82.

State, advocated: 8903-5; 12,590-1.

Investments and savings of: 2281-8; 2292; 2373; 5784.

Leisure of: 2290-2; 2295-8; 6058-64; 6367; 8987-8.

Limitation of hours (see under *Eight Hours' Day*).

Lodging and rent (see under *Workmen's Dwellings*).

Lost time and holidays (see under *Labour*).

Migration of: 1112; 3130; 3137; 3272; 3891-2; 3949; 4366; 5417-8; 5661; 6105; 6288-9; 6857; 9883; 9901-2; 9912-3; 10,176; 11,906; 11,986-8; 12,367; 13,903-4.

Numbers of: 6; 282; 1675-7; 1801-4; 1967-70; 2089-93; 2141-6; 2410-1; 2865; 3130; 3279; 5060-1; 5490; 1200-6; 5744-8; 5811; 5935; 6119-21; 6428; 6738-9; 7179; 7188; 7591-3; 7636-8; 7801-4; 7835; 8332; 8479; 8750; 8854-6; 8931-3; 9787-8; 9933; 10,162; 11,146; 11,219; 11,329; 11,395-407; 11,477-8; 11,648; 11,942; 12,052; 12,108; 12,180; 12,426; 12,561-2; 12,748-9; 12,947; 13,422-5; 13,913; 18,818-20.

In associated firms: 1675-7; 1801-4; 2865; 6119; 6428; 7835-6; 8078; 10,832; 11,648.

Increase in: 3494; 6856-7; 9909; 11,984-5; 12,367.

Reduction in: 6842-4.

Prosecutions of: 1950-5; 1960-1; 1977-8; 4201.

Punctuality of: 6088-90; 6364-9; 7259.

Relations of, with employers generally: 103; 504-5; 582; 593; 1702; 1787-9; 1839; 1927; 1937; 1947; 2037; 2147; 2183; 2867-8; 2879-81; 2913-6; 2931; 3076; 3127; 3146-7; 3275; 3722-3; 3766-7; 3810-2; 4046-8; 4427-9; 5543-4; 5755; 5762-4; 5819; 5828; 6064-73; 6217-8; 6467; 6550-1; 6774; 6780-8; 7234-7; 7257; 7380; 7511; 7613; 7677; 7900-1; 8082; 8607; 8865-6; 8874-6; 10,231-2; 10,254; 10,292-4; 10,382; 10,422-3; 10,587; 10,978-81; 11,672; 11,854; 12,430; 12,442-3; 12,604-8; 13,627; 13,681-3; 13,703; 13,901-2.

Causes of difference with: 1779; 1842; 1925-30; 1937; 1966; 1978-9; 1985; 1989-94; 2442-3; 3076; 5543; 5566; 5784; 5867-9; 6466; 7236-7; 7677; 7944-6; 8874-6; 9870-1; 9878-9; 10,064; 10,156; 10,199; 10,254; 10,422; 10,587; 10,598-600; 10,979; 11,669; 11,702-4; 11,897; 13,627-9.

Employed—continued.

Skilled: 5786; 8098-100; 8127-31; 11,146-60; 11,564-7; 11,579; 11,588-91; 11,742-4; 11,906-7; 11,941-6; 11,999-12,000; 12,044-8; 12,173-80.

Standard of living: 2295-325; 3272; 4956-7; 7258; 7380; 7594-7; 7608-13; 8052; 11,906; 13,404-5.

Tendency of, to dispute: 1741-2; 1865; 1873; 1939-41; 1978-80; 11,784-8.

Thrift and sobriety of: 2289; 5452; 5784; 8903.

Training of: 8243-4; 10,138-40; 12,749-53.

Unskilled labour of: 11,242; 11,472; 11,741; 12,754.

Accidents to: 8223; 8242-55; 11,321-5; 11,392; 11,581-6; 11,625; 11,906; 12,058-66; 12,368-71.

Agricultural labourers and: 4368-75; 4383-7; 5417-9; 5661; 11,906; 11,988; 13,210-1.

Cost in repairs, through: 3949; 4015.

Dismissal of: 4968-9; 4991; 5106-7; 5279; 5244.

Engagement of: 5405-10; 5430; 6771-3; 9783-4; 10,546-68; 11,809-12; 11,906; 12,047; 12,367.

How and where employed: 4013; 5384-9; 5391; 5430; 8153; 10,566-8; 11,471; 12,054; 12,128; 12,285-6.

Inspector's views on: 3951; 4023; 4115-6; 5395-8; 5430; 8153-4; 8165-8; 8174-99; 8223; 8242-5; 18,642-4; 18,853.

Legislation *re* examination of, advocated: 3949; 4186-90; 4367; 4990-1; 5051-2; 5310; 5786; 10,175; 10,572.

Mines Act, evasion of, *re*, alleged: 3950-1; 4021-3; 4115-22; 4151-2; 5302; 5392-8; 5420-3; 5430; 8160-2; 9793-6; 12,716-7.

Denied: 6771-2; 6845-9; 8153; 8174; 11,276-7; 11,317-9; 11,360-3; 11,407-10; 11,479-87; 11,684; 11,724; 11,906; 12,318-23; 12,394; 13,209; 13,654; 18,642-4; 18,853.

Misrepresentations of: 5283; 5293-5; 5304-7; 5430; 8153; 8163-5; 13,654.

Objections to: 3949; 4014-20; 4305-7; 4328-34; 4374-5; 4988-9; 5056; 5086-8; 5304; 5392-4; 5430; 5786; 8221-4; 8242; 8255-6; 9793; 9913; 10,175; 10,546-56; 12,935-8; 13,093-4; 13,209.

Precautions, as to employment of: 5292-300; 5430; 6290; 11,246-9; 11,317-8; 11,359-63; 11,622-4; 12,128; 12,322-3; 12,372-6; 12,395-7.

Proportion and increase of: 3949; 4151-4; 4301-2; 4366; 5276-9; 5283-90; 5413; 8242; 8245; 9901-2; 9913; 10,564-6; 11,146-8; 11,242-5; 11,390-1; 11,395-407; 11,470-8; 11,621; 11,684; 11,722-4; 11,942; 12,052-5; 12,367.

Decrease in: 11,906.

Responsibility of employers for: 4191-5; 4306; 5050.

Rules *re*: 3950; 4117; 4303-4; 5280; 5299-300; 5407-10; 5430; 6285; 6772; 6845-6; 8153-4; 8160-2; 8177; 9796.

Suggestions *re*: 4318-9; 4990-1; 5308-14; 10,175; 11,577-80; 11,684; 11,793-4.

Training of: 4308-20; 4367-8; 5301; 5786-91; 6771-3; 6862-3; 10,138-80; 11,568-80; 11,722-4; 11,808; 12,053-9.

Wages of: 5414-6.

Variety of occupation in different localities: 8032-4; 8054-5; 8089-91.

Employers:

Associations of (see under *Associations*).

Associated firms of: 520; 1673; 2862; 2901-2; 2904; 3134-5; 4420-1; 5732; 5782-3; 5803-9; 6114-22; 6340-2; 6422; 6785; 6877; 7180; 7632; 7829-34; 8063-5; 10,829-31; 11,641-5; 11,900; 13,417-21; 13,613; 13,734-5; 13,788.

Non-associated firms: 2898-9; 3134; 6124-5; 6337-47; 7836.

Employers—continued.

Attitude of:

To association and organisation: 1787-9; 1883-9; 1903-4; 1937-42; 1966; 2019-21; 2083-5; 3210-1; 6519-22; 8038-9; 13,440-1; 13,486-93; 13,686-9; 13,781.

Checkweighers (see under *Employed*).

Dismissal of employed: 133; 234; 358; 1762-81; 1839-44; 1893-5; 10,167-72; 10,250-2; 13,557-8.

Disputes: 1739-45; 1860-9; 1876; 1925-6; 1951; 1994-2005; 2076-82; 3148; 6217-9; 6235; 6467; 6550-1; 7862; 11,698-701; 13,528-30.

Eight hours' day (see subject heading).

Limitation of hours (see *Eight Hours' Day*).

To joint committees and arbitration (see subject headings).

To Non-unionists (see under *Trades unionism*).

To Trades unionism (see subject heading).

Blacklisting (see subject heading).

Compensation from (see under *Accidents and Compensation*).

Compensation to: 1737-8; 1796-1800; 1890-2; 1951-61; 1999-2000; 6512-8.

Contributions of (see under *Relief Funds*).

Co-operative stores owned by: 12,492-516; 12,623-33; 13,618-26.

Employers' Liability Act:

Effect of, on contributions to relief funds: 2490-1; 2511-2; 2516-7; 2523-7; 2549-51; 5919; 5992; 8315-23; 8423-5; 11,859-64; 12,270-2.

Expense of contracting out of to: 5918; 6005; 6056-7; 6074-8; 8313-27; 11,711; 11,820-3; 11,850-1.

Insurance against: 498; 559; 8305-7.

Experience and position of: 1669-74; 1962-5; 1975; 1983-5; 2856; 3124-6; 3175; 5732-4; 5800-3; 5815-6; 6110-8; 6279; 6418-20; 6601-3; 6710-4; 7175-87; 7625-7; 7632-40; 7829; 8062; 8080; 10,825; 11,382-5; 11,393; 11,558-60; 11,640-1; 11,899-904; 12,074-8; 12,316-7; 12,331; 12,377-9; 12,390-2; 13,416; 13,613-4; 13,684; 13,734.

House, tenure of (see under *Workmen's Dwellings*).

Joint committees, effect of, on: 519-21; 3002-3; 8081.

Losses of: 2334; 2905-8; 2923-6; 2975-81; 3005-18; 3142-4; 3148; 3219; 3640-51; 5049; 6753; 10,395-6.

Managers: 1799-800; 1842-4; 6630; 6648; 7801-6; 10,935; 11,000; 11,076; 11,213-6; 11,222; 11,326-31; 11,382; 11,394-6; 11,711; 11,875-7; 11,899; 11,908; 12,390; 12,891-3; 13,295.

Objections of:

To deputies in Miners' Association: 1989-94.

Permanent funds: 3131-2.

Organisation, want of: 4046-51; 6108-9; 13,526-7.

Profits of: 2153-5; 2331-2; 2981; 4286-90; 4974-5; 5249; 6591; 9878; 10,394; 10,624-7; 10,630-5; 11,066; 13,324-6.

Relations with employed (see under *Employed*).

Responsibilities of: 2525; 5381; 5405; 6280-4; 6567; 6766; 6866-8; 7788-92; 10,016-9; 10,066-7; 10,235; 10,573-9; 10,603-5; 10,927-8; 11,076; 11,213; 11,797-803; 11,875-7; 12,649-53.

Royalty owners: 6537-42; 6595-6; 7484-6; 7622-3; 10,813-7; 12,881-5; 12,976-8.

"Smart money" from: 207-10; 527-8; 532; 546; 2103; 2514-5; 10,898-904.

Suggestions re: 13,289-96.

Waggons, &c.: explanation re want of: 10,066-7; 13,459; 13,499-500; 13,514-7.

Willingness to meet employed: 1857-9; 11,671.

Employment:

Collieries:

Area of: 1671-2; 4469; 4708-16; 7954; 9932-3; 12,184-7; 12,339; 12,398.

o 78188.

Employment—continued.

Difference in seams, &c., of: 3844-9; 4414; 4832-7; 5030-1; 5056; 5082-3; 5612-4; 6136; 6293; 7463; 7580; 7618; 7700-1; 7994; 7997; 8034-5; 8055; 8067-75; 8135-8; 10,433; 11,200-4; 11,991-6; 12,022; 12,126; 12,171-4; 12,331.

Working: 1905-7; 5191-5.

Long hour and short hour: 2335-6; 5153-9.

Long wall: 2337; 5183-4; 6746; 7463-8; 7792; 8072.

Rules of: 1773-4; 1893-5; 3900-1; 6273-5; 6352-6; 13,751; 13,827; 18,662; 18,848.

"Safety lamp": 5175-7; 7504-10; 11,317-9.

Various: 2337; 2903-4; 3707-8.

Blasting: 2239; 2244; 2270-2; 2275; 3501-4; 3594-9; 13,801-5.

Conditions of:

Deductions: 456-63; 472-6; 3897-900; 6014-25; 10,040-53; 10,191-9; 12,696-718c; 13,459; 18,850-1.

Differences in: 6143-54; 7994; 7997; 8033; 8055; 8089-91; 10,433-4; 13,848-72; 13,889-95.

Employers' Liability Act, contraction out of:

Compulsory: 501; 3901; 5919-21; 5948-53; 5990-6000; 6151; 8328; 10,907.

Optional: 496-501; 5834-7; 5915-21; 6151; 8079; 8286-32; 8388; 8475-84; 10,903-4; 13,786.

Former: 10,832; 10,397-407.

Holidays: 12,834-42.

House tenure: 367-70; 569; 3762; 9817-20; 12,484-6; 12,722; 13,634-6.

Improvement in: 5185-6; 8052; 12,237-41; 12,357-8; 12,521.

Membership of permanent funds, compulsory: 5449-53; 5463-4; 5919; 5990-6000; 6053-9; 8377; 8418-21; 8435-40; 8488-92; 8549-51.

Re-arrangement of: 457-8; 6153.

Satisfactory: 2425-6.

Dangerous and unhealthy: 340; 2524-5; 3932-41; 5056; 5083-4; 5786; 6676; 8200-21; 9998; 10,006; 10,175; 11,200-6; 11,386-8; 11,579; 11,636-9; 11,989-98; 12,021-8; 12,043; 12,170-2; 12,194-6; 12,331.

Difficult to obtain: 412-4; 419-20; 5571-2; 5784; 9846; 11,771-4; 11,916-20.

Dusting roads: 12,024-8; 12,188-93.

Easy: 12,343.

Healthiness and safety of: 2425-6; 6047-8; 6192; 6621; 6646-7; 6675-82; 10,235a; 10,926; 11,034; 11,906; 12,001-4; 12,080-1; 12,197-8; 12,244-5; 12,338; 12,521; 13,462; 13,651.

Horses employed: 12,182-7.

Irregularity of: 485-6; 2099-101; 2245-7; 2368-9; 6365; 6469; 6613; 8114-8; 10,720; 12,590; 13,795-9; 12,802-11; 13,459; 13,494-6; 13,514-7.

Laborious: 105; 3939; 4414; 5197-200; 6473; 6564; 6771; 12,106; 12,404-5.

Regularity of: 3890-1; 10,235a; 10,976-8; 13,499.

Safety of: 6763-6; 11,595-603.

Improvement in: 6808; 11,906.

Irregularity of work destructive of: 6613-4; 6753.

Responsibilities re: 5381; 5404-10; 6567; 6866-8; 7788-92; 10,016-9; 10,066-7; 10,235a; 10,573-9; 10,603-5; 10,927-8; 11,025-34; 11,075-7; 11,213; 11,797-803; 11,875-7; 12,649-53; 13,289-96; 13,364-5.

Stooping, spragging, &c.: 10,005-7; 10,010-6; 10,586; 10,601-7.

Timbering: 5101-5; 5204-10; 5381-3; 5786; 6564-7; 7994; 8033; 8073; 9998-10,000; 10,008-10; 10,017-9; 10,066-7; 10,109-27; 10,580-5; 10,696-8; 11,073; 11,564; 11,579; 12,001-4; 12,043; 12,108; 12,564; 12,653-68; 12,909-23; 13,655-6; 13,659; 18,667-8; 18,740-5; 18,768-75; 18,848; 18,886-901.

Shafts of mines: 11,380-1; 12,242-5; 12,859-61; 13,184-6; 18,864-75.

Employment—continued.

No escape:
 Alleged: 12,524-33.
 Denied: 18,823-30.

Shifts, system of:
Double:
 Abandoned: 5359-62; 12,379-82; 12,387.
 Advantages of: 4072-5; 5178-81; 11,686;
 12,259-65; 12,332; 12,347-9; 12,363-6;
 12,388-9.
 Differences in: 4335-40; 7923; 7994; 8034;
 11,687-91.
 "Double turn": 4909-16; 5150; 5378-80.
 Hours, effect upon: 106; 2238; 2686-8; 3128-9.
 In operation: 372-3; 626-30; 2239; 2379-83;
 4888; 4908-13; 5086-7; 5135-7; 5363-7;
 8034; 9825-30; 9925-6; 12,377-8; 12,814-5;
 13,892.
 Objections to: 2988; 3289; 3505-6; 4209-22;
 4789-96; 4889; 4914-24; 5138-49; 6558-9;
 7896-9.
 Opposed: 3970-3; 4071; 4183-5; 4335; 4776-
 88; 4888-9; 5078-81; 5089; 5135-46; 6828-9;
 12,346.
Night:
 Hours of: 5336-9; 9830; 12,249-50.
 In operation: 2618-20; 4926; 6461; 9958;
 10,435-6; 10,447-8; 10,541-2; 12,249-52.
 Objections to: 499-8; 5331-42.
 Opposed: 2031; 3289; 3319-20; 3471-6.
 Suggestions *re*: 3320-8; 3470-81.

Shifts, single:
 Accidents under: 4793-6.
 Desired: 4776-7; 4887; 5093.
 Differences in: 3279-80; 7994; 12,106.
 Objections to: 109-12; 2166-9; 2989-91.
 Opposed: 236; 2386-94; 3289.
Treble:
 Advocated: 2641-7; 3289-304; 3308-9; 3491-
 503; 3592-612; 4078-81.
 Hours, effect on: 2011-2; 2645-55; 2659-64.
 In operation: 294-5; 2693; 6461; 6562.
 Objections to: 113-4; 1915-6; 2015-8; 5089-
 93.

Sub-contract system:
 Abolition of, desired: 5430; 7554-8.
 Accidents under: 11,034; 11,065.
 Approved of: 7328-30; 7718.
 Contractors under: 3743; 3745-6; 3869; 3871;
 5430; 7196-200; 8581; 8608-9; 8694-7; 9811;
 10,001-2; 10,546-7; 10,551-3; 12,646.
 Position in colliery: 5467-8; 7196; 7469-79;
 7559-60; 10,904; 10,123-9; 10,551-4; 12,647-
 8; 13,537; 13,879.
 Responsibilities of: 7787-93; 7816-9; 12,653.
 Differences in: 10,942-4.
Employed under:
 Earnings of: 31; 6747; 7641; 7719; 8585-6;
 8608-13; 9998; 12,676-9; 13,217.
 Engagement and dismissal of: 3870; 5430;
 7561-6; 7642-8; 8582-7; 8640-9; 10,003;
 10,547-63; 12,647; 13,536; 13,874-8.
 Number of: 5484-7; 7198; 7549-53; 8582;
 9795; 12,673-5; 13,216.
 Supervision of: 5429-30; 8584; 12,649-51;
 12,669-72; 13,538-45.
 Hours of: 7201; 8588-9; 8634-5; 8688-93.
 In operation: 7196; 7469-79; 7642; 7716-7; 8582-
 6; 10,179; 12,245; 13,215; 13,534; 13,873.
 "Nottingham": 7461-8; 7618-24.
 Objections to: 4308; 5429-30; 9795; 9810; 9998-
 9; 10,179-10; 13,216-7.

Employment—continued.

Effect upon employment of unskilled labour:
 3868-73; 5466-79; 5488-9; 10,564-72;
 12,680-1.
 Hours: 3742; 3746-50; 3882-6.
 Wages: 9810; 9998; 10,179.
 Production under: 5480-3.
 Where prevalent: 3744; 5475-9; 10,544-6; 12,645;
 13,534; 13,873.
 "Butty" system: 7642-8; 7716-8; 7918.
Charter masters:
 Approved: 10,880.
 Contracts of: 10,868; 10,881-5.
 Employed under: 10,869-79; 11,004-15; 11,027-
 33; 11,036-9; 11,067-8.
 Objections to: 10,880; 10,886-8; 11,063-4.
 Position in colliery: 10,872-8; 10,934-8; 11,001-
 3; 11,009-10; 11,068-77.
 Rules *re*: 11,021-34.
 Working places under: 10,879-81; 11,016-20.
Stallmen:
 Approved of: 7328-30; 7457-8; 7807-8.
 Character of: 7469; 7495-8.
 Coal faces worked by: 7459-60; 7792.
 Contracts of: 7493-4.
 Position in colliery: 7499; 500.
 Wages paid by: 7194; 7325-7; 7342-6; 7719-23;
 7809-14.
 Workmen employed by: 7348-9; 7457-8.

Fines (see under Wages).

Friendly Societies (see under Relief Funds).

Half-Time System: 6409-17.

Inspection:
 Accidents, *re*: 4461-2; 6597; 6765; 8197-224; 8245;
 8257-9; 10,267; 10,458-67; 10,673-82; 11,873-7;
 11,886-8; 11,934-5; 12,155-7; 12,273-80; 12,368-
 76; 12,924-32; 18,667-702; 18,739-45; 18,751-8;
 18,826; 18,857.
 Coal Mines Regulation, Act, *re*: 4225-7; 12,658-65;
 12,924-32; 13,180-3; 18,647-52; 18,823.
 Clause 4: 6766-7; 6866-8.
 Clause 38: Workmen's inspection of mines:
 Advantage taken of: 3906; 3980; 4700; 4986;
 5500-1; 5600-9; 5639; 6622-4; 6658-65;
 8014-6; 8169-73; 11,161-8; 11,227-41; 11,254-
 63; 11,266-75; 11,279-99; 11,411; 11,947-8;
 12,127; 12,333.
 No advantage taken of: 4700; 4986; 6556-7;
 6765; 7480-3; 7820; 8015-6; 9836; 11,236-8;
 11,249-51; 11,352-8; 12,543; 12,852-3; 13,652-
 3; 18,718-30; 18,846-7.
 Reluctance to resort to: 3979-80; 4224-7; 4695-
 9; 8168-73; 9836-9; 10,235; 10,636-43;
 10,676-81; 11,249-51; 11,285-6; 12,543-6;
 12,553-4; 12,726-7; 12,851; 18,767; 18,846-
 7.
 Efficient: 2102; 6622-3; 6763-5; 7245; 11,695;
 11,874-7; 18,788.
 Inefficient and inadequate alleged: 3905; 4233-7;
 4359; 4669; 4707-22; 4981-4; 8253-4; 9832;
 12,521; 12,724.
 Denied: 8173; 18,646; 18,653; 18,822.
 Miners' Conferences *re*: 18,790-1.
 Mines, subject to: 4461; 4468-75; 5599-602; 8141-5;
 8233; 18,784-7.
 No obstruction to: 18,732.
 Occasions of: 3904; 4223; 6597-8; 6665; 8146-50;
 8225-6; 8234-8; 18,733-9.
 Old Scotch Law *re*: 10,246; 10,267; 10,815-22.
 Suggestions *re*: 10,019; 10,028.
 Time taken in: 4236-7; 4674-7; 5551-2; 8228-32;
 11,256-62; 11,287-802; 11,608-15.

Inspection—continued.**Inspectors:**

Accidents, inquiry into by: 6765; 8197; 8208-23; 8257-8; 10,267; 10,704; 18,679-96; 18,702; 18,792-814; 18,953.

Complaints to: 8151; 8155; 10,009; 10,459-61; 10,532-5; 10,611; 10,704; 10,824c; 18,667; 18,709-11; 18,745-8; 18,823-8; 18,831-4; 18,837-40; 18,858; 18,876-83; 18,912-27; 18,957-63.

Anonymous: 8166-8; 10,462-7; 18,878-81; 18,941.

Home Office re: 12,860-1; 13,685.

Mode of dealing with: 8171; 8197; 9834-5; 10,009; 10,021; 10,027; 10,067; 10,611-7; 18,823-8; 18,832-4; 18,837-40; 18,857; 18,876-83; 18,912-37; 18,964-71.

Consultations with: 4691-3; 8257-60; 11,169-78; 12,005-17.

Districts of: 4344-9; 4670-1; 8140-3; 8200; 8224; 11,878-86; 18,640; 18,776-86; 18,815.

Duties of: 222; 4356-8; 4359; 4678-80; 6625; 8256; 11,211-3; 11,795-9; 18,650; 18,871-5; 18,679-98; 18,751-3; 18,792-814; 18,955.

Efficiency of: 4878; 5551-3; 6625; 6770; 11,908; 12,274.

Experience of: 8252-3; 12,390-4.

Fear of applying to: 8169-70; 8173; 10,236-50; 10,674-6; 11,908.

Hours of: 4354-5.

Increased number of: 6667-9.

Independent legal, appointment of, advocated: 3979-80.

Inefficiency of: 12,521-40; 12,854-8; 12,904-8; 12,924-32.

Instructions to: 8157-9; 8240-1.

Meeting of: 5430; 8177-93.

Mode of administration: 6765; 8152; 8194-9; 10,025-7; 18,671-5; 18,679.

Number of, Government: 4341-4; 4359; 10,020; 11,707-8; 11,877-86; 18,783; 18,904-5.

Insufficient: 3905; 4460-1; 4668-9; 4717; 4984; 5429; 5551-3; 6625; 6666; 8224; 8239; 8256-7; 9832; 10,019; 10,068-71; 11,223-6; 11,364; 11,695-7; 18,756-8.

Sufficient: 11,366; 11,605; 11,738-40; 11,875-7; 11,886-8; 12,273-8.

Powers of: 18,851; 18,906-11.

Practical men as, appointment of, advocated: 578-81; 4461; 4554-6; 4681-3; 5551-3; 6672-4; 6688-94; 6700-2; 6882-4; 9832; 10,022; 10,071-5; 11,096; 11,111; 11,222; 11,264; 11,303; 11,617; 11,706; 18,713-28.

Deprecated: 6626-7; 6765; 6768-70; 8247-51; 8261-3; 11,908; 11,949-52; 12,049-51.

Reasons given for: 4682; 4693-6; 9832; 10,023; 11,414-5.

Competence of: 4556-61; 4684; 6629-35; 6695-6; 6702-4; 11,096; 11,111-9; 11,179-85; 11,222; 11,264-5; 11,303-10; 11,364-5; 11,414-5; 11,617-20; 11,630-4; 11,706; 12,862-7.

Effect of: 580; 3250-2; 4985; 10,235a-6; 10,636-43; 18,759; 18,902-3.

Examination of: 4559-60; 4684-92; 6697-9; 6883-4; 10,074-5; 11,096-8; 12,868-71.

Lowering of, deprecated: 6626-7; 6670-1; 6683; 8261-3; 11,706; 11,953.

Resolutions and proposed Bill re: 6767; 12,564-5; 18,790-1.

Prosecutions by: 5407; 12,314-5; 18,754-5; 18,822; 18,829-30; 18,891-4.

Qualifications of: 11,800-5; 11,908; 11,953-5; 12,018-20; 12,067-71; 12,564-5.

Reports of: 2143; 4703-7; 5369-73; 5638; 11,232-5; 11,459; 11,519-21; 12,155; 18,736-8; 18,751-4.

Residence of: 4350-3; 4672-3; 12,564; 18,817; 18,849.

Inspection—continued.

Surprise visits of: 5551; 6597; 9832; 11,035; 11,287; 11,606-7.

Views of, on cause and prevention of accidents: 8200-23; 8242-5; 11,090-5; 12,369-76; 18,760-5; 18,847.

On organisation: 18,713-7; 18,942-5.

On rules: 39; 8153-4; 8160-5; 8174-6; 8180-93; 11,021-34; 11,074-7; 11,082.

Welsh spoken by: 4360-3; 11,904.

When seen by employed: 3904; 3979; 4231-3; 4280.

Joint Committees:

Advantages of: 48; 65-6; 93; 473; 1758; 9878.

Attitude of men to: 1981; 2057.

Awards of:

Accepted: 520-1; 1711; 2057; 2188; 2258-61; 2611-2; 2996-7; 3000-3; 5796; 7783-6; 7908-9.

Enforcement of, considered: 98; 1863; 1924; 1958-9; 1982; 1985; 2049-56; 2064-7; 2076-82; 4482-92; 4822.

Repudiated by employed: 97; 1711; 1948; 1966; 1978; 1980; 1987; 2059; 2953; 4826-31; 7680-90; 7781-4; 10,842-3.

Repudiated by employers: 97; 2258; 4826; 4953-5.

Union executive powerless to enforce: 1995-6; 2045; 2057; 2060-3.

Cases dealt with by: 11; 13; 17; 218; 221; 225; 248; 537; 595; 1692-4; 1711; 1819; 1827; 1835-6; 1905-7; 1947-8; 1978; 2114; 2185; 2217-8; 2406; 2440; 2600; 2869; 2887; 7906-7; 7910-1; 7969-73; 8081; 8108; 10,833; 10,848-51.

Number of: 595; 1739; 1756-7; 1818-20; 1861-2; 2184; 2602-3; 2887-9; 8081.

Not dealt with by: 102; 222; 508-12; 1683; 1769-71; 1781; 1815; 1827; 1858-9; 1905; 2186-7; 2440; 2444-5; 2887; 4820.

Referred to "local arbitration": 13; 16; 18; 456; 1975; 4820; 5792.

Settled by Federation Board: 11; 19; 357; 1696; 1993-4; 2596-9.

Settled locally: 1739-44; 1756-60; 1827; 2184; 2214-6; 2407; 3810-2; 5791-3; 8081; 8111-3; 11,704-6.

Suitable for adjustment by: 1949-50; 1966; 1976-81; 2057.

Chairman of: 14-5; 600; 1683; 1750-5; 2614; 2885; 2890-1; 2993-5; 3993-5; 7839; 10,825; 10,840-1.

Composition of: 11; 1683; 1747-51; 1816; 1845-8; 2113-6; 2611; 2870; 3992-9; 8080; 10,840; 10,843; 10,854-7.

Individual:

Aberdare and Merthyr Miners' and Owners': 3980-99; 4096-9; 4253-61; 4262-74.

Cleveland Miners' and Owners': 748-55; 808; 811-2; 846-53; 899-911; 975.

Durham Miners' and Owners': 11-7; 19; 214-8; 508-12; 1688-95; 1817-22; 1745-55; 1826; 1947-8; 1961; 1966; 1975; 1977-81; 2043-5; 2049-56; 2058-63.

Neath, Swansea, and Llanelly Sliding Scale: 4408-13; 4443; 4445-8; 4451-3a; 4476-81; 4576-81; 4817-25; 4826-31; 4933-4; 4935-6; 4953-5.

Northumberland: 2113-6; 2184-8; 2214-8; 2406-9; 2440; 2444-5; 2448; 2450; 2869-70; 2884-91; 2896; 2992-7.

South Stafford and East Worcester Wages Board: 10,833; 10,840-1; 10,843; 10,848; 10,867.

South Wales and Monmouth Sliding Scale Committee: 4971; 4973-4; 5428-9; 5530-1; 5538-41; 5573-85; 5671-8; 5689-97; 5700-19; 5723-6; 11,652; 11,670; 11,678-83; 11,698-704; 11,706; 11,717-8; 11,731-6; 11,784-91; 11,900.

South Yorkshire: 7838-9; 7904-11.

Meetings and minutes of: 223; 600; 1688-95; 1860; 1966; 1978; 2184; 2408-9; 2884.

Joint Committees—continued.

Previous to strikes: 13,770; 13,776; 13,780; 13,823-4.
 Mode of administration: 214; 595-6; 1748-57; 1848-56; 1924; 2049-56; 2614; 7837-8; 10,843-4; 11,702.
 None in operation: 3717; 3808-9; 5755; 5828; 6092; 6246-8; 6467; 6840-1; 7364; 7676; 8867; 13,816-7.
 No power to inflict fines: 1961; 2049-53.
 Rules of: 12; 1683-7; 1978; 2896.
 Satisfactory working of: 473-4; 2115; 2188; 2604; 2611; 2886; 2992; 3127; 7904-5; 8110; 10,849-51; 13,842.
 Sliding Scale Committee (see under *Sliding Scales and Associations*).
 Suggestions *re*: 94-6; 134-6; 537-8; 1745-56; 1824-6; 1982-4.
 Umpires *re*, advocated: 4818-20; 5794-6; 9878; 11,698.
 Deprecated: 11,698-701.

Labour.**Days, average worked:**

Per fortnight: 315-6; 421; 1767; 1773-5; 1839-40; 1914; 2366; 2460; 3638; 5833; 10,922.

Per month: 4173-4; 11,350-1.

Per week: 2171; 6753.

Five days: 168; 6365-6; 7208; 7340; 7530; 7882; 9807; 9830-2; 10,166-74; 10,299-303; 10,443-6; 12,447-50; 12,474-6; 13,475-6; 13,501-10; 13,518-20; 13,648.

Four days: 5226-31; 5622-4; 5661-2; 6831-2; 7209; 9796-806; 12,289; 12,445-6; 12,779-83; 12,812-3; 13,644-7.

Seven days: 1912-4.

Six days: 6050; 6752; 10,169-72; 11,426; 12,450-3; 12,474-9; 13,477-80; 13,504-11; 13,518-20; 13,648; 18,855-6.

Three days: 7341; 9808; 12,433; 13,644.

Two days: 5622-4; 5642-5; 5661-3; 9808.

Variation in: 4036-7; 4969; 5215; 6753; 11,437-40; 11,686.

Per year: 2099; 2108; 2170; 6753; 7273-90; 18,855.

Districts, average hours in various:

Ayrshire: 12,449; 12,459; 12,474-9; 12,611-4; 12,713; 13,225-6.

Durham and Northumberland: 335-7; 372-3; 624-5; 2290-1; 2300-1; 2307-11; 2338-53; 2615; 2379-82; 3037; 3243-6; 5086-7; 8031; 11,891-2.

Fife, Kinross, Clackmannan: 3770-80; 3837-42; 3855; 3889-93; 11,889; 12,600-3; 13,598-600; 13,693-7; 13,738; 13,793-4; 13,880.

Lanarkshire: 3771-4; 3844-6; 3892; 9796-809; 9823-4; 9949-50; 9957-8; 10,438-42; 10,686-8; 11,040-2; 13,454-5; 13,502; 13,643; 13,692.

Lancashire: 2379; 5838-46; 5853-8; 5930; 5939-47; 6044; 6137-42; 6209-16; 6257-8; 6357; 6382.

Staffordshire: 6447-9; 6473; 6728-9; 6742-5; 6752-3; 6869-70; 10,908-20; 10,967-9.

Wales, South: 3951-2; 3976-9; 4100; 4400-3; 4512; 4528-34; 4737-45; 4944-5; 5037-40; 5213-8; 5646-9; 11,102-6; 11,120-2; 11,140-1; 11,190-8; 11,341-8; 11,424-43; 11,507; 11,657-9; 11,686; 11,725-8; 11,748-56; 11,906; 12,085-129; 12,158-65; 12,287-90.

Warwickshire, Derby, Leicester, and Nottinghamshire: 5749-50; 5778-9; 7202-11; 7270-1; 7291-5; 7438; 7649; 7728-9; 8703-23; 8850; 8892-5; 9887-92.

Yorkshire: 7850-4; 7875-6; 7885; 7915-23; 8017; 8031; 8040-5; 8101-7.

Holidays and lost time: 421; 1700; 2895; 3721-2; 3951; 4133-9; 4175-7; 4838-42; 5215-266 58 61; 5905-6; 6006-13; 6058-73; 6613-20; 938-45; 6648-56; 6684-6; 6705-8; 6723-5; 6734-; 85 675; 6798; 6831-2; 7260-1; 7278-89; 7373-80; 930-23; 9926-31; 9977-8; 10,445-6; 11,686-93; 12,449; 12,759-61; 12,834-42; 13,466-74; 13,644-9.

Labour—continued.

Cause of dismissal from employment: 503-12; 1762; 1772-81; 1839-44.

Mondays: 4030-3; 4205-8; 4969; 5215; 6832-3; 10,922-5; 11,424; 11,431-3; 11,693.

"Mabon's": 4135-6; 5221-5; 5625-31; 11,333-9.

Saturdays: 169; 624; 2618; 2988; 4030-3; 4530; 4969; 5215; 5942; 6210-4; 6480-2; 6752-3; 7283; 7382-5; 7724-7; 7884; 8848; 8896-7; 8987; 9830; 10,173; 10,443; 11,424; 11,432-8; 12,091-2; 12,449-50; 13,473-4.

Sundays: 2618-20; 6383-91; 6753; 10,540-2; 11,053-6; 13,730-2.

Thursdays: 9830; 10,445; 13,473-4.

Hours, average worked by:

Anthracite miners: 5784; 5787-9.

Banksmen: 298; 1970; 2593; 12,611.

Cokemen: 1807-11.

Enginemmen: 294-7; 1908-12; 2402; 2616-24; 2640-4; 2656-8; 2665-71; 2692-3.

Hewers: 27; 635-7; 1970; 2006; 2011; 2098; 2169; 2236-7; 2662-4; 3093; 3130; 3229; 3241; 3246; 3276-9; 3289; 3327-8; 3953-68; 4944-5; 5363-7; 5838; 5884-8; 5930; 6044; 6257; 6473-5; 6529-30; 7852-3; 7885; 7915-20; 8017; 8031; 8040-5; 8705; 9957; 10,653-6; 10,908-20; 10,967-75; 11,040-5; 12,089-108; 13,741.

Onsetters: 30; 104; 2098; 3276; 3297; 3444-50; 8105-7.

Pumping men: 2593; 2620.

Putters: 2074-5; 3058-66; 3297; 3461-7.

Repairers: 5152; 5363-7.

Rolleywaymen: 1970; 2006; 2098; 3297; 3381-90; 3444-50; 8105.

Stonemen and shifters: 30; 104; 289; 1970; 2006; 3295.

Surfacemen: 3276-7; 3451-5; 3734-5; 3968-9; 6458-61; 6753; 12,224-6.

Trammers: 7915-7.

Underground men (generally): 29; 104; 683-91; 1805-6; 2038; 2098; 2615; 2640-1; 3253-9; 3276-8; 3295-8; 3451-5; 3724-33; 3951-2; 4108; 5151; 5838-9; 6258; 6357; 6753; 7581; 7619; 7852-4; 8040-5; 8101-4; 8712-21; 8897-8; 9949-51; 10,911-8; 10,967; 10,988-9; 11,042; 11,103-6; 11,120-2; 11,140-1; 11,190-8; 11,342-9; 11,424-43; 11,540; 11,662-3; 11,725-7; 11,748-56; 12,085-129; 12,158-63; 12,285-94; 13,454-5; 13,740-1.

Wastemen: 1970.

Winding men: 2593; 2620; 4528-30; 5894-900; 6397-9; 6753; 7442-54; 7922-3; 11,748-56; 12,201; 12,713d.

Per week: 170; 4030-1; 4532-4; 4966-9; 6209-16; 8850-1; 11,091-2; 11,425-9.

Variation in: 4036-7; 4969; 5215; 11,437-40; 11,686.

Commencing and closing work: 161-9; 291-4; 298-301; 313-4; 3959-67; 4024-7; 4103-8; 5071; 5839-46; 5941-2; 6045; 6264-8; 6450-7; 6753; 7439-41; 7931-41; 8067-72; 8705-6; 8879-88; 8894-8; 8934; 8995-9005; 9826-30; 9957; 10,657-66; 12,091-2; 12,459-60.

"Darg" system of: 13,787-90.

Effect of, on health and safety of employed: 3627-32; 3939; 6047-8; 6294-5; 8018; 11,043-5; 11,208-10; 11,626-9; 12,029; 12,939-40; 13,883.

Eight hours' day (see special heading).

Formerly worked: 350-2; 625; 2243; 2268-9; 2280; 2338-50; 3177-8; 3201-4; 3272; 3375-9; 4759-61; 6085-6; 6880; 7574; 11,906; 13,745-7.

Increase in: 2345-53; 2401.

Leaving mine, regulations *re*: 5650-5; 5727-31; 5886; 6026-38; 6264-7; 7921; 7925-9; 7959-67; 8124-6; 8935-6; 8963-74; 9828-9; 9951; 10,658-73; 10,823-4; 11,693; 11,938-9; 12,459; 12,540-2.

Labour—continued.

Freedom in: 3636; 5885-6; 5931-3; 12,461-5; 12,540-2; 12,714-5; 12,873; 13,091-5; 13,191-2; 13,640; 13,685; 18,704-7; 18,845.

“ Long hour and short hour ” collieries: 2335-6.

Meal and “ snap ” times: 302-10; 2039; 3289; 3619-23; 4101-2; 5315-9; 5749; 5780-1; 5940-7; 6139; 6215; 6261-3; 6476-8; 6752; 7203-7; 7334-6; 7352-4; 7942-5; 8896-900; 11,102; 11,190; 12,031-2; 12,085-8; 12,713*d*.

Overtime paid: 1990; 2641-4; 6753; 10,540-2; 11,052-4.

Willingly worked: 6728-33; 6754-61; 6810-6; 6823-30.

Reduction of, desired: 1917-8; 2608-9; 4202-4; 8853.

Less than eight: 2347-53; 3327-30; 3338-40; 3639-43; 4842; 13,406-7.

Obtained: 28; 353-4; 625; 2244; 2270; 2290-325; 2422-4; 3370-8; 3781; 3855-60; 4049; 11,059-61; 12,755-8.

Restriction of: 649-59; 678-82; 5411-2; 4028-9.

Suggestions *re*: 3389-418; 3591-618.

Time taken in lowering and raising men in mines: 6753; 7435-7; 8809-17; 11,102; 11,187-92; 11,314-5; 11,377-81; 11,508-11; 12,097-100; 12,202-12; 12,307-11; 13,742.

Uniformity of, necessity for: 422; 444-8; 660-6; 6531-2; 6880-1.

Variation in: general: 2170; 2363-6; 6577-81; 7579; 7994; 11,424; 11,522-46; 11,657-9; 12,200-11; 12,327-31; 13,225-6.

Lodging and Rent (see under *Workmen's Dwellings*)**Machinery:**

Engines: 2669-80; 2690-1; 5894; 5901; 7955; 8067-8;

Hours of: 2675; 7943; 8075; 8101.

Power of: 7450-4; 7616-7; 13,744; 13,881-2.

Labour Saving:

Mechanical drills: 2104; 2273-9; 2412-4; 2428; 13,798-805.

Owned by employed: 2104; 2277; 13,799-800.

Advantages and disadvantages of: 6636; 6807; 6842-4.

Out-put (see under *Production*).**Overtime** (see under *Labour*).

Pensions: 1971-3; 8903; 8937; 9031-5; 12,590-1; 13,290-4.

Picketing and Intimidation:

Amendment *re* law of, desired: 570-2.

Practice of: 643-7; 11,770; 11,773-5; 13,649; 13,657-8; 13,709.

Production:

Decrease in: 2231-2; 2264-5; 11,456; 13,795.

Effect of:

Eight hours' day on (see subject heading).

Increased: 2422-4.

Machinery on: 6636; 6796; 6807; 6842; 13,747.

Reduced hours on: 4947-9; 4956; 5028-9.

Trades unionism: 2231-2; 2264-5; 2432.

Increase in: 2231-2; 2431-2; 3137; 3810-1; 8052; 9908; 13,795; 13,881-2.

Production—continued.

Mines: 12,796-9.

Charges, general; of: 6051-2; 6587-90; 7399-401; 10,505-9.

Differences in: 2264; 2248-9; 7580; 7618-24; 7700-1; 13,059-62; 13,069-72; 13,657-8; 13,748.

Cost of working: 2232; 2331; 2396; 3148; 3662-72; 4276-93; 5186-95; 5245-52; 6006; 6753; 6851-2; 7954-6; 9916-7; 10,330-407; 11,814; 11,819; 12,132-5; 12,876-7; 13,744.

Economic advantages of certain: 3844-54; 4832-7; 5030-4; 5083-4; 6579-80; 7994; 8032-4; 8054-6; 8067-75; 8135-8; 11,200-6; 12,405; 13,072; 13,797.

Losses on: 2333; 2905-7; 2924-7; 3005-15; 7598; 8114-20; 10,725-41; 11,333-9; 11,819; 12,759-62.

Profits on: 2153-7; 2331-2; 3662-9; 4287-90; 9930-1; 10,324-407; 10,624-35; 13,066.

Royalties on: 6537-42; 6595-6; 7484-6; 7622-3; 10,813-7; 12,881-5; 12,976-8.

Seams of, difference in: 3844-9; 4414; 4832-7; 5030-1; 5056; 5082-3; 5612-4; 6136; 6293; 7463; 7580; 7618; 7700-1; 7994; 7997; 8033-5; 8055; 8067-75; 8135-8; 10,433; 11,200-4; 11,991-6; 12,022; 12,126; 12,171-4; 12,331.

Working, area of: 1671-2; 2862-4; 4469; 4708-16; 6110-3; 6726-33; 7954; 9932-3; 12,076; 12,184-7; 12,339; 12,398.

Out-put: 7948; 8011-3; 8630-1; 12,167-9.

Associated firms of: 1673-4; 1969; 2865; 6423-4; 7629-31; 11,646-7; 11,902; 13,736.

Non-associated firms: 2898-901; 3134-5.

Districts: 2526; 2865; 5810-1; 6423-6; 7189; 7639; 11,647; 11,619; 11,885; 13,375-7; 13,885-7.

Individual collieries: 6111-2; 7629-31; 7801; 7954; 8064; 10,929-30; 13,913.

Per man: 2337-44; 2396-401; 3247-9; 3661-72; 5028-9; 5034-5; 5044-5; 5185-90; 5196-9; 6796-807; 6842-4; 8032; 10,308; 10,324; 13,796-7.

Regulation of, by unions: 13,571-8; 13,644-7; 13,657; 13,669; 13,690.

Conference *re*: 3391-5.

Restriction of, by employed: 7948; 9830; 9926-7; 10,165-9; 10,774; 10,296-300; 10,324-92; 10,422; 10,768-96; 12,443; 12,449; 12,568-71; 12,716-8; 12,816-20; 13,220-4; 13,366-74; 13,669-71; 13,690-1; 13,752.

In lieu of strike: 1985-6; 3721-2; 13,220.

Suggestions *re*: 10,267; 10,325-407; 12,571-85; 12,836-42; 12,878-98; 12,974-13,050; 13,386-9; 13,408-15.

Prices of coal: 3018; 3143; 5848; 6599-600; 8047-9; 8092-6; 10,235; 10,324-96; 10,496-9; 10,733-42; 10,749-55; 10,763-8; 10,774-8; 11,817; 11,580-3; 13,657; 13,756-9; 13,762.

Foreign: 10,255; 10,471-6; 10,749-55.

Trade. Export and coasting: 10,750-64; 12,800-11; 13,378-83; 13,584; 13,751.

Cessation of during winter: 2101; 2245-7; 2362-4.

Foreign: 7989; 10,308-24; 10,471-82; 10,744-9.

Home: 7989-91; 10,308-407; 10,483-92; 10,496-9; 10,762-96; 11,816; 13,744; 13,748; 13,886.

Active: 2100-1; 4316-7; 7991; 12,336.

Depression in: 358; 2331; 2363-9; 3397; 5642-5; 5656; 5860-1; 6007-10; 6831-2; 7578; 11,456-9; 11,525.

Profit Sharing:

Inapplicable to coal trade: 6488; 9036-7.

None: 2205.

Profits (see under *Employers*).

Refutations:

| | Statement. | Denial. |
|--|--|--|
| Allowances: | | |
| Price of coal to employed | 4150-66 - - - | 11,410-23. |
| Checkweigher: | | |
| Dismissal of 27 men through appointment of. | 12,548 - - - | 18,852; 18,956; 18,973-6. |
| Deductions: | | |
| A condition of employment | 12,700 - - - | 18,860. |
| Employers: | | |
| Careless of safety of employed. | 3070-80; 4227 - | 11,250-4; 12,332. |
| Escape Shafts: | | |
| Deficiency of - - - | 12,524; 12,859; 13,179; 13,184-6. | 18,823-30; 18,858; 18,964-75. |
| Inspection: | | |
| Inefficient - - - | 4233-7; 5832 10,025; 12,521- 30; 12,724; 12,981-2. | 6822-3; 6765; 7245; 8173; 11,005; 18,645; 18,671; 18,734-4; 18,789; 18,822. |
| Workmen's disregard of clause 38 in Mines Act, through fear of dismissal. (See also under Inspection.) | 3979; 4225-6; 10,235-2; 10,830; 10,676-80; 12,548 -4; 12,553-4. | 11,908; 11,289; 12,333; 18,847. |
| Inspectors: | | |
| Regardless of complaints made to them. | 12,904-9; 12,023-31 | 8171-3; 18,857; |
| Unfair dealing <i>re</i> Case referred to Arbitration. | 12,540 - - - | 18,845. |
| Propwood and Timber: | | |
| Insufficiency of - - - | 9843; 10,000; -10,000-7; 10,109- 19; 10,580-0; 10,696; 12,564; 12,658. | 13,055-6; 18,659; 18,687; 18,848; 18,880-94. |
| Unskilled Labour: | | |
| Evasion of clause in Mines Act prescribing two years' experience. | 3949-51; 4021-3; 4122; 4151-2; 5302; 9703-6; 12,710-7. | 6345-9; 8153; 8174; 11,270-7; 11,360-3; 11,403-10; 11,479- 87; 11,684; 11,724; 11,904; 12,318-20; 12,394-5; 13,200; 13,654; 18,644; 18,853. |
| Proportion of - - - | 3949 - - - | 11,309-405; 11,470- 8; 11,634; 11,722. |
| Wales, South: | | |
| Lack of precautions in mines in. | 8211-5 - - - | 11,090; 12,372-6. |

Relief Funds (General):

Abolition of: 478.

Allowance for—

Accidents: 36; 205-6; 483; 528-36; 549-50; 1971; 2461; 2464-7; 6146; 8287; 11,667; 13,642.

Definition of: 528.

Duration of: 532; 550; 1971; 2472.

“Sacrificed” members: 522-4; 2451-60.

Shifting: 2455; 2459.

Widows and funeral: 552-3; 1971; 2462.

Ayrshire, system of, in: 12,488-91; 12,843-50.

Benefit and Friendly Societies, local: 423; 544; 1971; 2070; 2462; 7659-61; 8473-5; 8485-7; 12,489; 12,843-50; 13,785.

Contributions to:

Employed from: 531; 1971; 2459-60; 5046-7; 5878; 10,897-900; 11,667; 13,672.

Deducted from wages: 536; 2063-70; 5878-80; 6014; 7879; 8274; 83,402; 10,207; 12,488-9; 13,642.

Employers from: 424; 486; 496; 531; 1971; 3131-2; 5046-7; 5834-6; 5882; 5919; 5992; 6056-7; 6147-51; 6156-7; 10,897; 11,667; 12,270-1; 13,642; 13,672.

None: 208; 525-6; 1971; 2518-20; 3131-2; 10,210.

Royalty owners from: 2486-7; 2526-30; 2555-66; 7541; 8454-5; 11,834-5.

Exemption from: 2459-60.

Refunded on application: 8482; 8488-93; 8501.

Not: 2040.

Total: 478-80; 531; 1971.

Relief Funds (General)—continued.

Effect on rates: 483.

Truck Act: 2068; 2073.

Employers' Liability Act, contracting out of:

Arrangements under: 8275-81; 8290-305.

Asked for: 5879; 5915-8.

Compulsory: 2920-3; 5927-9; 5948-53; 6074-83; 10,903-7; 12,272.

Optional: 496; 540; 5834; 5914-29; 11,666; 12,555; 13,786.

Entrance fee to: 2460.

Failure to form: 8286.

Management of: 8466-72; 10,207-10; 11,668; 13,642.

Membership of:

Compulsory: 5926-9; 5990; 6054-5; 6143; 6149-53; 8488; 10,207-8.

Method of enrolling: 536; 8493-502; 12,417-8.

Number of: 536; 542-5; 2469; 5927-8; 8286; 8479; 8938.

Optional: 536; 542-5; 5834-7; 6001-5; 6043; 6152-6; 6476-80; 8483-5; 8493-502; 10,207-8; 12,413-21.

Objects of: 532; 3131; 6057; 6379-81.

Satisfactory working of: 5882; 5923; 5948.

Superannuation fund of: 532; 1971; 3132; 8937.

Voluntary tax on workers: 674-7; 2461.

Relief Funds (Individual.)

Central association for dealing with distress caused by mining accidents:

Advantages of: 8286; 8333-69.

Benefits of: 7877-8; 8272; 8324-7.

Constitution of: 8267-73.

Contributions to: 8273; 8286; 8315-23; 8340-3.

Employers' Liability Act, contracting out of: 8275-314; 8328-32.

Financial position of: 8272.

Meetings of: 8273; 8286.

Membership of: 8267-8; 8355-9.

Origin and objects of: 8266-72.

Midland District Miners' Fatal Accident Relief Society: 7296.

Area of: 7537-8; 7650.

Benefits of: 7297; 7301; 7543.

Contributions of:

Employed: 7388-90; 7539.

Employers: 7300; 7306-8; 7540-1; 7588; 7654-8.

Employers' Liability Act, no connection with: 7300.

Financial position of: 7544-5; 7589.

Friendly societies connected with: 7659-61.

Management of: 7582-7.

Membership of: 7302; 7304-5; 7546-8; 7590-3; 7650-3.

Origin of: 7303.

Monmouthshire and South Wales Miners' Permanent Provident Society:

Benefits of: 5454; 8403-5; 8518; 8526-9; 8568-71; 11,827-9; 11,854-5.

Branches and sick funds of: 8368-82; 8413-22; 8429-32; 8456; 8516-7; 8519-22; 8552-8.

Complaints *re*: 5453-4; 5457; 5502-7; 5519.

Refuted: 8433-40; 8456.

Contributions of:

Employed: 8403; 8406.

Deducted from wages: 5453; 8440-6; 11,764.

Employers: 5454; 8385-90; 8403; 8408-11; 8423; 8447-56; 8518; 11,712; 11,820-6; 11,829-30; 11,834-5; 11,850-4; 11,860-4.

Stipulations of *re*: 8388; 8424-8; 11,711; 11,862.

Refunded: 8382-4.

Relief Funds (Individual)—continued.

Effect of:

On new societies: 8521-2; 8529-31.

On wages: 11,852-3; 11,857-8.

Employers' Liability Act, contracting out of:

Compulsory: 5456-7; 8572; 11,716; 11,802.

Management of: 5453-5; 5516-20; 8161-2; 8366-7; 8391-402; 8448-56; 8504-5; 8515; 8524-5; 8532-5; 11,711.

Membership of: 5449; 5453-2; 5463-5; 8380; 8382; 8420-2; 8433-9; 8445; 8538-9; 8550-1; 11,711; 11,713-5; 11,856.

Method of enrolling: 8343-9; 8513-4; 8518-22; 8536-7; 8540-98572-5; 11,711; 11,764-5.

Number of: 5502-6; 8364-7; 8412; 8507-12; 11,713.

Origin of: 5449-52; 8506-7; 11,824-6; 11,851; 11,859.

Rules of: 5458-62; 5520.

Northumberland and Durham Miners' Permanent Relief Fund Friendly Society:

Area of: 2470-2.

Benefits of: 2474-6; 2471; 2491; 2507; 2542.

Constitution of: 2468; 2493; 2564-5.

Contributions of:

Employed: 2492-81; 2543.

Method of obtaining: 2494-502; 2504-5; 2544-7; 2554; 8340.

Employers: 2482-92; 2511; 2514-7; 2523; 2526-30; 2555-63; 2566-78.

Employers' Liability Act, effect of, on: 2489-91; 2511-3; 2547-8.

Financial position of: 2491-4; 2503; 2516; 2531-8; 2544-51.

Membership of: 2469; 2471; 2474.

Origin of: 2469; 2472; 2504.

Relations with union: 2539.

Rules of: 2477-8.

Superannuation fund of: 2474-6; 2491; 2507-10; 2540-1.

West Riding of Yorkshire Permanent Relief Fund: 8078-9.

Remedies:

Accidents:

Coroner's inquests in Scotland advocated, 10,267; 10,704; 18,679; 18,694-8.

Acts of Parliament, amendments advocated:

Coal Mines Regulations Act: 583; 4990-1; 5052-6; 5276-314; 5405-10; 5432; 6198-203; 6250-6; 9843; 9870-1; 9982; 10,060; 10,088-98; 10,175; 10,267; 11,169-70; 11,564; 11,576-80; 11,616-8; 11,630-4; 11,683-5; 11,794; 12,564-5; 12,653-8; 12,689-95; 12,862-71; 12,909-25; 13,712-5.

Employers' Liability Act: 497-501; 562-8; 583; 5457; 8286; 8308-10; 13,288-96; 13,364-5.

Arbitration and conciliation:

Arbitration, advocated: 338; 3096; 4097-9; 6183; 6235; 6249; 6330-6; 6550; 7238-42; 7253; 7309-12; 7594; 7702; 8021.

Deprecated: 1739; 1756-8; 2213; 2998-9; 3096-8; 6182; 6241; 6319; 6348; 6551; 7348-50; 7399-400.

Conciliation, board of, advocated: 404; 601; 4978; 5864-6; 5954-6; 5970-7; 6347; 6351; 7866; 7969.

Awards of, enforcement of, advocated: 1735-6; 1865; 1890-2; 1919-22; 1927; 1929; 1951; 1957-60; 6490; 6512-9; 6553.

Awards, legal enforcement of, advocated: 1866-9; 1896-9; 1927; 1951; 7392-3; 7396; 7678-94; 7702-15; 7821-8; 9023-6; 13,255.

State, board of, advocated: 8868-74; 8907-21; 9021; 13,255-6.

Deprecated: 601; 1920-2; 1928; 8020-1.

Remedies—continued.

Umpires: 2213; 2347; 4817-21; 4933-6; 7399.

State, advocated: 7310; 7368; 7391; 7395-7; 7524-7; 7597-9; 7678-80; 7702-4.

Black list:

Abolition of, advocated: 439; 467; 668-9; 4823-5; 4938-42; 4994-5; 5429; 5544; 12,718.

State interference in, advocated: 4493-500.

Employed:

Checkweighers, restrictions on, advocated: 13,632-3; 13,705.

Shelter for: 18,676-7.

Wages of, to be deducted from employed: 12,564.

House tenure, improvement in conditions of, advocated: 3768; 9813; 9881; 10,130-6; 10,200-7; 10,706-7; 12,722-3.

Pensions for, advocated: 1971-3; 8937; 9031-5; 13,290-4.

State insurance for, advocated: 8903-5; 12,590-1.

Unskilled labour:

Certificate of competency of, advocated: 3949; 4186-90; 4367; 4990-1; 5051-2; 5310; 5786; 10,175; 10,572; 11,684; 11,793.

Employers:

Criminal responsibility for accidents advocated: 13,289-96; 13,364-5.

Employment:

Double and treble shifts, advocated: 2641-7; 3289-304; 3308-9; 3491-503; 3592-612; 4078-81.

Deprecated: 113-4; 1915-6; 2015-8; 3970-3; 4071; 4183-5; 4335; 4776-88; 4889; 4914-24; 5078-9; 5089-93; 5138-49; 6558-9; 7896-9.

Sub-contract system:

Abolition of, advocated: 5430; 7554-8.

Deprecated: 7328-30; 7718.

Eight hours' day (see subject heading).

Inspectors:

Increased number of, advocated: 3905; 4460-1; 4668-9; 4717; 4984; 5429; 5551-3; 6768-70; 8224; 9832; 10,019; 10,068; 11,223-6; 11,696; 18,757.

Practical men, appointment of, advocated: 578-81; 4461; 4554-6; 4681-3; 5551-3; 6672-3; 6688-94; 6882-4; 9832; 10,022; 10,075; 11,096; 11,111; 11,222; 11,303; 18,716-7.

Deprecated: 6626-7; 6765; 6768; 8247; 11,950-3; 12,049-51.

Joint committees:

Enforcement of awards, by compensation: 1736; 1890-2; 1919-22; 1951; 1956-9; 1984-5; 1999-2000; 2064-7; 2076-82; 6490; 6512.

Umpires for, advocated: 4819-20; 5794-6; 9878; 11,698.

Deprecated: 11,698-701.

Labour:

Limitation of hours (see *Eight Hours' Day*).

Weekly holiday, compulsory, advocated: 4838-9; 12,836-42.

Production:

Statistics on output, advocated: 10,267.

Sliding scales (see subject heading).

Socialism:

Nationalisation of property, advocated: 10,367-84; 10,483-5; 10,713-20; 12,573-87; 12,878-98; 12,944-6; 12,974-13,050; 13,284-96; 13,412-5.

State interference (see Arbitration under *Remedies*).Blacklisting, under *Remedies*.

Eight hours' day—subject heading of.

Employed. Insurance for, under *Remedies*.Wages, under *Remedies*.Strikes, prevention of (see under *Strikes*).

Remedies—continued.**Trades unionism :**

Executive, greater loyalty of members to advocated: 1735; 1787; 1966; 1998; 2004-5; 2019-21; 2060-3; 6182.

Officials of, protection of, advocated: 133-5; 459-40; 464; 477-9; 668-9; 4489-93.

Unemployed :

"Home Colonies" for: 12,590; 13,118-47; 13,279-87.

Wages :

Deductions. Conference *re*, advocated: 9871.

Fixed minimum, advocated: 12,588-9; 13,105-7; 13,259-62; 13,248-58; 13,408-14.

Standard for, advocated: 5543.

State interference in, deprecated: 3541-4; 3674; 4090-5; 4596-7.

Wages board, advocated: 2931-9; 3120-3; 3172; 3193-8; 12,588.

Sanitation :

Bad: 12,723.

Good: 2102; 2594; 2685; 6486; 6621.

Temperature of mines: 2683-5; 11,629; 12,080; 12,198.

Ventilation, bad: 2594; 11,806.

Fair: 5390; 6621; 18,831; 18,857.

Good: 6487; 10,926; 12,151-2.

Inspection of: 4235; 10,926; 12,279-84; 12,904-8; 18,857.

Inspectors of: 10,079-82; 10,201-6.

Prosecutions *re*: 18,831; 18,860-3.

Sliding Scales (Generally) :

Adjustment of: 241-8; 2117-3; 2872-6; 4419; 4440-2; 4541-5; 4605-19; 5493-6; 6431-2; 6507; 10,838; 10,846-7; 11,676.

Advantages of: 157; 2130; 2232-3; 2265-7; 2432; 2605; 3133; 4241; 4975; 5492-6; 6491; 13,843-6.

Disadvantages of: 3980-1; 5873-7; 6185-9; 6242-4; 6507; 13,657-61.

Agreement, violation of: 2249-52; 4432-6; 4565-6; 4728-36; 4807-16; 4826; 5496; 5566-70.

Approval of: 89; 237-8; 404; 2607-8; 3989-90; 4096; 4870; 5428; 5969-76; 7314-5; 8877; 10,267; 10,468-70; 10,717; 13,265; 13,522; 13,602; 13,818; 13,843.

Arbitration *re*, advocated: 47; 215-7; 588-9; 4097-9.

Deprecated: 76-88; 121; 160; 213; 249; 338; 588; 2921-4; 3096-8.

Attempts to establish: 2930; 3813-5; 5758-61; 5820-4; 5864-6; 6077-109; 7220; 7233; 7316-20; 7841; 7865-7; 7910-1; 7969-72; 10,260-7; 13,667; 13,762-3.

Awards of arbitrators :

Carried out: 2194; 5576-8; 5721-2; 6548; 10,839-43.

Enforcement of: 4254-6; 5581-3; 5698-708; 11,957-60.

Repudiated: 4256-61; 4443-5; 4634; 4813-6; 10,839-43; 11,956; 11,965-74.

Basis of: 71-2; 126; 155-9; 224-7; 4601-3; 4610; 5564-5; 11,562.

Ascertainment of prices: 122; 131; 3152-3; 4408; 4546-8; 4610; 6591; 10,843-4; 10,860-5; 13,444-9; 13,762.

Difficulty in obtaining satisfactory: 68-9; 130; 157-9; 256-7; 3168-72; 3813; 4048; 5771-4; 7320-4; 7404-8; 7415-34; 7487-92; 7501-3; 7910-1; 7969-70; 10,470.

Maximum and minimum rate of wage: 513-5; 1837-8; 2254; 3156; 4605; 6493-5; 10,838; 10,982.

Principle of: 46; 70-6; 245; 2117; 2883; 4564-71; 4602-4; 5565; 6582-5.

Sliding Scales (Generally)—continued.

Realised prices: 70-3; 123-5; 136-40; 201; 226-7; 241-3; 250-7; 612; 639-40; 4545; 6599-600; 10,838; 10,960; 13,446.

Settled by arbitration: 46; 1837; 2917, 10,838-9.

Negotiation: 4447-8; 4623; 4629; 5784-6.

Best means of avoiding strikes: 46; 51; 237-8; 404; 2130; 2250-2; 3133; 3991; 4976; 5771; 5784; 13,442; 13,522-4.

Settling wages: 157; 1795; 2130; 2189; 2229-31; 2597; 2605; 3075-7; 3133; 4445; 4476; 4481; 4598; 4975; 5540; 5786; 12,040-1.

Dissatisfaction and disputes *re*: 1994; 2872; 3980-1; 4439-43; 4562-75; 9873; 10,851-7; 10,954-6; 11,702-4.

'Double leads' or 'jumps': 144-5.

Effect upon prices: 2233; 11,047-50.

Trade: 2231-3; 2430-3.

Wages: 4901; 4869; 5274-5; 5670; 5786; 5872-7; 10,863-5; 11,047-50.

For separate collieries advocated: 239-41; 7405-8.

Improved relations of capital and labour through: 3980; 4241; 5972.

Improvement in: 154; 4544-5; 4598; 4613; 4619; 4868-9.

In operation: 1726; 4541-4; 4970; 5440; 5495; 5530-1; 5564; 5670; 5784; 5782; 10,836-7.

None in operation: 23; 52-3; 1731; 1793; 2113; 2121; 2148-9; 2876; 3719; 5820; 5863; 6786-7; 7840; 8864; 13,263; 13,762.

Notice to terminate: 46; 2872; 3169; 3981-7; 4261-3; 4562; 4607; 10,838.

Objections to: 3980-1; 6183-6; 7866; 7969; 8878; 9873; 13,603-10; 13,762; 13,819-22; 13,905-7.

Organisation and: 13,522-33.

Past :

Alteration in: 57-9; 2117-9; 6431-2.

Duration of: 20-3; 55-6; 1726; 2108; 2117-21; 2605; 2876; 3167-71; 6171-2; 6430; 7223; 7357; 13,263; 13,443.

Interregnum in: 1728-30; 2873-4.

Renewal of, suggested: 61; 67-9; 1793; 2190-3; 2605; 2929; 3164; 6510-1; 7233; 13,266; 13,440.

Termination of, by employed: 22; 60; 1727; 1732; 2131; 2605; 2876-8; 3169; 4262-74; 6173; 6433-5; 6503; 7222; 10,839; 13,443.

By employers: 46; 60; 127; 1733; 1837; 2108; 2117; 2876-8; 3149-51; 7230; 9878; 10,699.

Reasons for: 54; 57; 73; 127-30; 2108; 2131-40; 2605; 2872; 3154-63; 4261-3; 6174-5; 6436; 6504-5; 7221-30; 7358-63; 7403-4; 9873-8; 10,260-6; 10,699-701; 13,264.

When terminated: 53; 609; 1730-1; 1790; 2108; 2118; 2605; 2876; 3146; 6434; 6438.

Rate of advance: 142-53; 250-5; 286-7; 610-4; 2117-9; 2150; 4545; 4603-4; 4611; 4617-8; 4806-10; 5786; 6582-7; 10,838; 10,957-61; 11,047-50.

Reduction in rate: 2108; 2117-9; 2131-40; 2178; 2219-28; 2872-5; 2909-12; 2956-61; 3146-7; 4605.

Satisfactory working of: 4544; 5786; 5790; 10,849-59; 10,867; 10,951-3; 11,652-3.

Sliding scale committee :

Cases dealt with by: 3980; 4251; 4408-13; 4419-39; 4548; 4564; 4634-42; 4970-3; 5440-4; 5448; 5530-7; 5564-70; 5586-9; 5672; 5723-6; 11,652; 11,678-82; 11,702-6; 11,717-8; 11,731; 11,784-92; 11,809; 11,836-46; 11,961.

Composition of: 3980; 4408; 4420-1; 4550-3a; 4419-39; 4548; 4634-42; 4971-3; 5428; 5440-4; 11,652; 11,702; 11,900; 12,040.

Delay of, alleged: 3980; 5538-41; 5584-7; 5672-88; 5715-9.

Standard wage in: 474; 4608-9; 10,984-7; 11,654.

Strikes *re*: 2108; 2173; 2334; 2872; 4005; 4409; 4438; 5493; 5533-7; 9871-3; 10,842; 11,674; 11,731.

Sliding Scales (Generally)—continued.

Suggestions for future: 2192; 2606; 2609-10; 2931-5; 3164-6; 3171-4; 3213-5; 5955-6; 5957-68; 6490-6; 6506-9; 6544-7; 10,500-17; 10,628-9.

Umpires re:

Appointment of advocated: 2192-3; 3980; 3987-91; 4098-9; 4253; 4409-13; 4443-9; 4476-81; 4545; 4576-81; 4621-33; 4870; 4974; 4977-8; 5428-9; 5538; 5541; 5695-6; 5720; 11,698.

Deprecated: 121; 131; 136; 213; 249; 2196-9; 3981; 4439; 5573-5; 5694; 5697; 11,698-701; 11,733-7; 11,818; 11,836; 11,894-8; 11,956; 11,962-4; 11,971; 12,041.

Drawbacks to employment of: 3980; 4413; 4419-22; 4549-50; 4621; 4632-3; 4870; 4973; 5538; 5689-94.

Election of: 4871-7.

Variation in: 6543; 10,846-7; 11,654.

Vote re: 2190-3.

When established: 21; 1726; 2876; 4541-3; 4599-600; 5564-5; 5784; 7224; 7357; 9873; 10,838; 10,845; 11,047; 11,673-5; 11,702.

Sliding Scales (Individual) :

Ayrshire: 13,263-6.

Cannock Chase: 6430-7; 6490-6; 6503-11; 6543-7; 6582-9.

Carmarthen: (anthracite coal) 5784-5.

Durham: 51-61; 70-86; 121-31; 136-60; 237-57; 2597-8; 2605-10; 2616.

Fife and Clackmannan: 13,763; 13,843-6.

Lanarkshire: 10,260-1; 10,265-7; 10,468-70; 10,500-17; 10,623-9; 10,699-701; 13,440-51; 13,531-3; 13,603-10.

Lancashire, North (*Altham*): 6171-6.

Lancashire, West: 5820-4; 5863-77; 5969-77; 6097-109.

Leicestershire: 7220-33; 7314-24; 7357-63; 7403-8; 7415-34; 7487-92; 7501-3.

Northumberland: 2117-22; 2131-40; 2189-94; 2229-33; 2930-9; 2950-2; 3075-7; 3096-7; 3133; 3149-74.

Staffordshire, South: 10,836-51; 10,859-67; 10,951-61; 11,047-50; 11,057-60.

Tamworth: 5758-61; 5771-4.

Wales, South: 2190; 3980-91; 4241; 4408-13; 4443-8; 4476-7; 4541-53; 4563-81; 4598-569; 4728-36; 4863-77; 4970-8; 5429; 5530-1; 5538-41; 5564-70; 5584-9; 5670-726.

Yorkshire, South: 7840-1; 7864; 7969.

Socialism :

Effect of, on trades unionism: 10,035-9; 10,148-55; 10,281-3; 10,289-91; 13,162-72.

On relations with employers: 10,153-6; 10,284; 10,292-5.

"Home Colonies" advocated: 13,119-47; 13,279-87; 13,358-9.

In operation: 13,359-61.

Movement in favour of: 10,035-9; 10,049-51; 10,285; 10,789-91.

Nationalisation of mines and property, advocated: 10,142-7; 10,367-84; 10,397-407; 10,483-95; 10,718-20; 12,573; 12,576-85; 12,880-92; 12,974-5; 12,987-13,050; 13,412-5.

Advantages of: 12,579; 12,879; 12,978-88; 13,411-5.

No compensation to present owners: 12,580; 12,585; 12,944-6; 12,976-8; 12,993-6.

Resolutions, re: 12,573-5; 12,584; 12,878; 12,898-8.

State Interference (see *Eight Hours' Day and Remedies*).

Strikes (England).

Derbyshire:

Infrequent: 8606-7; 8859.

Safety lamps, re: 7254-5; 7505-10.

o 78188.

Strikes (England)—continued.

Durham:

Causes:—Deputies, re: 489; 1929-30; 1949; 1994.

Hours: 392-3; Putters: 1949; 1985; 1992.

Sacrificed members: 390; 432; Unionists and Non-unionists: 1976; 1986.

Various: 94; 390; 1711; 1837; 1949; 1978; Wages: 26,090a.

Cost to employed: 389-93; 415-21; 491; 584-7; 590-2; 603.

Depression in trade, effect of, on: 231; 358.

Duration of: 390; 411-4; 428; 1705; 1949; 1976; 1985.

General; None: 511; 1704-5; 2037.

Less frequent: 44-9; 65; 93; 347-50; 360-1.

Local: 48; 94; 390; 516-7; 587; 1706-11; 1782-5; 1865; 1929-30; 1976-8; 1985; 1992; 2041-8.

Individual; Durham wages dispute: 26,090a; Seaham and Silksworth: 391-3; 441; 487-91; 569; 591; 594-5; 599; 602; 1783-5; 1949; 1989-94; 2041-2; 2598; South Medomsley: 390; 405-10.

Ushaw Moor: 390; 428-32; 641-2; Vanes Hartley, 390; 425-7.

Number of: 1705; 1944-6.

Settlement of local disputes: 11-3; 19; 94; 595-8; 1712-5; 1850; 1947-50; 1978; 1985; 1994; 2599.

Lancashire and Cheshire:

Causes: Employers' Liability Act, contracting out of 5914.

Wages: 5829; 5833; 5868-9; 6159.

General in 1881: 5829-33; 5913-4; 5949-53; 5980-2; 6039-43; 8286.

Local: 5829; 5867-9; 5908-12.

Important in 1885: 6153-6; 6219; 6235-40; 6306-18.

Wigan: 6311-8.

Leicestershire:

Cause: addition of 2d. per ton applied for: 7217. In 1876; 7214-9; 7234-8; 7355-6; 7511.

Northumberland:

Causes: various; 2440; 2442; 2259; Wages: 2108; 2446-8; 2872.

Cost to employed: 2112; 2117; 2439-40; 2449; 3004.

Employers: 2905-9; 3005-18.

Depression in trade—effect of, on: 2948-50.

Duration of: 2095; 2259; 2440-1; 2873-4.

General, in 1877: 2117-20; 2212-3; 2917-23.

In 1887: 2108-12; 2116-21; 2132-4; 2181; 2211-3; 2219-28; 2446-8; 2671-5; 2903-4; 2906-16; 2936-73; 3000-3; 3145-50; 3275; 3283; 3673.

Less frequent: 3199-200; 6170-1.

Local: 2259; 2438-49; 2959; 3283; 3,396-7.

Staffordshire, cause, wages: 6463; 6775; 10,842-3; 11,057-9.

In 1883: 6774-9; 6838-9; 6871-6.

1874: 10,838; 10,842-3.

Local, Cannock Chase: 6462-6; 6570-4.

Yorkshire:

Local: 7858-63; 8036-7.

Cost to employed: 8035.

Strikes (Scotland):

Ayrshire:

Causes: deductions: 12,470; Hours, 12,457-8; 12,467.

Local: 12,457; 12,467-9; 12,834-41.

Busbiehead: 12,470-2; 12,537; 12,823-32; 18,914.

Procedure re: 12,439-43; 12,445.

Fife, Clackmannan and Kinross:

General: 3721; in 1877: 13,765-72.

Holidays, in lieu of: 3721-2; 3816-21.

Strikes (Scotland)—continued.

Infrequent: 13,744; 13,900-2.
 Local: 3723; 13,751-2; 13,765; 13,773-80.
 Lanarkshire:
 Association rules *re*: 13,546-54.
 Causes: Abolition of sliding scale: 9871; Wages: 9856; 9870-1.
 Local: 9871-2; 9979; 13,729-33.
 Blantyre: 10,254-9; 10,588-96.
 In 1887: 9853-8; 9862; 9871; 9878.
 Trades unionism, effect on: 9851-8.

Strikes (Wales):

Aberdare and Merthyr Districts:
 Cause, sliding scale: 4005.
 Dislike to strikes in: 4124-9; 4487; 4519-23.
 General: none: 4002; 4248.
 Local: 4003-4; 4245-9.
 Anthracite miners:—
 Brynamman: 5784-6.
 Neath, Swansea, and Llanelly Districts:
 Causes: Deductions, 5334-40; 5492-5; Wages: 4419; 4806-11; 4952.
 General, none: 4406-7.
 Local: 4404-5; 4419-42; 4797-814; 4950-1; 5430-48; 5491.
 Cost of, to employed: 4409; 4418.
 Number of men affected: 4404; 5508-15.
 Sliding scale established through: 4599-600.
 Rhondda Valley Districts:
 Association rules *re*: 11,769-70.
 Causes: Deductions: 5543; Wages: 11,702-4.
 General, none: 5528.
 Local: 5528-9; 5542-5; 11,784-93.
 South Wales and Monmouthshire:
 General, in 1875: 11,673-8; 11,702; 11,776-83; 11,813; 11,893-8.
 Infrequent: 11,677; 11,775.
 Local: 5428-9; 11,672; 11,702.

Strikes:

Prevention of: 606-7.
 Arbitration, by: 47; 588-9; 1734; 1864; 3208; 7253-4; 7594-5; 7678; 8868-74; 10,717; 13,255.
 Ballot *re*, improved system of: 1994; 2032-7.
 Conciliation, by Boards of: 404; 601; 3991; 6219; 7614-5; 8053; 8868; 10,717.
 Conference between employers and employed, by: 47; 360; 627; 1987; 9878; 13,250-4; 13,397-401; 13,440-1.
 Organisation of employers and employed, by: 48-9; 1786-9; 4995-7; 8038-9; 8053; 13,440-1; 13,553-4.
 Sliding scales: 45; 51; 237; 404; 2130; 2189; 2951-2; 3133; 3991; 4976; 5771; 5784; 7864; 10,717; 11,678-82; 13,442; 13,522-4.
 Trades unionism, by: 8857-9; Compensation from: 1999; 2064-7; 2076-80.
 Executive of, fuller powers to: 1987; 1994-8; 2005; 2020-1; 2181; 2598-9.
 Umpires and legal referees, by: 3991; 4974-7; 4933-6; 7678-80; 7864; 8868-9.

Sub-Contract System (see under *Employment*).**Trades' Unionism**:

Advantages of: 358-61; 3200; 3880-59; 9969-71; 8857-8; 9995-7; 10,059; 10,064-5; 10,431-2; 13,148; 13,266-8; 13,762.
 Allowance to:
 Out-of-work members: 205; 389; 418-21; 433-5; 478-86; 502-12; 522-6; 641-2; 672-7; 1779; 2457-61; 5700-8.

Trades' Unionism—continued.

Sacrificed members of: 389; 400; 2451-7.
 Attempts to establish: 9783-9; 9851-61; 9892-905; 9936-43; 10,034-9; 10,148-53; 10,274-83; 12,718; 12,950-73; 13,300.
 Badge of: 7263.
 Conduct of business of: 1992; 1995; 2265; 3457-60.
 Co-operative undertakings of: 2125-8; 2195-200; 2206-9.
 Delegates: Lost time of: 1884-7.
 Selection of: 3361-8; 13,252-4; 13,780.
 Treatment of: 1702; 1846-60; 1877-85; 3757; 7855; 10,250; 11,465-6.
 Districts: Strong organisation in various: 3887-8; 6107; 7491; 8636-9; 9893; 10,160; 10,290; 10,408; 13,760-1.
 Weak: 7231-9; 7502; 9851-61; 9892-905; 10,150-64; 10,274-96; 12,558-62.
 Effect upon strikes: 93; 347-50; 359-61; 4482-92.
 Trade; 1942-3; 2264-5; 2943-9; 2979-80.
 Employers:
 Better understanding between employers and, advocated: 1789; 6520-2; 8053; 10,422; 11,720-1; 15,250; 13,397-9; 13,402-8; 13,440-1; 13,452; 13,490-3; 13,521-6; 13,602; 13,689; 13,898-901.
 Friendly relations with Associations of employers: 11; 103; 1696; 1702; 1947; 1987-8; 2871; 2955-76; 3127; 3200; 3209; 3715-8; 5752-3; 5764; 6132-5; 6572-3; 6780-5; 6877-9; 7837-8; 7855; 7907; 8082; 8860-3; 10,262-4; 10,858; 11,670-1; 12,604; 13,438; 13,528-30; 13,681; 13,762; 13,770; 13,781; 13,788-90; 13,815; 13,902.
 Non-recognition of, by employers: 7662-3; 7669; 9859-61; 10,253-4; 12,430-1; 12,598-9; 12,604-8; 13,432-9.
 Opposition to, by employers: 9786; 9898; 9936; 9973-4; 10,250; 12,718; 12,957-85; 12,971-3; 13,152-4; 13,216; 13,301-2.
 Relations with individual employers: 582-3; 593-4; 604-7; 1936-9; 2181-3; 2596; 3980; 7257; 10,153-6; 10,947-50; 12,438-43.
 Executive: Powers of: 1994-2005; 2045-8; 2956-78; 4808-10; 4816.
 Want of loyalty of members to, alleged: 1735; 1787-8; 1865; 1938-41; 1966; 1979-80; 1985; 1994-8; 2002-5; 2019-21; 2028-9; 2060-3; 2083-5; 2261; 3148; 3210-1; 6182; 13,309; 13,677-80.
 Denied: 2262; 2265; 6555; 7381.
 Federation and: 2404-5; 2465-7; 2596-9; 2625-33; 10,851-7; 10,954-6; 11,669; 13,155-8.
 Hours: Desire for eight hours' day: 2634; 2695-700; 3186-7; 3272-5; 3410; 3574; 3693-5; 4412-4; 4417; 5072-4; 5122-31; 5554-61; 5887; 6526; 8724-8; 9823; 9922; 13,248.
 Depreciated: 2164; 2388; 3696-701; 5887.
 Difference of opinion, *re*: 4006-12.
 Reduction of, through: 2242; 3040; 3385; 3404; 3773-81; 3832; 3855-62; 4049.
 Regulation of, by: 421-2; 649-56; 678-82; 12,447; 13,232-6.
 Inspection and: 222; 578-82; 6709; 8177-93; 10,238-49.
 Membership of, compulsory: 489-90; 1900-4; 1935.
 Decrease in: 2109-11; 6554; 10,415-8; 10,422; 12,593-7; 13,152; 13,163-72; 13,305.
 Increase in: 202; 4364; 6497; 8364; 13,149-51; 13,163.
 Unskilled: 4321-5.
 Non-unionists and members of:
 No difficulty with: 204; 272-4; 3980; 4463; 6498-9; 10,931-41; 11,669; 12,403; 12,556; 13,783-4.
 No distinction made by employers *re*: 1761-2; 6500; 7213; 10,940; 11,467; 11,670; 11,719; 12,401; 12,412; 12,793-4.

Trades' Unionism—continued.

Proportion of: 203; 269-80; 284-5; 519; 2090-3; 2109-11; 2141-6; 3709-14; 3944-6; 3980; 4391-3; 4724-36; 4963-5; 5498; 5522-3; 5763; 6552; 9932-5; 10,409-14; 12,426-8; 12,558-62; 12,605-7; 12,947-9; 13,159-62; 13,306-8.

Refusal to ride in same cage: 1702; 1711; 1900; 1931-4; 1976-7; 7856-7; 8083.

Refusal to work together: 1900; 1935; 1976-7; 7263-6; 9846; 10,155; 13,781.

Resolution *re*: 1900; 1965-70; 12,400-2; 13,781.

Objections to: 13,440; 13,525-6; 13,677-81; 13,686-8.

Origin of: 93; 1887-9; 10,288-9.

Overtime and: 1990-2; 6810-6; 13,246.

Sacrificed members of:

Change of name of: 439; 464-6; 4863-7; 10,250; 10,723-4.

Definition of: 435-8.

Dismissal of: 41-2; 99; 132-4; 232-5; 325-7; 421; 439; 464; 666-71; 1702; 1877; 3757; 3980; 9786; 9839; 9846; 9981; 10,250-2; 12,546-8; 12,718; 12,957-61; 13,127-30; 13,304; 13,308-9; 13,489; 13,592-3.

Exceptional cases of: 100-1; 439; 4238-41; 11,465-6; 11,669.

Protection of, advocated; 133-5; 439; 464; 467-9; 668-9; 4489-93.

Black listing (see subject heading).

Strikes and: 93; 347-50; 1994-5; 2041-5; 2064; 2174-80; 2596-9; 3816-21; 4995-7; 5430-2; 5981-2; 5889-9; 8038-9; 8857; 8865-6; 8871; 10,039; 10,593; 13,250-5; 13,812-4.

Unemployed and: 2124; 2245-8; 12,590.

Witnesses, connection of, with: 1-3; 384-5; 2086-9; 2434-6; 2579-83; 3260-9; 3362-8; 3707; 3942-3; 4388-90; 4943; 4958-60; 5343-52; 5424-6; 5497-9; 5502-5; 5521; 5724; 5734; 8360-2; 8700-2; 8856; 8939-42; 10,157-8; 10,270-3; 10,731; 11,078; 11,214; 12,422-3; 12,728-35; 13,156; 13,297-9.

Unemployed :

Cause of: 2245-7; 2367-9; 2422-3; 8115-8; 12,590.

Class of: 13,127-9; 13,327-33.

"Home Colonies" for: 12,590; 13,118-47; 13,279-87.

No work for: 12,617; 12,622.

Provision for, by Union: 205; 389; 418-21; 433-5; 478-86; 502-12; 522-6; 641-2; 672-7; 1779; 2124; 2245-8; 2457-61; 5700-8; 12,590.

Wages :

Adjustment of: 281; 1792-4; 2037; 2252-4; 3133; 3857; 5825-7; 5833; 5848-9; 6571-5; 6790-5; 7512-4; 7858-60; 8874-6; 9856-70; 9878; 10,254; 10,418-21; 10,521; 11,897; 12,432-8; 12,445-6; 13,756-9; 13,762; 13,827-30.

Notice of: 12,435-8; 13,456.

Arbitration by: 1713-5; 2117; 2193-4; 6162-2.

Conciliation by: 64; 474.

Negotiation by: 24; 62-3; 609; 1696; 1733; 1790; 2037; 2122-3; 2969-71; 3134; 3720; 5751-4; 5870; 6126-35; 6343-6; 6437-43; 7192-3; 7234-7; 7243-4; 7663-76; 8860-3; 9863-5; 10,946-7; 11,702.

Umpire by: 125; 131; 1713-5; 4478-80.

Advance in rate of: 609-10; 2190; 2271-2; 2285; 5872; 5958-60; 6463-5; 6573-4; 6748-50; 6790-5; 6872-3; 7217-8; 7376; 8875-6; 9864-9; 10,518; 13,726-8.

Reduction in rate of: 2108; 2131-40; 2178; 2213; 2219-27; 2909-12; 2956-60; 3008-10; 3018; 3075-6; 3211; 3721; 3816-8; 5833; 6159-61; 7957-8; 8860; 8874; 10,176-8; 13,154; 13,546; 13,663-7; 13,726-8; 13,751-2; 13,767-80; 13,812.

Allowances considered in: 363-5; 2108; 2909; 2914-5; 3881; 4155-67; 5736-43; 13,637.

Average earnings of:

Banksmen: 25.

Enginemmen: 2590; 2647; 2653-4; 6748.

Wages—continued.

Hewers: 25; 314; 2095-6; 2249-53; 2892-5; 3099; 5041; 5253-73; 5854-61; 6715-21; 6740; 6747; 7321; 7412-4; 7842-7; 9796-7; 10,518; 10,984-94; 12,089-90; 12,693-4; 12,246-7; 12,334-5.

Onsetters: 25; 2097; 6747.

Ostlers: 6740.

Overmen (Firemen, Deputies): 6740; 10,518.

Pumping men: 2589-90.

Roadmen: 6740; 10,518.

Stallmen: 7194; 7342-7; 7641; 7720; 7723.

Stonemmen: 25; 2097.

Timberers: 6740.

Unskilled labourers: 5414-6.

Average wages in:

Ayrshire: 12,473-8; 12,633-44; 12,783-93; 13,173-8; 13,220-4; 13,366-9; 13,913-5.

Durham: 484; 1698-9; 2567.

Fife: 3963.

Lanarkshire: 9987-93; 10,164; 10,422; 10,424-6; 10,518-9; 10,686; 13,559-70.

Lancashire: 5854-61; 6204-8.

Northumberland: 2094-5.

Staffordshire: 5736; 6439-40; 6753; 7412; 10,838.

Wales, South: 4140-6; 4843-54; 5253-73; 5414-6; 5632-4; 5656-69; 12,334-42; 12,350-5.

Yorkshire: 7881.

Committee, Wage: 2178; 2190; 2219-35; 2240; 2912.

Deferred pay: 10,210-23.

Effect of:

"Boy turn," on: 9983-94.

Depression in trade, on: 358; 3397-9; 5022-5; 6753; 6819; 13,752.

High wages, on absenteeism, &c.: 1739; 5861; 5904-6; 6097-97; 6753; 6819; 6850; 7259; 7378-80; 7608-11.

Limitation of hours, on: 2271; 2285; 2301-5; 2337; 2649; 2653-4; 3324-40; 3639-43; 3658-61; 4130-1; 4147-8; 4275; 4838-9; 5026; 5042-5; 5786; 5797-8; 6297-9; 6575-6; 8004; 10,970; 11,372-6; 11,917; 12,108-16; 12,139-44; 12,465; 13220-4; 13,405; 13,672-5; 13,716-25.

Prices, on: 2882-3; 2980; 3018; 3133-5; 3148; 3154-5; 3160-3.

State interference in: 3677.

Fines and deductions:

Abuses in, alleged: 3951; 9811; 9871; 10,099-108.

Agreement, *re*: 2071; 10,029-33; 10,040-53; 10,179-82; 11,907; 12,712-3c; 13,752; 13,855-72; 18,850; 19,938.

Amount paid in: 3951; 10,182; 10,185-8; 10,190; 10,694-5; 11,460; 12,685; 13,627.

Attitude of employed to: 472-3; 476; 3951; 5432; 9811; 9871; 10,029-33; 10,179-200; 10,451-7; 10,528; 10,587; 13,627; 13,642; 13,698-9.

Audit of accounts of: 9811; 10,179.

"Billy Playfair" system of: 2442; 3751-4; 3757.

Cost to employer: 13,627.

Disposal of: 333-4; 449; 1971; 2068; 11,907-8.

Improperly filled tubs: 32-4; 196-7; 449; 2071; 2097; 3951; 9811; 10,889; 10,995; 11,460-4; 11,685; 12,682; 13,627.

Infrequent: 6273; 11,460-4; 11,541-58; 11,907-8; 11,977.

Inspector's views on: 18,667; 18,834; 18,850-1; 18,938-9.

Lamps: 6014-5; 7246-56; 7370-2; 7504; 10,184-5; 12,352; 13,457; 13,639; 13,704.

Disputes *re*: 7246-56; 7504-28.

Legality of: 2068-72; 6276-84; 6301-5; 6352-6; 9870; 10,531-8; 10,587; 11,978-83; 12,689-95; 12,704-13; 13,218-9; 13,855-72; 18,850-1; 18,938-9.

Wages—continued.

Medical attendance: 9811; 10,052-3; 10,190-200; 10,452-7; 13,639-42; 13,857.

Option of fine or legal summons: 6273-4; 11,907-8; 11,983.

Prosecutions *re*: 3899-900; 3951.

Reasons for: 475-7; 13,627-9.

Settlement of scale of: 456-63; 3754; 5432; 5440-8; 10,451; 10,896-9; 12,683-4; 12,688; 13,627; 13,703-4.

Sharpening tools: 3897; 6014; 6016-20; 9811-2; 10,040-51; 10,179-83; 12,696-713; 13,547; 13,638-9 P 13,857; 18,850; 18,938.

Strikes *re*: 5437-48; 5492-5; 9811; 11,685; 12,689; 12,827-31; 13,627-9.

Suggestions *re*: 5543; 9871; 11,685.

Various: 2097; 3951; 9811; 10,528-31; 11,460; 11,542-8; 11,975-7; 12,686-7; 13,457; 13,856-7.

Weight of impurities subject to: 332; 449-55; 470-2; 2068; 5432-48; 9811; 10,185-9; 10,190; 12,685; 13,627; 13,699-702.

Fluctuation in: 9-10; 1699; 2149; 5848-50; 6164; 6717-21; 6753; 7720; 7845-6; 7858-60; 8874-5; 9863; 10,176; 10,427-32; 10,521-31; 13,663-7; 13,726-8.

Former: 220; 3331-6; 4170; 7575; 10,382; 10,397-537; 11,906.

Higher than present: 4168-72; 4645-7; 7377.

Might be higher, alleged: 2153-5; 9796; 9910-2.

Minimum, fixed, suggested: 10,384-93; 12,588-9; 13,105-7; 13,259-62; 13,343-58; 13,408-14.

Output, restriction of, and: 10,164-5; 10,296-300; 10,324-407; 12,443-6; 13,051; 13,220-4; 13,356-7; 13,366-74; 13,669-71.

Payment of:

By contractors: 31.

"Darg" system: 13,187-9; 13,368-70; 13,563-71.

Day wages: 513; 6747; 9810; 10,507-8.

"Field" price: 5957.

Fortnightly pays: 2554; 6834; 12,763.

Holers' day or stint: 6491; 7722.

Pay lines: 3783-807; 3898; 13,752; 13,849-53; 13,860-2.

Piece work: 25-6; 2097; 3657-8; 6747; 7321; 7722; 9810; 11,051; 12,090; 12,093-4; 12,465; 13,213-4.

Weekly Pays: 5833-4; 12,763.

Rise in: 2150-2; 4868-9; 5754; 5833; 6441-2; 6715; 6753; 11,250-4; 12,445-6; 12,633-44.

Continental: 10,493-5.

Preferred to shorter hours: 3572-3.

South Stafford and East Worcester Wages Board: 10,840-67.

Standard rate of: 7844-5.

State interference in, deprecated: 3541-4; 3674; 4090-5; 4596-7.

Suggestions *re*: 7823-5.

Uncertainty of: 9796-806.

Wages—continued.

Variation in: 4144-6; 4643-7; 5871; 6439-43; 13,559.

In localities: 9906-13; 10,164-5; 10,296-7; 10,422; 10,686; 12,383-6.

Wages Board suggested: 2931-9; 3120-3; 3172; 3193-8; 12,588.

Women's Labour.

Appeal against, by men: 4527.

Employed, formerly: 4525-6.

None: 8; 91-2; 4394; 4524; 11,665.

Number: 5935-6; 11,665; 11,729.

Hours of: 5938.

Prohibition of, in Scotland: 13,206.

Wages of: 5937.

Workmen's Dwellings.

Accommodation in:

Difference in: 619-23; 3876.

Free: 37-9; 2111; 317; 322-4; 362; 569; 2040-1; 2097; 2415-7; 2591; 3762; 3881.

Good: 324; 618; 2355; 13,634. 1

Insufficient and bad: 318-21; 615-8; 2357-61; 9887-9; 10,077-8; 10,084-7; 10,200-6; 10,644-5; 12,723; 13,211-2; 13,311-5; 13,458.

No free: 7848; 7912; 9813; 9975; 10,200; 11,655; 12,344; 12,480.

Allowance for, in lieu of: 37-9; 2097; 2418-21.

Building of, by County Council suggested: 12,586-7.

By Employers: 374-6; 9881-5; 9919-21.

Difficulty in obtaining land for: 12,519-20; 13,314-5.

Evictions from: 325-7; 366-9; 1994; 3763-8; 10,298; 10,449-50; 10,706.

Gardens to: 39; 618; 2592; 13,634.

Improvement in: 10,646-7; 10,650-2; 12,486; 13,634.

Owned or rented by employed: 3286; 6593; 7148; 10,376-7; 10,892-3.

Owned by employers: 2281-3; 2355; 3764; 7913-4; 9814-5; 9878-9; 9918; 12,481; 12,721; 13,458; 13,634.

None: 7250; 7568-9.

Objections to: 369-70; 3762-8; 9813; 9878-85; 10,130-6; 10,171-2; 10,267; 12,494; 12,501-12; 12,722; 13,636.

Proportion of employed provided with free: 194-5; 212.

Proximity of, to mine: 10,137; 12,212-21; 12,228-32; 12,486; 13,753.

Rent paid for: 3763; 3877-80; 5858; 6445; 7912; 9886-90; 9975-6; 10,052; 10,200-1; 12,480-7; 12,721; 13,312; 13,458; 13,634.

Sanitation of: 318-21; 6594; 12,723.

Inspection *re*: 10,079-86; 10,202-7; 10,648-50.

Tenure of; contract of service: 367-70; 569; 3762; 9817-20; 12,484-6; 12,722; 13,634-6.

Water and taxes free in: 13,458; 13,634.

Widows provided with: 493.

COKE-MAKING.

Witnesses:—Employed: Foster, Ernest, (2707-2834); Hansom, Robert (2835-2855).

Districts and places referred to :

Bankfoot (*Durham*): 2736.

Bear Park (*Durham*): 2795.

Durham: 2708; 2770.

Newcastle: 2757; 2793.

Northumberland: 2708.

Allowances: 2721-4.

Arbitration and Conciliation :

Attitude of employed to: 2752; 2765-6; 2805; 2809-11; 2816; 2821; 2839; 2844.

Awards—repudiation and reversal of: 2748; 2753; 2766; 2804; 2839-43.

Cases referred to: 2801-3; 2820; 2839.

Important: 2712; 2752; 2760; 2774; 2805; 2853-5.

Arbitration and Conciliation—continued.

Federation Board and: 2739; 2741; 2812; 2815-21; 2844.

General arbitration: 2766; 2801; 2804.

Joint Committees and: 2740-1; 2748-9; 2752-3; 2760; 2795-9; 2830; 2845-52.

Associations:

Durham (and Northumberland) Ockemen's Association: 2707-12; 2737-8; 2740; 2754; 2765; 2767; 2821-2; 2824-34; 2835; 2844.

Federation Board, the: 2739-40; 2741; 2756; 2769; 2796; 2812-20; 2844.

Joint Committee: 2740-1; 2748-9; 2757; 2760; 2796; 2839; 2845-50; 2853.

Owners' Association: 2741; 2754; 2757.

Employed: 2708; 2728; 2750-1.

Lodging and rent of: 2721-2.

Employers: Firms of: 2734-6; 2738-9; 2793.

Managers: Fuller powers to, for settlement of local disputes: 2759-9; 2791-6; 2821-3; 2838-9.

Employment: Conditions of: 2729-36; 2749; 2773-7.

Labour: Average hours worked: 2728-36; 2749; 2767; 2776-83.

Overtime: 2781-3; 2845-55.

State Interference in, opposed: 2767; 2784-90.

Relief Funds: 2824; 2828-34.

(See Northumberland and Durham Miners' Permanent Relief Fund Friendly Society under Coal Mining, also Mr. Steele's evidence: 2468-2578 Vol. I.)

Remedies:

Labour, State interference in hours of, deprecated 2767; 2784-90.

Managers, fuller powers to, for settlement of local disputes: 2757-9; 2791-6; 2821-3; 2838-9.

Sliding Scales: Approval of: 2727; 2807.

Difficulties in and objections to: 2727; 2806; 2808.

None in operation: 2726.

Renewal of considered: 2806.

Strikes: Causes of: 2737-8; 2850.

Cost of: 2739.

Development and settlement of: 2739; 2741-7; 2812-20; 2845-55.

Prevention of: 2748-9; 2844.

Disputes (see under *Employers*).

Trade Unionism: 2709-11; 2737-8.

Strikes *vs*: 2738-42.

Unionists and Non-unionists: 2764.

Wages: Average: 2749; 2769-70.

Deductions and fluctuations in: 2721-5.

Fixture and payment of: 2716-9; 2769-74; 2801-3.

Rate of, change in, desired: 2770-5.

CUTLERY.**Witnesses:**

Employed: Fretwell, Alfred (19,630-768); Holmshaw, Robert (19,381-617 and 19,769-871); Wardley, William Farewell (19,287-380, and 19,618-629).

Districts and places referred to:

Barnsley (*Yorkshire*): 19,437; 19,441.

Brightside (*Yorkshire*): 19,556-9.

Chapel-en-le-Frith (*Derbyshire*): 19,441.

Chesterfield (*Derbyshire*): 19,441.

Doncaster (*Yorkshire*): 19,437-41.

Europe: 19,628.

Goole (*Yorkshire*): 19,441.

Grimsthorpe (*Yorkshire*): 19,557.

Grimsby (*Yorkshire*): 19,437-8; 19,441.

Rotherham (*Yorkshire*): 19,437; 19,441.

Sheffield (*Yorkshire*): 19,287; 19,289; 19,293-4; 19,314; 19,322; 19,338; 19,345; 19,368; 19,387; 19,437-8; 19,441-2; 19,452; 19,456; 19,485; 19,498; 19,500; 19,520; 19,524; 19,538-9; 19,548; 19,552-3; 19,599; 19,606; 19,612; 16,618; 19,625; 19,629; 19,630; 19,637; 19,639; 19,842; 19,845.

S. Yorkshire: 19,437; 19,441.

United Kingdom: 19,437.

Accidents:

Causes of: 19,435; 19,587-9; 19,594-5; 19,638.

Acts of Parliament:

Arbitration Act: 19,427.

Education Act: 19,444-5.

Factory and Workshops Act: 19,445-9; 19,473; 19,475-6; 19,611; 19,614; 19,638.

Amendment of proposed: 19,444-6.

Acts of Parliament—continued.

Industrial and Provident Societies Act: 19,853-4.

Amendment of proposed: 19,854.

Merchandise Marks Act: 19,325-8; 19,338.

Trades Union Act: 19,854-7.

Allowances: 19,300; 19,634.

Edge tool grinders, steam-power and rent to: 19,405-9; 19,491-3; 19,506; 19,531-3; 19,571-5.

Apprenticeship: 19,514; 19,726; 19,772-87.

Arbitration and Conciliation:

Awards, enforcement of, considered: 19,335-7; 19,344-55; 19,429-30; 19,434; 19,483.

Boards of Arbitration and Conciliation advocated: 19,427; 19,609; 19,618; 19,677.

Employers, attitude of, to: 19,338-42.

Method of forming Boards: 19,329-52; 19,623-5.

State Boards of, advocated: 19,293; 19,353; 19,427; 19,616-18.

Umpire resorted to: 19,680.

Joint Committees: 19,329; 19,338; 19,675.

Efforts to form: 19,338-43.

Employers, attitude of, to: 19,339-42; 19,675.

Strikes *vs*: 19,347.

Associations:

Of Employed:

Amalgamated Engineers' Tool-makers: 19,295-6; 19,302-7.

Fork Grinders' Union: 19,516-7.

Razor-Grinders' Union: 19,843.

Scissor Grinders' Association: 19,382-91; 19,403; 19,416-24; 19,444-72; 19,812-21; 19,853.

Associations—continued.

Spring-knife Cutlers' Society : 19,630-7 ; 19,644-64 ; 19,671-4.
 Spring-knife Grinders : 19,525-6 ; 19,530.
 Table Blade Forgers and Strikers' Trade Society : 19,288-316.
 Cutlers' Company : 19,332 ; 19,338 ; 19,618.

Boy Labour :

Apprenticed : 19,295 ; 19,772-86.
 Number employed in : 19,295-6 ; 19,694.
 Unhealthiness of trade for : 19,444-6 ; 19,468-70 ; 19,752-5.

Capital : 19,937 ; 19,853 ; 19,864-70.

Co-operation :

Advantages of : 19,848-9.
 Co-operative Society : 19,822-69.
 Bonus and plus system : 19,822 ; 19,865-6.
 Capital of : 19,837-8 ; 19,843 ; 18,853 ; 19,856 ; 10,864-5.
 Manager of : 19,850-2.
 Shareholders of : 19,832-40 ; 19,859.
 Sub-contract system *re* : 19,845.
 Wages, Trades Union rate of : 19,849.

Councils :

Trades Council, Sheffield : 19,287 ; 19,314-5 ; 19,331-45 ; 19,381 ; 19,534-47 ; 19,597 ; 19,618 ; 19,630 ; 19,665-9.
 Chamber of Commerce : 19,331-8 ; 19,618.

Eight-Hours' Day :

Advocated : 19,535-7.
 Trade option, by, advocated : 19,293 ; 19,375-80.

Employed :

Allowances to : 19,300 ; 19,634.
 Edge tool grinders, steam-power and rent : 19,405-9 ; 19,491-3 ; 19,506 ; 19,531-3 ; 19,571-5.
 Alleged damage by : 19,497-501.
 Classes of :
 Amalgamated Engineers' toolmakers : 19,293 ; 19,295-307 ; 19,356.
 Journeymen : 19,845-7.
 Outworkers : 19,300.
 Various : 19,293 ; 19,559.
 Complaints of : 19,638-9.
 The Excessive hours : 19,454.
 Inspection : 19,437 ; 19,450-1 ; 19,475-80 ; 19,598-600.
 Lost time : 19,442 ; 19,643 ; 19,709-10.
 Payment of rent : 19,639-43 ; 19,695-8 ; 19,767-8.
 For machinery, &c. : 19,442-3 ; 19,455-67 ; 19,474 ; 19,489-92 ; 19,527-30 ; 19,541-7 ; 19,769-71.
 Quality of cheap goods, misrepresented : 19,293 ; 19,322-8.
 Sanitation : 19,435 ; 19,468-70 ; 19,473 ; 19,496 ; 19,585-95 ; 19,637-8 ; 19,756-60.
 Wages, rate of : 19,472 ; 19,638-9 ; 19,701-5 ; 19,794-5 ; 19,821.
 Displacement of : 19,293 ; 19,356-60.
 Health of : 19,468-70 ; 19,473 ; 19,614-5.
 Hours of labour of : 19,303-5 ; 19,321 ; 19,710-6.
 Labour, see also under :
 Inferiority of, under sub-contract system : 19,722-4 ; 19,788-90 ; 19,797-800.
 Legal reforms advocated : 19,444-6.

Employed—continued.

Number of : 19,293-9 ; 19,356-7 ; 19,366 ; 19,372 ; 19,384-6 ; 19,493-4 ; 19,516 ; 19,539-40 ; 19,554-5 ; 19,558 ; 19,647 ; 19,652 ; 19,681-3 ; 19,694 ; 19,726 ; 19,859.
 Proportion of Unionists and Non-unionists : 19,297-8 ; 19,388 ; 19,516.
 Relations with employers : 19,290-3 ; 19,300 ; 19,305 ; 19,310-3 ; 19,316-9 ; 19,329-30 ; 19,341-2 ; 19,348-51 ; 19,391-7 ; 19,402-3 ; 19,405-9 ; 19,416-20 ; 19,422-5 ; 19,442 ; 19,466 ; 19,472 ; 19,491-6 ; 19,501 ; 19,527-8 ; 19,541-4 ; 19,560-7 ; 19,570-4 ; 19,618-23 ; 19,637-9 ; 19,643-64 ; 19,671-80 ; 19,713-4 ; 19,722 ; 19,727-8 ; 19,730.
 Skilled : 19,293 ; 19,322 ; 19,520 ; 19,789-94.
 Shareholders in Co-operative Society : 19,822 ; 19,832-40 ; 19,865-6.
 Suggestions of : 19,293 ; 19,329-37 ; 19,355 ; 19,427-30 ; 19,441-6 ; 19,483 ; 19,560-75 ; 19,600-3 ; 19,624 ; 19,677 ; 19,818.
 Unskilled : 19,293 ; 19,322 ; 19,723-4 ; 19,788-90 ; 19,797-800.
Employers : 19,557 ; 19,639 ; 19,691-4 ; 19,801-4.
 Arbitration Boards, attitude to : 19,338-42 ; 19,349-52 ; 19,609-10 ; 19,618-24 ; 19,675-80.
 Attitude of, to limitation of hours : 19,712-7.
 Contract system, advantages to, under : 19,639 ; 19,728-30 ; 19,734-5.
 " Little Masters " or middlemen : 19,639 ; 19,690-4 ; 19,737-45.
 Masters : 19,779-87 ; 19,817.
 Organisation of : 19,308 ; 19,420 ; 19,664.
 Relations with employed (see under *Employed*).
 Trade unions, relations with : 19,315-9 ; 19,416-20 ; 19,637 ; 19,667-74.
 Workshops of, unhealthy : 19,637 ; 19,748-50 ; 19,756-9.
Employment :
 Conditions of :
 Difference in union and non-union men : 19,390-1 ; 19,402-3 ; 19,414-5 ; 19,471-2 ; 19,525 ; 19,635.
 Insanitary and unhealthy : 19,435 ; 19,468-70 ; 19,473 ; 19,481-2 ; 19,496 ; 19,586-95 ; 19,614-5 ; 19,637-8 ; 19,746-63.
 Laborious : 19,442 ; 19,454.
 Light work : 19,371 ; 19,685.
 Lodging and rent : 19,394-6 ; 19,435 ; 19,490-6 ; 19,506-12 ; 19,518 ; 19,571-5 ; 19,641 ; 19,767-71.
 Machinery and steam-power : 19,395-7 ; 19,405-9 ; 19,435 ; 19,442 ; 19,455-62 ; 19,474 ; 19,487 ; 19,496 ; 19,506-9 ; 19,538-42 ; 19,544-51 ; 19,565 ; 19,574 ; 19,635-6 ; 19,769-71.
 Rules of, 19,614-5.
 Sub-contract system of : 19,638-9 ; 19,699-705 ; 19,724-45 ; 19,788-821 ; 19,845.
 Various objections to : 19,638-9 ; 19,705 ; 19,723-4 ; 19,727 ; 19,788 ; 19,789-800.
 Sub-division of Labour : 19,639 ; 19,723 ; 19,727 ; 19,792.
 Reduction of wages by : 19,638-9 ; 19,699 ; 19,701-4 ; 19,731-2 ; 19,737-42 ; 19,794-5 ; 19,808-11 ; 19,815 ; 19,821.
 Various kinds of : 19,301-5 ; 19,361-4 ; 19,371-4 ; 19,471.
Inspection :
 Insufficiency of : 19,437-41 ; 19,450-2 ; 19,478-80 ; 19,596-608 ; 19,638 ; 19,761-6.
 Inspectors :
 Duties of : 19,474-8.
 Factory and Workshop Act, interpreted by : 19,611-5.
 Increased number of, advocated : 19,450-3.
 Power of, 19,446.
 Practical men as, advocated : 19,441 ; 19,600-8 ;
 Salary of : 19,601-8.

Labour :**Hours :**

Commencing and closing shops of: 19,686-8;
19,706.
Contract system, *re*: 19,801.
Irregularity of: 19,803-5; 19,321; 19,710-16.
Lost time, objected to: 19,442; 19,454; 19,639-43.
Nine per day: 19,717.
Per week 60: 19,709.
Per week 54: 19,303; 19,521.

Machinery :

Advantages of: 19,293.
Displacement of men by: 19,293; 19,359-60; 19,366.
Rules *re*: 19,614.
Unprotected: 19,435; 19,586-9; 19,594-5.

Output (see under Production).**Production :**

Best cutlery, made in Sheffield: 19,293; 19,368;
19,625-9.
Cheaper and inferior methods of: 19,293; 19,295;
19,322; 19,359-66; 19,369-70; 19,625.
Co-operative, approval of: 19,841; 19,348-9; 19,854.
19,862.
Output, per man: 19,638-9; 19,701; 19,737-44.
Sub-contract system (see under *Employment*).

Remedies :

Acts of Parliament—amendments to, advocated:
Education Act: 19,444-6; 19,755.
Factory and Workshop Act: 19,444-9; 19,611-5.
Industrial and Provident Societies Act: 19,854.
Truck Act: 19,643.
Arbitration by Legislation (see subject heading).
Eight hours day (see subject heading).
Employers:
Joint Committees—temporary withdrawal of, from:
19,623-4.
Provision of appliances and payment of rent by:
19,442; 19,474; 19,527-9; 19,541; 19,560;
19,564-71; 19,574-6; 19,637; 19,639-43; 19,698;
19,767.
Employment:
Abolition of sub-letting by legislation: 19,818-9.
Inspectors:
Increase in number of, advocated: 19,084;
19,451; 19,638; 19,764-5.
Practical, advocated: 19,441; 19,600-4; 19,638.
Production:
Marking of goods, compulsory: 19,293; 19,323.
Sanitation (see subject heading).
Strikes, prevention of (see subject heading).
Wages (see subject heading).

Sanitation :

Insanitary conditions: 19,435; 19,450; 19,468-70;
19,437-82; 19,496; 19,586; 19,590-3; 19,614-5;
19,473-8; 19,756-60.
Ventilation, bad: 19,435; 19,590-2; 19,615; 19,637-
8.

Strikes :

Causes of, various: 19,293.

Strikes—continued.**Individual :**

Sheffield 1890: 19,637; 19,644-80.
None: 19,320; 19,421; 19,466-7.
Prevention of:
Arbitration and Conciliation by Board of: 19,293;
19,329-55; 19,427; 19,609-16; 19,618-24.
Co-operation by advocated: 19,848-9.

Trades Unionism : 19,853-6.

Advantages of: 19,390; 19,414; 19,516; 19,525-30;
19,637.
Co-operative Society, advance of money by, to:
19,822; 19,853.
Disputes between Unionists and Non-unionists:
19,498; 19,501.
Employers, amicable relations with: 19,316-9;
19,416-20; 19,674.
Membership of: 19,297-8; 19,388; 19,516; 19,645;
19,814-7.
Proportion of Unionists and Non-unionists: 19,297-8;
19,388; 19,516.
Strikes *re*, mode of procedure: 19,313-5; 19,422;
19,637; 19,644-64.
Sub-letting deprecated by: 19,812-21.
Wages, effect of, upon: 19,293; 19,313-6; 19,390-1;
19,402-3; 19,414-5; 19,471-2; 19,516; 19,525;
19,637.
Witness, position of: 19,287-8; 19,381-3; 19,385;
19,630-1; 19,812.

Wages.**Average earnings of :**

Amalgamated Engineers: 19,307.
Edge-tool grinders: 19,505-6; 19,533.
File forgers: 19,306-7.
File grinders: 19,505; 19,531.
Fork grinders: 19,505-17.
Pen and pocket-blade forgers: 19,307.
Scissor forgers: 19,307; 19,310-1.
Scissor grinders: 19,504.
Sheep-shear grinders: 19,505.
Spring-knife grinders: 19,505-17; 19,525.
Steel-fork forgers: 19,307.
Table-blade forgers: 19,307; 19,367-8.
Table-blade grinders: 19,505-13.
Alterations in, advocated: 19,527-9; 19,541-2;
19,560-9; 19,571-5; 19,767.
Contract system, under: 19,638-9; 19,699-705;
19,729-44; 19,788-821.
Deductions, steam power rent: 19,395-401; 19,405-
9; 19,455-67; 19,489-92; 19,511-3; 19,517-8;
19,538-64; 19,638-43; 19,769-71.
Rate of, average: 19,405; 19,491; 19,579-85; 19,704.
Relative, of Unionists and Non-unionists: 19,390-1;
19,402-3; 19,471-2.
Settlement of: 19,312-9.
Variation in: 19,306-9; 19,310-2; 19,315-6.
Reduction in: 19,637; 19,654-8; 19,699; 19,738
Rise in: 19,516; 19,637; 19,645-55.
Strikes *re*: 19,637; 19,645-58.
Sub-contract system, variation of, in: 19,790-4.

Women's Labour :

Conditions of: 19,371-4; 19,684-5; 19,746-51.
Number employed in: 19,293-9; 19,372; 19,681;
19,694.

ENGINEERING.

Witnesses :*Employed :*

Glennie, William (23,066-23,262); Lindsay, John (23,263-23,333); McDowell, Robert (23,306-23,324); Swift, James (23,575-23,696); Whitaker, John (22,644-23,065).

Employers :

Coventry, Arthur (25,646-25,698).
Wigram, Reginald (25,735-25,804).

Districts and places referred to :

America, United States of: 22,648; 22,653; 22,678-80.
Australia: 22,648; 22,654; 23,584.
Barrow (*Lancashire*): 22,702; 23,641-2.
Belfast (*Ireland*): 22,658; 23,303-11; 23,316.
Belgium: 25,738.
Birmingham (*Warwickshire*): 22,658.
Blackburn (*Lancashire*): 22,658; 25,757-8.
Breslau (*Prussia*): 25,738.
Canada: 22,648-9; 23,584.
Cardiff (*Glamorganshire*): 23,641.
Colonies, British: 22,648.
Cork (*Ireland*): 23,308.
Dublin (*Ireland*): 23,308; 23,320.
Dundalk (*Louth*): 23,308.
Dundee (*Forfar*): 22,658; 23,263; 23,271-4; 23,292-5; 23,325.
Ebbw Vale: 21,272; 21,281; 21,286; 21,338; 21,379.
Edinburgh (N.B.): 23,402.
Egypt: 25,740.
England: 23,052-3; 23,678.
France: 22,648-50; 22,654; 25,738.
Germany: 23,680; 25,738; 25,767.
Glasgow (N.B.): 22,658; 23,325; 23,330-1; 23,402.
Greenock (*Renfrew*): 23,330-1.
Halifax (*Yorkshire*): 22,658; 22,672; 22,676-7; 22,681-2; 22,883.
Hartlepool (*Durham*): 23,191.
Hull (*Yorkshire*): 22,736; 23,604.
Keighley (*Yorkshire*): 21,912-8.
Lancashire: 22,661; 22,675; 22,702-4; 22,710-2; 22,719; 22,723; 22,730; 22,736; 22,752; 22,822; 22,847; 22,861; 22,868; 23,596; 23,611; 25,801.
Leeds (*Yorkshire*): 22,658; 22,965-6; 25,735-8; 25,744; 25,758; 25,794-803.
Limerick (*Munster*): 23,308; 23,320.
Lincoln (*Lincolnshire*): 25,738.
Lisburn (*Antrim*): 23,308.
Liverpool (*Lancashire*): 23,381-4; 23,387; 23,598.
London (*Middlesex*): 22,688-90; 23,407; 23,598.
Loughborough (*Leicestershire*): 22,658.
Manchester (*Lancashire*): 22,645; 22,682; 22,604-7; 22,706-8; 22,714; 22,769; 22,797; 22,821-3; 22,839; 22,938; 23,576; 25,646.
Middlesbrough (*Yorkshire*): 22,658; 22,736; 23,191.
Motherwell (*Lanark*): 22,658.
Newcastle (*Northumberland*): 23,069; 23,349; 23,605; 23,643.
Newry (*Armagh*): 23,308; 23,320.
New York: 23,584.
Oldham (*Lancashire*): 22,658; 25,797-8.
Paisley (*Renfrew*): 23,402.
Preston (*Lancashire*): 22,658.
Scotland: 23,288; 23,298; 23,320; 23,402; 23,686.
Sheffield (*Yorkshire*): 22,658; 22,913-5.

Districts and places referred to—continued.

Spain: 22,649-50.
Swindon (*Wilt*): 22,658.
Tyne district (*Northumberland*): 23,069; 23,081-7; 23,187-91; 23,196; 23,204; 23,351-4; 23,362-7; 23,440-3; 23,605; 23,652.
Waterford (*Ireland*): 23,308; 23,320.
Wear district (*Durham*): 23,069; 23,204; 23,443; 23,605.
Wicklow (*Ireland*): 23,320.
Yorkshire: 22,661; 22,675; 22,703-4; 22,710-2; 22,723; 22,736; 22,752; 23,069; 25,798.

Acts of Parliament :

Factory and Workshop Act: 23,022-4; 23,686.
Public Health Act: 23,298-9; 23,633.

Apprenticeship :

Apprentices: 22,889; 23,069.
Apathy of: 25,747; 25,776.
Classes and training of: 22,790; 23,069; 25,777-92.
Displacement of men by: 23,069; 23,079; 23,234-6; 23,289.
Disputes *re*: 22,761-2; 22,764; 22,943; 23,069; 23,234.
Emigration of, advocated: 23,243.
Employers and: 22,795-6; 22,945; 23,069; 23,776-92.
Numbers of: 22,761; 22,894-6.
Increase in: 22,940-5; 22,948; 23,234; 23,243-61.
Restriction of, advocated: 22,762-4; 22,790-5; 22,942-57; 22,945; 23,069; 23,237-42; 23,288-91; 23,325.
Scotland and France, in: 23,024-5; 23,289.
Overtime and: 22,764; 22,896-7; 23,022-4; 23,068-9.
Premium and wages of: 22,945; 23,300; 25,779-80.
Trades unionism and: See subject heading.

Arbitration and Conciliation :

Arbitration, deprecated: 22,715; 23,599; 23,681-2.
Board of Conciliation, proposed: 23,111-5.
Trades union: 22,661; 22,668; 22,704-5.
Conciliation approved: 22,661; 23,222-4; 23,230.
Preferred to arbitration: 22,718-9; 23,320; 23,681.
Joint Committees:
Approved: 22,661; 23,320; 25,677.
"District": 22,661; 22,668-9; 22,704-6; 22,710; 22,718.

Associations*Of Employed :*

Amalgamated Society of Engineers, central association: 22,644-62; 22,666-71; 22,681; 22,683; 22,686-93; 22,705-8; 22,711-2; 22,714; 22,720-4; 22,725-30; 22,736-7; 22,739; 22,750-62; 22,767-9; 22,774-9; 22,784-5; 22,797-825; 22,845; 22,850-9; 22,883-4; 22,907-10; 22,929; 22,939; 22,943; 22,952-8; 22,970-23,012; 23,026-42; 23,548-9; 23,604-9; 23,647-9; 23,691-4; 25,657; 25,667-74.
Dundee Branch: 23,263-8; 23,292-4; 23,302.
Tyneside District Branch: 23,066-80; 23,088-90; 23,096; 23,130-1; 23,182; 23,196-9; 23,232-3.
Woolwich and Belfast Branches: 23,302-4; 23,306-10.
Metal Planers' Society: 22,708; 22,925.

Associations—continued.**Employed—continued.**

Steam Engineers' Society: 23,575-97; 23,602-6; 23,609-11; 23,614; 23,618-23; 23,625; 23,643; 23,652-5; 23,678; 23,691-4.

United Machine Workers' Society: 22,681; 22,708; 22,925.

Of Employers:

Iron Trades Employers' Association: 22,661-72; 22,682-3; 22,710-11; 22,714; 23,055; 23,060; 23,069; 23,100-2; 23,213; 25,647; 25,736; 25,756; 25,760.

Boy Labour (see under Apprenticeship).

Capital: 23,169-70; 23,286; 25,651; 25,738.

Compensation: 22,988-9; 23,500.

Competition: 23,042; 23,746.

Foreign: 22,782-3; 23,049-54; 23,680; 25,738; 25,740; 25,766.

Labour, of: 22,937.

Co-operation:

Approval of: 23,187-9.

Failure at Newcastle of: 23,128-9; 23,183.

Trades unionism and: 23,130-1; 23,182.

Eight Hours' Day:

Advantages of: 23,124; 23,184-6.

Deprecated: 22,818; 23,046-55; 23,680; 23,744.

In operation: 21,135-209; 23,124-7; 23,184; 23,678; 25,595-600.

Overtime, curtailment of, previous to establishment of: 22,734; 22,816-20; 23,027.

Votes *re*: 22,040; 22,816-7; 23,028-41; 23,678.

Employed: 22,721-4; 23,594.

"Character note" of: 22,682; 23,055-65; 23,135; 25,663-7; 25,687-92.

Complaints of:

Re apprentices: 22,762-4; 22,795; 22,889; 22,941-2; 22,949; 23,022; 23,069; 23,289; 23,612.

"Character note": 22,682; 23,055-65; 23,135; 23,624-30.

Deficient inspection: 23,015-8; 23,298-9; 23,320-4; 23,631.

None made through fear of dismissal: 22,891; 22,902-3; 23,133-7.

Overtime, systematic: 22,658; 22,797; 22,859; 22,870; 22,889; 23,069.

Piece-work: 22,658; 22,797-8.

Sanitation: 22,658; 22,837-41; 22,889; 23,133; 23,297-9; 23,311; 23,315; 23,631-4.

Surplus labour, non-employment of: 22,658; 22,743-9; 22,781-94; 22,859; 22,930; 23,274-81.

"Suspension" and dismissal: 23,074-9; 23,190-5; 23,231-3; 23,303-5; 23,612.

Various: 22,764; 22,937; 23,302-5; 23,311; 23,320; 23,612.

Condition in old age and infirmity of: 23,303-5; 23,315; 23,612.

Dismissal or "suspension" of: 22,883-4; 22,891; 22,902-3; 22,937; 23,073-6; 23,079; 23,192-5; 23,231-3; 23,315; 23,612.

Hours of (see under *Labour*).

Increase in work done by: 22,737; 22,750; 22,937; 23,612.

Migration and number of: 22,654; 22,765-8.

Overtime (see under *Labour*).

State interference deprecated by: 23,026.

Piece-work and: 25,661-2; 25,738-40.

Relations with employers: 22,670-6; 22,681; 22,706; 22,710-4; 22,795-6; 22,807-9; 22,829-30; 23,055-65; 23,069-79; 23,190; 23,292-5; 23,320; 23,613; 23,655; 25,667; 25,676-7; 25,738-40; 25,744-55.

Employed—continued.

Rent paid by: 22,658; 22,725-9.

Skill and incompetency of: 22,770-4; 25,660; 25,671-2; 25,744-9.

Employers: 23,069.

Apprentices and: 22,762-4; 22,795-6; 22,945; 23,024-5; 23,069.

Attitude of, *re* character note: 22,682; 23,055-65; 23,624-30; 25,663-7.

Double gangs and night shifts deprecated by: 25,658-61; 25,738-41.

Firms of: 23,166; 23,168; 23,613; 23,655-6; 25,646; 25,735.

Importation of labour by: 23,320.

Legislative interference deprecated by: 25,744.

Organisation of: 22,665; 22,682; 22,809; 25,829-30; 25,758-62.

Prices and: 22,798-804; 22,808-9; 25,667-75; 25,758.

Profits and losses of: 25,648; 25,738; 25,770-5.

Relations with employed (see under *Employed*).

Restriction on overtime deprecated by: 25,648-55.

Trades unionism and (see under *Trades Unionism*).

Employment:**Conditions of:**

Insanitary and unhealthy: 22,658; 22,730; 22,889; 23,311; 23,320; 23,631.

Piece-work: 22,804-5; 22,958; 22,968-71; 25,661-2; 25,738-44; 25,768-74.

Satisfactory and unsatisfactory: 23,070-9; 23,310-1; 23,320.

Difficulty in obtaining: 22,764; 22,792-4; 22,943-5; 23,269-86; 23,289; 23,315.

Lodging and rent, 22,658; 22,725.

Night shifts, deprecated: 25,658-61; 25,738-41.

In operation: 22,748-9.

Preferred to overtime: 22,739; 22,744-8; 22,838.

Piece-work, abolition of, advocated: 22,658; 22,797; 22,958-60; 23,026.

Inspection:

Deficient: 22,658; 23,014-6; 23,069.

Inspectors:

Appointment of: 22,872-7.

Evasion of: 23,069.

Inaccessibility of, objected to: 22,730-2; 22,844-9; 22,887-8; 22,898-903; 23,136-9; 23,631.

Increased number of, advocated: 22,658; 22,730; 22,878-82; 23,012; 23,019-20; 23,320.

Practical men as, advocated: 22,730; 23,320.

Private: 23,320-4.

Suggestions of employed *re*: 23,017-21.

Trades unionism and: 22,880-2; 22,892-3.

Lodging and Rent (see under Employment).**Labour:****Hours:**

Per day, 10-14; 22,818; 23,047-8.

Per week, 53-60; 22,658; 22,681; 22,810-3.

Reduction in: 22,698; 22,706; 22,713-4; 32,810-3; 22,818; 23,226; 23,596; 23,611.

Strikes *re*: 22,681; 22,704-6; 22,713; 23,598.

Sunday, on: 22,964-7.

Overtime: 23,680.

Abolition of systematic, desired: 22,658; 22,682; 22,734; 22,778-83; 22,860-5; 22,973; 22,983; 23,027; 23,069.

Apprentices and: 22,764; 22,896-7; 23,069.

Causes of, and objections to: 22,658; 22,737-9; 22,764; 23,069-70; 23,269-70; 23,325; 23,593-5; 23,680; 25,738-9.

Labour—continued.

Discharge of employed *re*: 23,069; 23,072-7;
23,192-5; 23,269-71.

Employers and: 22,682; 22,714; 23,069-71; 23,190;
23,598; 25,648-60; 25,738.

Infrequent: 22,658; 22,736; 23,310; 25,685.

Night shifts preferable to: 22,739; 22,744-9;
22,833-4.

Deprecated: 25,658-60; 25,738.

Piece-work and; 22,835-6.

Restriction on: 22,658; 22,735-7; 22,775-6;
22,827-32; 23,044-5; 23,069-76; 23,190-2;
23,227; 23,602-4.

Deprecated: 23,680; 25,648-60; 25,679-86;
25,738.

Strikes *re*: 22,733; 23,070; 23,193; 23,293.

Surplus labour, provision for, through abolition of:
22,658; 22,743-9; 22,784-93; 22,866; 22,930.

Systematic: 22,658; 22,736; 22,928-9; 23,269-78.

Trades unionism and: 22,658; 22,734-7; 22,770-81;
22,826; 22,896; 22,929; 22,973; 23,042; 23,069;
23,193-5; 23,602-4; 23,611.

Worked, instead of employing extra hands: 22,739-
43; 22,867-70; 23,072; 23,269-87.

Machinery:

Employers and: 23,072.

Erection of: 22,650-4; 25,744-9; 25,767.

Export of: 22,750.

Foreign competition *re*: 23,050-4; 25,738.

Improvement in: 22,737; 22,798; 22,953-6.

Output (see under *Protection*).**Overtime (see under *Labour*).****Profit-sharing:**

Approval of: 23,124; 23,158-83; 23,168-9; 23,187-9.

Prevention of strikes, means of: 23,116-24.

Under consideration: 23,124-7.

Profits (see under *Employers*).**Production:**

Eight hours' day injurious to: 23,055; 23,680.

Foreign: 23,050-5; 23,680; 25,738; 25,766.

Out-put, increase in: 22,737; 22,750; 22,931-7;
23,612; 23,680.

Overtime and: 22,738-9; 22,790-2; 23,275-89;
23,595-6; 25,648-56; 25,738.

Piecework and: 25,769-75.

Trade, rise and fall in: 22,788-92; 23,275-6;
23,592-9; 23,601; 23,681; 23,648-56.

Relief Funds: 22,755-61; 22,853-8; 22,972-23,010;
23,590-1; 23,601; 23,611; 23,683-5.

Remedies:

Eight hours' day (see subject heading).

Inspectors:

Increased number of advocated: 22,658; 22,730;
22,878-82; 23,012; 23,019-20; 23,320.

Practical men as, advocated: 22,730; 23,320.

Overtime (see under *Labour*).

Strikes, prevention of (see under *Strikes*).

Sanitation:

Bad: 22,658; 22,837-43; 22,889; 23,012; 23,133;
23,298; 23,310-4; 23,320.

Fairly good and excellent: 22,658; 23,310-1; 23,320;
23,634.

Insanitary conditions: 22,658; 22,730; 23,311;
23,631-4.

Sanitation—continued.

Inspection *re*: 22,730; 22,842; 22,849; 22,871;
22,878; 22,890-3; 23,014; 23,298-9; 23,632;
23,686.

Insufficient accommodation: 22,658; 23,298-9;
23,311-4; 23,320.

Ventilation: 23,133; 23,310; 23,631-4.

State Interference (see under *Eight hours' day and Labour*).

Strikes:

Causes of:

Apprentices: 22,703; 23,234-6.

Hours: 22,706; 23,293.

Overtime: 22,703; 22,734; 23,069-71; 23,193;
23,293.

Various: 21,524-7; 22,677-8; 22,702; 23,166;
23,214-6; 23,316; 23,598.

Cost of: 22,681; 22,706; 22,750-5; 22,853-8.

Individual:

Dundee: 23,292-3.

Ebbw Vale: 21,272; 21,281-314; 21,338-72;
21,379-80.

Halifax: 22,672; 22,676-8; 22,883-6.

London and Liverpool: 23,598-600.

Tyne and Wear lock-out: 23,069-71; 23,192-5.

Number of: 22,676; 22,708; 23,296; 23,316; 23,598.

Prevention of: 22,661; 23,116-24; 23,219-24;
23,230; 25,677.

Meeting of employers and employed, by: 22,661;
22,716-9; 23,320; 23,681-2.

Trade Unionism:

Action and attitude of:

Re Apprentices: 22,762; 22,896-7; 22,943-57;
23,022; 23,234-42.

Character note: 23,264-5.

Federation: 23,196-273.

Hours: 22,810-20; 23,027-41; 23,611; 23,678;
25,738.

Inspection: 22,880-2.

Overtime: 22,735-7; 22,775-93; 22,827-34; 22,859;
22,929-30; 23,022-5; 23,042-5; 23,069-71
23,602-4.

Piecework: 22,797-805; 22,955-8; 22,969-72;
23,026.

Sanitation, &c.: 22,658-60.

Strikes: 22,661; 22,681; 22,706; 22,715-20;
23,069; 23,214-21; 23,598.

Trade: 23,593-6.

Wages: 22,912-22; 22,932-6; 23,044; 23,229
23,597; 23,611; 25,667-75; 25,738.

Benefits of: 22,755-61; 22,853-8; 22,972-23,010;
23,590-1; 23,601; 23,611; 23,683-5.

Constitution and conduct of business of: 22,684-93;
22,704-6; 22,806-7; 22,923-7; 23,605-7; 22,602-3.

Employers:

Relations of, with: 22,662-72; 23,069-71; 23,295;
23,655-6; 25,758-61; 25,765.

No official relations with associations of: 22,670;
22,683; 22,710-2.

Membership of: 22,648-55; 22,662; 22,736; 22,750;
22,906-9; 23,332; 23,580-90; 23,601; 23,655-6.

Unionists and Non-unionists, relations and proportion
of: 21,219; 22,721-4; 22,767-74; 22,904-9; 25,764.

Witness, position of: 22,821-5; 23,066; 23,263-6;
23,306-9; 23,575-80.

Unemployed: 23,303-5; 23,598.

Allowances to: 22,755-61; 22,972-3; 23,590-2; 23,601;
23,611.

Numbers of: 22,785-94; 22,850-8; 22,972-4; 23,303-
5; 23,592; 23,598-601; 23,683-5.

Suggestions *re*: 22,658; 22,743-9; 22,781-94; 22,859;
22,930; 23,274-81.

Wages: 25,758-65.

Average rate of: 22,658; 22,907-10; 22,961; 25,667; 25,738.

Data and piece work: 22,801-2; 22,961-3; 25,770-5.

Foreign: 25,738; 25,767.

Local variation in: 22,912-9; 23,596; 25,758-62; 25,794-804.

Minimum rate of: 22,774-7; 22,802; 22,810-5; 26,597; 25,667.

Non-unionists, of: 21,263-9; 21,297-304; 22,769; 22,771-4; 22,920-2; 25,667-75; 25,693-5.

Overtime, disadvantageous to: 22,737; 23,282.

Wages—continued.

Piece work, for: 22,658; 22,797-8; 22,801-5; 22,958; 22,961-3; 25,740-4; 25,767-75.

Reduction in: 22,667; 22,682; 22,797; 22,801; 23,293.

Rise and fall in: 22,667; 22,681-2; 22,694-701; 22,706; 22,797; 22,801; 22,932-7; 23,229; 23,293-5; 23,316; 23,596-601; 23,611; 25,667.

Satisfactory: 23,310.

Stationary: 22,694-701; 22,706; 22,737; 22,938-9.

Strikes *vs* (see under *Strikes*).

Trades Unionism, effect of, on: 22,918-22; 22,932-6; 23,044; 23,229; 23,596-7; 23,611; 25,667-75.

Employers' views on: 25,667-75; 25,693-8.

HARDWARE (CHAIN, NAIL, LOCKS, &c.).**Witnesses:**

Employed: Day, Edward (18,097-322 and 18,358-77); Homer, Thomas (18,890-17,242); Juggins, Richard (17,770-18,096); Martin, Joseph (18,323-57); Powell, James (18,378-639); Price, William (17,579-769); Smith, James (17,243-97); Uttley, Stuart (19,871-987).

Employers: Coventry, Arthur (25,646-98); Green, George (19,988-20,270); Russell, Joseph (19,988-20,270).

Districts and places referred to:

America, United States of: 17,285; 17,863.

Belgium: 17,863.

Birmingham (*Warwickshire*): 17,895; 18,101; 19,977; 20,007; 20,215; 20,227.

Bolton (*Lancashire*): 18,101.

Bromsgrove (*Worcestershire*): 18,383-8; 18,413; 20,003-5; 20,042-5; 20,141.

Catshill (*Worcestershire*): 20,006; 20,042-5; 20,141.

Chester: 17,246.

Cradley Heath (*Staffordshire*): 16,890-2; 17,718; 17,752; 17,957.

Dudley (*Worcestershire*): 19,989; 20,030-2; 20,201-2; 20,220.

England: 17,224; 17,253; 17,271; 17,747; 17,845; 18,080; 18,101.

France: 17,863; 20,255.

Gateshead-on-Tyne (*Northumberland*): 16,894; 16,953-7; 17,009; 17,053; 17,112; 17,230; 17,246; 17,272; 17,285.

Germany: 17,863; 20,255.

Great Britain: 17,253.

Halesowen (*Worcestershire*): 17,580; 17,585; 17,662; 17,719; 17,752; 17,845; 17,957; 18,080.

Leicester: 18,101.

Liverpool (*Lancashire*): 18,101; 19,914.

Newcastle (*Northumberland*): 16,894; 17,286-7.

Oldhill (*Staffordshire*): 17,957; 19,988.

Pontypridd (*South Wales*): 16,894; 17,109-12; 17,231-5; 17,246.

Scotland: 17,253.

Sedgley (*Staffordshire*): 17,586-8; 17,716; 17,719.

Sheffield (*Yorkshire*): 18,343; 19,871; 19,882; 19,913; 19,980.

Staffordshire: 16,894; 17,054-5; 17,246; 17,285; 17,958; 18,107.

Willenhall (*Staffordshire*): 18,101; 18,116-26; 18,325-30; 18,342; 18,355; 18,362.

Wolverhampton (*Staffordshire*): 18,099; 18,129; 18,260; 18,324-30; 18,342; 18,346.

Worcestershire, East: 18,101; 18,116-26; 18,325-30; 18,342; 18,355; 18,362.

Acts of Parliament:

Education Act: 17,750.

Factory Act Extension: 17,772.

Factory and Workshop Act: 16,972; 16,991; 17,133; 17,255; 17,653; 17,811; 18,034-40; 18,150-4; 18,245-6; 18,283; 18,374; 19,902.

Merchandise Marks Act: 19,928; 19,943; 19,947.

Public Health Act: 18,045-7.

Truck Act: 16,963.

Apprenticeship: 20,029.

Duration of: 19,877; 19,942.

Grievance *re*: 17,799-803.

Indenture of: 17,905-8.

Payment of: 16,928; 18,003-11.

Boy labour (see also under).

Arbitration and Conciliation:

Arbitration, approved and resorted to: 17,787-94; 17,973-83; 18,008; 18,086-90.

Board of arbitration and conciliation for the wrought nail trade: 18,447-8; 18,461; 18,584; 20,215-20; 20,226; 20,230-2.

Boards of conciliation, establishment of advocated: 17,049; 17,253; 17,665-8; 17,720-4; 18,454-7; 19,902; 19,947.

Compulsory arbitration advocated: 17,253; 19,964-6.

Employers, reluctant attitude of, to: 17,052; 18,458-61; 19,983-7; 20,225; 20,250.

Failure to establish board of: 17,050-2; 20,222-32; 20,249-51.

Strikes, prevention of, by: 17,049-52; 17,253; 17,711; 17,665-8; 17,723-7; 18,019-22; 18,457-62; 20,249-61.

Joint committees, advantages of: 19,902; 20,251.

South Staffordshire Bolt and Nut Trade Wages Board: 1,777-89; 17,800-1; 17,890-204; 18,019-22; 18,086-91.

Associations:**Of Employed:**

Cradley Heath and District Chainmakers' Society: 16,890-8; 16,904-5; 16,911; 17,029-34; 17,049-52; 17,109.

File Cutters' Association: 19,872-4; 19,877; 19,891; 19,899-901; 19,918; 19,944-6.

Midland Counties' Trades Federation: 19,770; 18,825; 18,287-8; 18,368; 20,064-6.

Nailmakers' Association: 18,538-43; 18,583.

National Amalgamated Lock and Key Smiths' Society, Willenhall Branch: 18,323-35; 18,362; 18,366-77.

Associations—continued.*Of Employed—continued.*

National Amalgamated Locksmiths' Society: 18,097-103; 18,127; 18,240-4; 18,249-55; 18,281; 18,284-7; 18,295; 18,299; 18,320-2.

National Amalgamation of Chain Makers and Chain Strikers: 17,244-6; 17,248; 17,253; 17,277-9.

(Nut and Bolt) Workmen's Association: 17,771-6; 17,798; 17,803; 17,956-61; 18,085; 18,193.

Spike Nail Makers' Association: 17,579-84; 17,654-8.

Of Employers: 17,781.

Boy Labour: 17,874.

Certificates for boys, charge for: 17,772; 19,902.

Displacement of men by: 17,885-8; 18,012-7; 18,072-4.

Employment of, nature of: 16,951; 16,995; 17,261; 17,804-9; 17,885; 18,001-3; 18,351-2.

Evasion of inspector by: 17,812.

Evils of: 18,351; 18,364-5; 18,369-73.

Training of: 18,351.

Wages of: 19,877.

Capital:

Co-operative Society, of: 18,591-4; 18,600-10.

Employers, of: 16,913; 17,004; 18,591-4.

Rings and: 20,082; 20,185.

Child Labour:

Age of: 16,950; 17,134.

Employment of, nature of: 16,949; 16,995-8; 17,083-4; 17,255-7; 17,615; 17,706; 17,758; 17,854; 17,407.

Half-timers: 16,956; 17,749; 18,418; 18,524-5.

Hours of: 17,135; 17,155-8; 17,253; 17,652-3; 17,707-10; 17,749; 18,047; 18,418.

Moral effect of, on children: 17,167-9; 17,255-61.

Number employed in: 17,162; 17,591; 18,874.

Restriction of: 17,690-1; 17,699; 17,711.

School attendance, improvement in: 17,749-50.

Wages of; 17,221.

Competition: 18,080.

Employers, of: 17,246-52; 17,272; 18,209-12; 18,532; 18,588-9; 20,014; 20,034; 20,079.

Foreign: 17,863; 17,985-94; 18,195; 18,316-20.

Hand and machine made goods, of; 17,910; 20,038.

Surplus labour through; 19,990; 19,997-9.

Women's labour, through: 17,111-3; 17,863-7; 18,055-6; 20,127.

Co-operation:

Advantages of; 17,761-2.

Co-operative Stores: 17,662-4.

Extension of: 18,468-72.

Bromsgrove Co-operative (wrought nail-making) Society: 18,378; 18,385; 18,389; 18,420-31; 18,463-7; 18,487-91; 18,502-6; 18,513-23; 18,585-615.

Councils:

Federated Trades Council, Sheffield: 19,871; 19,974; 19,982.

Chambers of Commerce:—

Dudley: 19,989; 20,030-2; 20,202.

Congress Trades Union: 19,971.

Sweating Committee: 16,992; 17,119.

Eight Hours' Day:

Advocated: 17,947-50; 18,092-4.

Deprecated: 18,247; 18,318-21.

File cutters and: 19,937; 19,971.

Employed:

Chain-makers: 16,923-6; 17,056-9; 17,060-8; 17,086.

Attitude of, to women's labour: 16,936; 16,961-2; 17,027-9; 17,114-7; 17,166-9; 17,213-5; 17,209-23; 17,254-61.

Cable chain-makers; 17,246; 17,294-7.

Complaints of:

Re Favoritism: 16,967-70; 17,000-3.

Employers: 16,932; 16,979; 17,247; 17,253; 17,288-93.

Outshops: 17,253.

Women's labour, unsuitableness of: 16,995; 17,024-9; 17,112; 17,136-7.

Compulsory closing of outshops at 6 o'clock, advocated by: 16,981-90; 17,155-8; 17,164-6; 17,173; 17,193-5; 17,254.

Different occupations of families of: 16,936; 16,995-8; 17,011-3.

Factory workers: 16,923-4; 17,016-8; 17,251-3.

Home-work, preference for, by: 17,077-85.

Migration and number of: 16,917-9; 17,285.

Out-workers: 16,920-2; 16,932-5; 16,971-3; 17,007; 17,035; 17,073-6; 17,251-2.

Relations with employers: 16,904; 16,909; 16,913; 16,878; 17,035; 17,049-52; 17,246-7; 17,252-3; 17,266.

Skill and diligence of: 17,090-1; 17,108-9.¶

File-cutters:

Complaints of:

Re employers: 19,899; 19,942-3; 19,954-7.

False marking: 19,902-29.

Treatment of girls: 19,902; 19,970.

Displacement of: 19,874-5; 19,902; 19,937-42; 19,958.

Factory workers: 19,971.

Outworkers: 19,882-7; 19,902; 19,930-3; 19,972-5.

Relations with employers: 19,887-99; 19,902.

Unhealthiness of: 19,981.

Locksmiths: 18,135; 18,306-14.

Application of Factory and Workshop Act to adults, advocated by: 18,150-63; 18,202-7; 18,245; 18,274-7; 18,281-3; 18,301-5; 18,352; 18,374-6.

Attitude of, to domestic workshops: 18,150-64; 18,181-5; 18,278-80; 18,376-7.

Number of: 18,104-11; 18,115-6; 18,330-8; 18,362-3.

Outworkers: 18,128-33; 18,145-50; 18,172-80; 18,219-39; 18,330.

Relations with employers: 18,117-46; 18,201; 18,254-6; 18,280-3; 18,297-8; 18,354-7.

Small factories, in: 18,339-46.

Sub-contracting objected to by: 18,347-51; 18,364-5; 18,369-73.

Suggestions of; 18,193.

Nail-makers:

Attitude of, to women's labour: 17,606-8; 17,615-22; 17,714-5; 17,740-4; 17,753; 18,534-7.

Complaints of: 17,644-53.

Re employers: 17,622; 17,735; 18,532; 18,563-8.

Women's work: 17,699; 17,711-4; 17,725; 17,741.

Displacement of: 17,585-9; 20,038-9.

Factory workers: 17,601-2; 17,614-5; 17,719; 18,388; 18,526-9.

Hard work, thrift and skill of: 17,665; 18,474-9; 20,060-2; 20,147-50; 20,174-6; 22,220-1.

"Manchester Sunday Chronicle" and: 20,005; 20,064.

Number of: 18,384-5.

Employed—continued.

Outworkers: 17,603; 17,736-9; 18,388; 18,393-415; 18,419; 18,530-2; 18,554-9; 18,576-82; 18,616-23; 19,990-7; 20,044-50; 20,208; 20,233-46; 20,261; 20,269-70.

Relations with employers: 17,734-6; 17,767-9; 18,449-62; 18,589-90; 20,000-9; 20,075-8.

Suggestions of: 17,608-13; 18,544-8.

Witness, experience of: 17,623-5; 17,730; 18,380-2.

Workshops and: 17,757-61; 18,618-39.

Nut and bolt-makers: 17,790-4.

Attitude of, to domestic workshops: 17,819-44; 17,920-31; 18,028-9.

To women's labour: 17,845-77; 17,932-45; 17,951-5a; 18,023-7; 18,032-3; 18,043-9; 18,080.

Complaints of:

Re apprenticeship: 17,799-804; 17,885-7.

Women's labour: 18,023-6; 18,051-71.

Number of: 17,774-6; 17,914-9; 17,956-62.

Outworkers: 17,805-9; 17,817-8; 17,839; 17,909-11.

Relations with employers: 17,772; 17,795-7; 17,978-84; 18,078-81.

Employers: 16,929-30; 17,182-3.

Abolition of outwork approved by: 18,150-1; 18,203-7; 18,278-83; 18,295-305; 18,376-7.

Advantages taken by: 17,253; 17,288-93; 17,622-3; 18,229-32; 18,394-5; 18,433; 19,877; 19,887; 19,896-902; 19,942.

Attitude of, re wages: 16,909-13; 16,979; 17,146-7; 17,246-7; 17,253; 17,864-7; 17,893; 17,964-6; 18,447-53; 18,895-6; 19,997; 20,068-91.

Competition of: 17,246-52; 17,272; 18,209-12; 18,532; 18,588-9; 20,014; 20,034; 20,079.

Distinctions re: 17,060-5; 17,185-6; 17,626-9; 18,394; 18,532.

District rates for support of employed, proposed by: 20,014; 20,032-4; 20,087-91; 20,103-12; 20,173; 20,181-5; 20,262-3.

Government contracts and: 18,186-8; 18,209-12; 18,267-72.

House property of: 16,991-4; 19,884-7; 19,982.

In chain, nail, and lock industries: 16,920-3; 16,930; 17,253; 18,127; 18,149-51; 18,201; 18,396-406.

Innkeepers as: 16,967-70; 17,000-3; 17,187-92.

Limitation of hours and: 17,947; 18,092-4.

Middlemen and: 17,004-6; 17,631-4; 17,692-8; 17,734-5; 17,767-9; 18,350-1; 18,530-2; 18,576-83; 18,589; 19,902; 20,208-13; 20,259-61.

Minimum wage list advocated by: 20,014-29; 20,078-86; 20,091; 20,161-72.

Organisation of: 16,903; 17,246-8; 17,777-82; 18,121-6; 18,296-8; 18,354; 19,998-9; 20,230-2.

Profits and losses of: 16,913; 17,099-104a; 18,011-7; 18,490-2; 20,229.

Recognition of unions by: 16,896-8; 16,904-5; 17,253; 18,254-5; 18,354-6.

Relations with employed (see under *Employed*).

Suspension of work and: 19,997-20,001; 20,073-8; 20,092-112; 20,136-9; 20,204-7.

Witness, position of: 19,988-9; 20,027; 20,201-3.

Women's labour and: 17,027; 17,035; 17,733-4; 17,767-9; 18,340-1.

Employment:

Conditions of:

In chain industry: 16,920-3; 16,929-34; 17,039-41; 17,073-9; 17,160-3; 17,174-80; 17,253; 17,276.

File cutting industry: 19,874-5; 19,902; 19,930-2; 19,936-9; 19,971-5.

Lock-making industry: 18,127-34; 18,219; 18,265-6; 18,306-15; 18,329-44.

Employment—continued.

Nail industry: 17,594-603; 17,603-17; 17,639-51; 17,659-60; 17,685-8; 17,692-8; 17,719; 17,740-1; 17,757-60; 18,394-406; 18,526-9; 19,990-9; 20,044-50; 20,157-61; 20,193-200; 20,220; 20,233-48.

Nut and bolt industry: 17,804-11; 17,817-44; 17,854-8; 17,878-84; 17,909-11; 18,051-74; 18,080.

Government contracts and: 18,186-8; 18,193-5; 18,209-18; 18,259-63; 18,267-73.

Home labour, prevalence of: 16,922-7; 16,938; 17,011; 17,163; 17,170; 17,806-9; 17,840-1; 17,914-9; 18,131-2; 18,223; 18,376-7; 18,393; 19,882-3.

Superseded by factories: 16,940-3; 17,016-7; 17,275; 17,821-44.

Laborious and unhealthy: 17,246; 17,296-7; 19,902; 19,981.

Regularity of: 17,108-10; 18,315; 19,971.

Hours (see under *Labour*).

Inspection:

Factories, of: 18,182; 18,222.

Home workshops, of: 16,944; 17,014-5; 17,132-3; 17,155-7; 17,651; 17,811-2; 17,818; 18,034-47; 18,180-4.

Inspectors: 17,644; 17,676; 17,704-9; 17,750.

Duties and value of: 16,946-8; 17,134-5; 17,157; 17,182; 17,704; 18,534; 18,624-34.

Evasion of: 17,171-2; 17,253-4; 17,652-3; 17,812; 18,180.

Increased number of, required: 16,945; 17,133; 17,676-7; 17,710; 17,811-2; 18,179; 18,202.

Powers of: 17,255; 19,902.

Rare appearance of: 17,997; 18,417-8; 18,508-12; 18,533; 18,634.

Working men or local, advocated: 17,752; 18,095-6; 18,179; 18,635-9; 19,902; 19,947.

Joint Committees (see under *Arbitration and Conciliation*).

Labour:

Chain-making, in, hours of:

Domestic workshops, compulsory restriction of, in, advocated: 16,984-90; 17,124-32; 17,138-56; 17,173-83; 17,193-6; 17,253-4.

Unrestricted in: 16,971-3; 17,077-9; 17,253.

Factories, in: 16,974-7; 17,077-9; 17,160-1; 17,253.

Overtime: 17,253.

Reduction in, desired: 17,152-4; 17,158.

Uniformity of, advocated: 16,981-3; 17,155-7; 17,164-6; 17,254.

File cutters:

Lost time of: 19,899-90; 19,937; 19,954-7.

Locksmiths, hours of:

Domestic workshops, restriction of, in, advocated: 18,150-64; 18,172-83; 18,229-30; 18,245-8; 18,257; 18,274-7; 18,281-3; 18,303; 18,374-5.

Factories, in: 18,153-71.

Mealtimes: 18,161; 18,170-1.

Regulation of, desired: 18,304-5; 18,353-4.

Nail-making, in, hours of:

Domestic workshops, in: 18,416-8; 18,487-9; 18,507; 20,051; 20,151-3; 20,239.

Factories, in: 17,641-50; 17,653; 17,675.

Mealtimes: 17,647.

Restriction of, advocated: 17,703-10; 18,535-8; 18,634-9.

Women, of: 17,639-50; 17,674-5.

Nut and bolt-making, in, hours of:

Domestic workshops, in: 17,810-3; 17,845; 18,038-47.

Factories, in: 17,810-1; 17,946; 18,317-22.

Machinery :**Class of :**

- Iron cutting : 17,741 ; 17,751 ; 17,858.
 Lock and file cutting : 18,265-6 ; 19,875-7 ; 19,902-29 ; 19,942-3 ; 19,959-63.
 Nail making : 17,745-8 ; 18,413 ; 20,258.
 Oliver's and blocks : 17,683-4.
 Displacement of labour by : 17,744 ; 17,814 ; 19,874-7 ; 19,902 ; 19,938-42 ; 19,958.
 Effect on wages of : 17,814-7 ; 18,075-9 ; 18,200 ; 18,266 ; 19,877.
 Use of : 17,815-6 ; 17,858 ; 17,878-83.
 Working of : 17,885-8 ; 18,011 ; 18,072-4 ; 19,942.

Production :

- Chain-making, in : 17,087 ; 17,285-7.
 Cables, of : 17,262-72.
 Factories, of : 16,923-6 ; 17,022 ; 17,246.
 Home workshops, of : 16,920-2 ; 16,927-36 ; 16,941 ; 17,007 ; 17,023 ; 17,060-8 ; 17,073-6 ; 17,251 ; 17,288-93.
 Prices of : 17,064-8 ; 17,080 ; 17,087-91 ; 17,248 ; 17,253 ; 17,262 ; 17,271 ; 17,285.
 Local variation in : 17,054-5 ; 17,246 ; 17,271 ; 17,285.
 Substitution of factories for home industry : 16,940-3 ; 17,016-7 ; 17,253 ; 17,275.
 Testing of chains : 17,197-9 ; 17,237-42 ; 17,285.
 Bogus : 17,197 ; 17,238-9.
 Trade, state of : 16,903 ; 16,913 ; 17,045 ; 17,100-4a.
 File cutting, in :
 False marking of : 18,912-29 ; 19,942-3 ; 19,960-3.
 Machinery, use of : 19,874 ; 19,877 ; 19,902 ; 19,958-9.
 Trade, rise and fall in : 19,887 ; 19,902 ; 19,938-42.
 Lock-making, in :
 Centre of : 18,107 ; 18,194 ; 18,329.
 Cheap locks, of : 18,127 ; 18,195-200 ; 18,260 ; 18,270 ; 18,288-93 ; 18,308 ; 18,347-50 ; 18,358-61.
 Government contracts and : 18,186-9 ; 18,193 ; 18,209-18 ; 18,223 ; 18,258-62 ; 18,268-73.
 Home work, inferiority of : 18,146-50 ; 18,219-44.
 Machinery, use of : 18,265-6.
 Nail-making, in :
 Abolition of women's labour, effect of, on : 20,157-60 ; 20,179-80.
 Centre of : 17,585-8 ; 17,716-8 ; 18,383 ; 20,081.
 Demand for, rise and fall in : 17,735-9 ; 17,745 ; 20,035-9 ; 20,229.
 Export of : 20,080-1.
 Factories, in : 17,719 ; 17,757-62 ; 18,396-400.
 Home workshops, in : 17,594-603 ; 17,693-8 ; 17,757-62 ; 18,390-3 ; 18,400-13 ; 19,990-7 ; 20,029 ; 20,044-50 ; 20,237-44.
 Imports, foreign : 17,746-9.
 Output of men and women : 20,113-27 ; 20,174-8.
 Prices of : 18,561-8 ; 19,990-7 ; 20,007 ; 20,014-29 ; 20,082-91 ; 20,139 ; 20,182-5 ; 20,208-14.
 Strikes, effect of, on : 20,010-3 ; 20,073-5 ; 20,092-110.
 Suggestion re wrought shoe nails : 17,608-13 ; 18,544-8.
 Superiority of hand-made goods : 17,608-13 ; 17,679-81 ; 18,413 ; 18,546-8 ; 20,011-3 ; 20,193-200 ; 20,256-8.
 Nut and bolt-making, in :
 Abolition of home shops and women's labour, effect of, on : 17,855-65 ; 18,023-46.
 Cheapening of : 17,804-9 ; 17,818.
 Inferiority of machine-made goods : 17,878-84 ; 17,910-1.

Production—continued.

- Machinery, use of : 17,814-8 ; 17,857-8 ; 17,879-83 ; 18,011-7.
 Protective marking of, advocated : 17,878 ; 17,912-3 ; 17,844-18,000.
 Trade, state of : 17,988-92.

Profits : (see under Employers).**Remedies :**

- Arbitration and conciliation, compulsory, advocated : 17,253 ; 19,964-9.
 Conciliation, boards of, advocated : 17,049 ; 17,253 ; 17,665-8 ; 17,720-4 ; 18,454-7 ; 19,902 ; 19,947.
 Employers, not to be innkeepers, advocated : 16,967-70 ; 17,187-91.
 Girls :
 Abolition of blowing for : 16,951 ; 17,255-61.
 Medical examination, alteration in rules of, advocated : 19,902.
 Home workshops, abolition of, advocated : 17,016 ; 17,193 ; 17,829-44 ; 17,917-31 ; 18,181 ; 18,279-80.
 Hours, legal restriction of, for adults in home workshops, advocated : 16,981-5 ; 17,124-46 ; 17,169-82 ; 17,254 ; 17,810-3 ; 18,172-3 ; 18,183 ; 18,201-2 ; 18,274-6 ; 18,304 ; 18,352.
 Inspectors, appointment of working men as, advocated : 17,752 ; 18,095-6 ; 18,179 ; 18,635-9 ; 19,002 ; 19,947.

Production :

- Protective mark on hand-made goods advocated : 17,912-3 ; 17,998-18,000 ; 19,926-8 ; 19,943.
 Wrought nails for army boots, advocated : 17,608-13 ; 18,544-8.
 State provision for surplus labour, advocated : 20,015 ; 20,086-90 ; 20,103-12 ; 20,171-3 ; 20,261-3.
 Strikes, prevention of :
 Arbitration and conciliation by : 17,049-52 ; 17,253 ; 17,711 ; 17,665-8 ; 17,723-7 ; 18,019-22 ; 18,457-62 ; 20,249-61.
 Organisation and State aid by : 18,140-5 ; 20,075-91 ; 20,107-12 ; 20,168-70.
 Wages :
 Improved system of payment of, for outworkers, advocated : 16,932 ; 17,253 ; 18,193.
 Minimum rate of, advocated : 20,014-28 ; 20,084-6 ; 20,161-70 ; 20,181-5 ; 20,204-6.
 Women's labour, abolition of, advocated : 17,942-5 ; 18,051-6.
 Married women's labour, legal prohibition of, advocated : 16,936 ; 17,114-7 ; 17,209-26 ; 17,714-5 ; 17,830 ; 17,853-62 ; 18,048-50.
 Deprecated : 17,869-77.
 Restriction on size of iron worked by, advocated : 16,961 ; 17,024-32 ; 17,193 ; 17,689-91 ; 17,699 ; 17,711-4 ; 17,725 ; 17,852-3.

Sanitation :

- Board of Health and : 17,118-21 ; 17,125-33.
 Fair : 17,009.
 Improvement in : 16,992 ; 17,019-21.
 Insanitary conditions of home workshops : 16,991-4 ; 17,008-10 ; 17,021 ; 17,119 ; 17,181-3 ; 19,902 ; 19,976-82.
 Inspection re : 16,948 ; 18,047.
 Inspector of nuisances and : 17,122-3 ; 17,129.
 Ventilation fair : 17,047.

Sliding Scales : 17,963-72.

- None in operation : 16,899.

State interference (see under Remedies).

Strikes:**Causes of:**

Various: 16,963-4; 17,772; 18,127-39; 18,433.

Wages: 16,906; 16,913; 17,605; 19,900; 20,007; 20,208; 20,267-8.

Cost and duration of: 16,908; 16,911; 17,605; 18,389; 19,902.

General:

Chain, 1886-7: 16,908-14; 16,963-6; 17,070-2; 17,092; 17,097-9; 17,205-7; 18,389.

Nail: 18,436-67; 18,493-501; 18,569-75.

Individual, local:

Bromsgrove (nail): 20,003-9; 20,057-8; 20,063-72.

File cutters: 19,887; 19,891-8; 19,902.

Gateshead (chain): 16,953-60; 17,047-8; 17,053-5; 17,246.

Nut and bolt makers: 17,772; 17,793-4.

Willenhall (locksmiths): 18,112-25.

Minor local: 17,253; 17,605; 17,728-9; 18,357.

Number of: 16,906-7; 16,952; 19,900.

Prevention of:

Conciliation by: 17,049-52; 17,253; 17,665; 17,711; 17,723-7; 18,019-221; 18,457-62; 19,964-9; 20,249-51.

Organisation and State aid by: 18,140-5; 20,075-91; 20,107-12; 20,168-70.

"Suspension of work" in chain industry: 19,997-20,002; 20,009-13; 20,073-6; 20,204-6.

Trade Unionism: 19,877; 19,971.

Advantages of: 17,247-8; 17,655-6; 18,357; 18,369-74; 18,389; 20,262-5.

Contributions of, during strikes: 16,913; 17,903; 18,389; 18,442-6.

Effect on strikes: 16,913; 17,253; 17,256; 18,140-5; 18,389; 18,442-6; 20,092-100.

Wages: 18,299; 18,389.

Failure to establish: 17,654-8; 17,763-6; 18,433-5.

Increase in: 18,249.

Membership of: 17,773-6; 17,798; 17,960; 18,240-4; 18,249-53; 18,332-6.

Official relations of, with employers: 16,896-8; 16,904-5; 18,123-6; 18,254-5; 18,300-2.

Vote of, re women's labour: 17,029.

Women as members of: 17,030-4; 18,333-6.

Truck System (see under *Wages*).**Wages:****Chain-making, in:**

Advance in: 16,900-2; 16,913; 17,046; 17,105; 17,248.

Advantage taken by employers re: 17,253; 17,288-93.

Average earnings: 16,915; 17,044-6; 17,087-98; 17,106-7; 17,205-8; 17,232; 17,294.

Comparative earnings in factory or workshop: 17,017-8; 17,077-83; 17,276-8.

Difference in rate of men and women: 17,036-41.

List of prices: 17,064-8; 17,080-2; 17,248; 17,253.

Piece-work and: 16,928; 17,089-98; 17,262-6.

Reduction in: 16,960; 17,047-8; 17,146-51; 17,246; 17,278-84.

Settlement and payment of: 16,899; 16,932-4; 17,087-91.

Strikes re: 16,902; 16,906; 17,247.

Truck system of: 16,963-6; 17,184-92; 20,014-6.

Variation in localities: 17,047; 17,108-12; 17,227-36; 17,246; 17,270-2; 17,285.

Very low rate of: 16,909; 16,915; 17,042-3; 17,092-8; 17,232.

Welders and strikers, of: 17,246; 17,267-72; 17,285; 17,294-5.

Women's labour, effect of, on; 17,112-3; 17,234.

Wages—continued.

Women, low rate of payment for: 16,909; 17,034.

File-cutting, in:

Average earnings: 19,877-81; 19,887; 19,93-6.

Deductions from: 19,880-1; 19,933.

Disputes re: 19,891-902.

Girls and boys, of: 19,877.

Women, of: 19,902; 19,950-2.

Lock-making, in: 18,173.

Average earnings: 18,127-35; 18,190-2; 18,195-200; 18,256-60; 18,315; 18,329; 18,358-61.

Deductions from: 18,351.

Government contracts and: 18,188; 18,193; 18,258-64; 18,267-73.

Outworkers, of: 18,128-46; 18,227-44; 18,256-8; 18,860.

Piece-work; 18,133; 18,166.

Reduction in: 18,188; 18,200; 18,288-95.

Union efforts for higher: 18,299-300.

Women, of: 18,308-11.

Nail-making, in:

Advance in: 18,446-9; 18,505-6; 18,569-75; 19,891-902; 19,944-6; 19,948; 20,005-8; 20,042; 20,057-8.

Average earnings of families: 20,129-34; 20,177-8.

Nail-makers of: 17,635-7; 17,696-8; 17,700-1; 17,754-6; 18,473-80; 18,507; 20,043-59; 20,128-34; 20,143-56; 20,187-92.

Bromsgrove Co-operative Society, of: 18,419; 18,431; 18,481-6; 18,491; 18,504-6; 18,519-23.

Cause of low rate of: 19,990; 20,002; 20,007; 20,033-4; 20,084-5; 20,208-14; 20,220.

Comparative rate of, for men and women: 17,670-3; 17,754-6; 20,117-39; 20,157-60; 20,174-6; 20,252.

Disputes re: 20,007-13; 20,063-78; 20,092-106; 20,267.

Deductions from: 17,678; 20,244-6.

Minimum rate of, proposed: 19,999; 20,014-26; 20,085-91; 20,161-75; 20,266.

Truck system and: 17,678; 20,014-6; 20,025.

Very low rate of: 20,040; 20,059-61.

Wages board and: 20,215-20.

Women, average earnings of: 17,628; 17,638; 17,669-73; 17,754-6; 20,043.

Nut and bolt making, in:

Average earnings: 17,847; 17,889-90; 18,081-3.

Effect of home shops and women's labour on; 17,804-6; 17,818; 17,851-7; 17,859-67.

Machinery on: 17,885-8; 18,074-9.

Relative rate of, for men and women: 17,846-51.

Rise and fall in: 18,077-9.

Wages board: 17,777-89; 17,800-1; 17,890-904; 17,963; 18,019-22; 18,086-91.

Women, for: 18,068-71.

Women's Labour:**Chain-making, in:**

Chains made by: 17,200-4; 17,236; 17,253; 17,255.

Earnings of: 16,928; 17,034; 17,036-41; 20,043; 20,059.

Girls, domestic service advocated for: 17,226; 17,714; 17,743-4.

Unsuitable and improper work for: 16,950-1; 16,955-8; 17,167-9; 17,255-62.

Home work and: 16,927; 16,937-41; 17,011-4; 17,073-5; 17,084.

Hours of: 16,972; 16,981-2; 17,139; 17,164-6; 17,253-4.

Married women, objections to employment of: 16,936; 16,979; 17,114-7; 17,209-23.

Number employed in: 16,918-9; 17,033; 17,162.

Objections to: 16,961-2; 17,022-3; 17,112-3; 17,233-5.

Women's Labour—continued.

Protection of, advocated: 17,140-50.
 Report on (see page 569, Vol. II.).
 Restriction of, advocated: 16,961; 17,028-9;
 17,136-8.
 Where employed: 17,112; 17,224-6; 17,716-9;
 20,142.
 File-cutting, in: 19,874; 19,877; 19,902; 19,949-53;
 19,970.
 Lock-making, in: 18,108-11; 18,306-14.
 Nail-making, in:
 Earnings of: 17,628; 17,638; 17,670-3; 17,754-6;
 20,043; 20,059; 20,118-27; 20,174; 20,233-5;
 20,252.
 Employment of: 17,615; 17,706; 17,738-9; 17,744;
 18,408-14; 20,113-27; 20,136; 20,157-60; 20,235-
 44; 20,247-8.
 Hours of: 17,638-50; 17,674-5; 17,702-11; 18,417-
 8; 18,534-7; 18,618-39; 20,239.
 Injurious effect of: 17,606; 17,615-21.
 Married women, objection to employment of:
 17,718-5.

Women's Labour—continued.

Number employed in: 17,590-3; 18,407-9; 18,415.
 Report on (see page 569, Vol. II.).
 Restrictions on, advocated: 17,689-91; 17,699;
 17,711; 17,725; 17,740-2; 17,751; 17,753.
 Suitable work for: 17,608-9; 17,712.
 Tools used by: 20,244-6.
 Nut and bolt making, in:
 Abolition of, considered: 17,932; 17,951-5a;
 18,023-33.
 Children and: 18,057-8; 20,269-90.
 Compulsory: 17,870-7; 17,924-31; 18,048-50.
 Earnings of: 17,846-52; 18,056.
 Employment of: 17,839; 17,845; 18,060-7.
 Hours of: 18,059.
 Married women, employment of, objected to:
 17,853-63; 17,931-2.
 Objections to: 17,854-69; 18,051-9; 18,080.
 Report on (see page 569, Vol. II.).
 Restrictions on, advocated: 17,853; 17,860.
 Tools used in: 18,068-71.

IRON AND STEEL (MANUFACTURED).**Witnesses:**

Employed: Aucott, William (14,753-973); 15,612-
 654); Anson, Robert (16,367-784); Cronin, John
 (15,906-16,366); Davies, John Dennis (15,831-858);
 Hodge, John (16,367-784); Ingles, John (23,531-
 574 and 23,687-696); Jack, J. M. (23,446-530);
 Jones, Evan (15,655-830 and 15,903-905); Long, J.
 (14,753-970); Lougher, E. (16,367-784); Rudman,
 John (15,858-902); Thomas, Edward (14,753-973);
 Trow, Edward (15,154-482); Whitburn, John
 (17,298-518).

Employers: Hingley, M.P., Sir Benjamin (15,483-
 611); Whitwell, William (14,974-15,153).

Districts and places referred to:

America, United States of: 17,467.
 Barrow (*Lancashire*): 14,764; 14,845-55; 14,898;
 14,908; 15,189; 15,249; 15,368.
 Belgium: 16,044.
 Birmingham (*Warwickshire*): 17,305.
 Blaenavon Works (*Monmouthshire*): 15,657; 15,793-5.
 Bolton (*Lancashire*): 15,912.
 Cammels: 14,873.
 Cleveland (*Yorkshire*): 15,244-6; 15,362; 15,366;
 17,393.
 Clyde Bank (*Dumbartonshire*): 23,560.
 Clydebridge (*N.B.*): 15,966; 16,287; 23,540.
 Coatbridge (*Lanarkshire*): 17,327; 23,461.
 Consett (*Durham*): 14,940; 15,051; 15,160; 16,000;
 16,116; 16,138-45; 16,165-6; 16,175; 16,222.
 Cumberland: 14,757; 14,764; 14,865; 15,192; 15,218;
 15,235; 15,246; 17,471.
 Cyfartha Works (*Glamorganshire*): 15,657.
 Darlington (*Durham*): 14,754; 15,103; 15,165;
 17,437.
 Derby (*Derbyshire*): 15,486.
 Derbyshire: 15,486; 15,542.
 Dowlais Works (*South Wales*): 15,657; 15,802;
 16,597; 16,620; 16,633-5.
 Durham: 15,219; 15,222.
 Ebbw Vale (*Monmouthshire and Brecknockshire*);
 15,656-7; 15,792; 15,832-5; 15,857; 15,882;
 15,893.
 Edinburgh (*N.B.*): 23,461; 23,473; 23,506.

Districts and places referred to—continued.

England, Midlands of: 15,485; 15,574; 15,615;
 16,370.
 England, North of: 14,575; 14,763; 14,800; 14,974-8;
 15,170-3; 15,182; 15,218; 15,439; 15,497; 15,615;
 15,628; 15,735; 16,036; 16,045; 16,089; 16,160;
 16,180; 16,370; 16,389-92; 16,727-32; 17,539;
 24,453.
 Eston (*Yorkshire*): 14,922-5; 14,931; 14,947; 15,166;
 15,368.
 Foxhead: 16,168-9.
 Frodingham (*Lincolnshire*): 17,323.
 Glasgow (*N.B.*): 15,936; 15,941; 16,028-30; 16,239;
 16,391; 16,305; 24,449; 23,468; 23,483; 23,513;
 23,540; 23,558.
 Great Britain: 15,969.
 Horrich: 16,382.
 Hull (*Yorkshire*): 15,218; 15,368; 17,305.
 Jarrow (*Durham*): 14,940; 16,168-9; 16,185;
 17,344-5.
 Lancashire: 14,757; 15,192; 15,486; 15,543; 15,912;
 17,471.
 Leeds (*Yorkshire*): 14,764; 15,218.
 London: 15,486.
 Manchester (*Lancashire*): 15,164; 17,305.
 Middlesborough (*Yorkshire*): 15,347; 15,486; 17,300.
 Monmouthshire: 15,859.
 Moss Bay: 14,874.
 Motherwell (*Lanarkshire*): 16,518-23.
 Northumberland: 16,081; 16,090.
 Nottingham; 17,305.
 Paisley (*N.B.*): 23,461.
 Rhymney Works (*Monmouthshire and Brecknock-*
shire): 15,657; 15,800.
 Rotherham (*Yorkshire*): 16,703; 16,733-7; 16,768;
 17,489.
 Scotland: 14,910; 15,016; 15,256; 15,361; 15,906-
 11; 15,933; 15,950; 15,960; 15,982; 16,039;
 16,116-20; 16,135; 16,180; 16,271; 16,389-92;
 16,554; 16,771-4; 17,327; 23,453-4; 23,461;
 23,449; 23,513.
 Sheffield (*Yorkshire*): 15,368; 16,423-4; 16,700;
 16,704-11; 16,732.

District and places referred to—continued.

Shropshire: 14,773; 15,486.
 Staffordshire: 14,757; 14,990; 15,016; 15,192;
 15,368; 15,486; 15,543; 15,566; 15,575; 16,370.
 Stockton-on-Tees (*Durham and Yorkshire*): 14,976;
 15,219; 16,267.
 Tredegar Works (*Monmouthshire*): 15,657; 15,801;
 15,811-2.
 Wales: 14,990; 15,370; 15,375; 16,182; 16,370;
 16,389-92; 16,400; 16,606-8.
 Warwickshire; 14,773.
 Wigan (*Lancashire*): 15,912; 16,393.
 Worcestershire, East: 14,757; 14,833; 15,192;
 15,486.
 Workington (*Cumberland*): 14,854; 14,871; 14,878-
 83; 15,218; 15,249; 15,366; 16,393.
 York: 15,176; 15,486.
 Yorkshire: 14,757; 15,192; 15,256; 15,486; 16,182.

Accidents:

Causes and number of: 15,757-9; 16,299-300; 16,444;
 16,553-4; 16,592; 16,622-3; 16,755; 17,323; 17,347;
 17,364; 17,516; 17,532-6.
 Compensation for: 15,847-58; 15,880-3; 16,304;
 16,590-2; 16,624-8; 23,743.
 Compulsory assurance for: 16,429-33; 16,572-8.
 Inquests *re*: 15,762-3; 15,775; 16,554-5; 17,332;
 17,516-8; 17,521-3; 23,473-7; 23,490; 23,510-6.
 Constitution of jury, alteration in, desired:
 16,691; 16,752-4; 17,339-44; 17,519-20.
 Suggestions *re*: 17,332-8; 17,347-50; 23,512;
 23,687-90.
 Inspection and: 15,760-1; 15,774-5; 15,886-7;
 17,347-50.
 Prevention of: 16,301; 17,327.
 Trades unionism, attitude of, to: 15,762-3; 15,843;
 15,884-6; 16,304-5; 16,554; 16,592; 23,473;
 23,516.

Acts of Parliament:

Conspiracy and Protection of Property Act: 16,288;
 16,332; 16,524-5.
 Employers Liability Act: 15,846; 16,304; 16,431-3;
 16,573; 23,473; 23,489.
 Factory and Workshop Act: 15,743-50; 15,767-73;
 15,837-42; 15,868-79; 15,886; 15,889-96; 16,445;
 17,515; 23,687.
 Truck Act: 16,538.
 Weights and Measures Act: 15,500.

Allowances: 15,131-3; 15,855-8.

Apprenticeship:

Blacksmiths, of: 23,459; 23,525-8.
 Moulders, of: 23,558-9.

Arbitration and Conciliation: 16,230; 16,766-7;
 16,779-80; 17,481-2; 23,564-71.

Advantages and approval of: 14,855; 14,861-3;
 14,883; 14,978; 14,993; 14,996-7; 15,030-4;
 15,038; 15,159; 15,166; 15,170-2; 15,177;
 15,182; 15,328; 15,486; 15,496; 15,581-90;
 15,622-4; 16,302; 16,400; 16,403-4; 16,411-3;
 16,452; 16,460-4; 16,609; 16,709-10; 17,234;
 23,495.

Awards:

Acceptance of: 14,870; 14,921; 14,997; 15,037;
 15,159; 15,176; 15,486; 15,540; 15,617;
 15,936.

Rejection of: 15,486; 15,541.

Compulsory or legal arbitration: 14,770; 14,778-
 82; 14,804; 14,806-13; 14,839-40; 14,915-20;
 15,180; 15,274; 15,277; 15,321-7; 15,340-6;
 15,373-90; 15,459-82; 15,568-74; 15,635-8;
 15,652-4; 16,128-33; 16,230; 16,318-21; 16,563-
 5.

Arbitration and Conciliation—continued.

Employers and: 14,770-2; 14,778-9; 14,830;
 14,978; 15,166; 15,170; 15,189; 15,219; 15,276;
 15,279; 15,458; 15,478; 15,486; 15,617; 15,628-
 9; 15,644-54; 15,938-40; 16,056-62; 16,109-11;
 16,411-3; 16,416-20; 17,324; 17,375; 23,483-7.

Individual boards of:

Board of Conciliation and Arbitration for the
 manufactured iron and steel trade of North
 England: 14,763; 14,974-87; 14,993; 14,996-
 15,013; 15,030-49; 15,051-7; 15,059-65; 15,076-
 9; 15,089-92; 15,098; 15,109; 15,115; 15,140-
 2; 15,146; 15,154; 15,158; 15,165-79; 15,182-
 7; 15,201-2; 15,215-26; 15,244-6; 15,255-60;
 15,278; 15,280-6; 15,361-2; 15,367-8; 15,390-2;
 15,396-402; 15,615.

Board of Conciliation and Arbitration for the
 manufactured steel trade of the West of Scot-
 land: 15,921-32; 15,937; 15,940-67; 15,978-81;
 15,986; 15,995; 16,006; 16,046; 16,052-62;
 16,096-108; 16,230-4; 16,239-41.

Trades unionism and: 14,765-8; 14,819-25; 14,838;
 14,984; 15,041; 15,159-60; 15,170; 15,190-1;
 15,209-14; 15,304; 15,328; 15,347-8; 15,382-6;
 15,401; 15,468-82; 15,615-7; 15,936-40; 15,985-
 7; 16,005-6; 16,096-108; 16,112-3; 16,230;
 16,317; 16,416-9; 16,452; 17,331; 17,374.

Joint committees: 15,371; 17,417.

Arbitration resorted to by: 14,860; 14,865-90;
 14,911-4; 14,934; 14,942-3.

Cases, decrease in, referred to: 14,980; 15,064-5;
 15,069-74.

Individual:

Barrow: 14,764; 14,855-60; 14,864-5; 14,890;
 15,189; 15,247-9; 15,368.

Eston: 14,925-34; 14,937-43; 15,368.

Iron and Steel Workers' Wage Board in South
 Wales and Monmouthshire: 15,681-98;
 15,728-32; 15,817-9; 15,821-30; 15,859-63.

Midlands Iron and Steel Wages Board: 14,763;
 14,770-3; 14,778-80; 14,799-800; 14,805;
 14,836; 14,841-4; 15,368-72; 15,483-92;
 15,497-506; 15,520-6; 15,542-67; 15,572-4;
 15,591-604; 15,612-8; 15,624-9; 15,634;
 15,639-54.

Various: 14,763-4; 14,871-83; 15,189; 15,192;
 15,247-54; 15,275; 15,368-70; 15,486.

Associations:

Of Employed: 14,790; 16,041.

Amalgamated Society of Enginemen, Firemen, and
 Boilermen: 17,298-307; 17,309-24; 17,323-9;
 17,331-2; 17,339; 17,354-60; 17,369-76; 17,437-
 40; 17,450-4; 17,456-8; 17,493-3; 17,546-50;
 17,558-61; 17,567; 17,571-2.

Associated Blacksmiths' Society: 23,531-40;
 23,554-5.

Associated Iron and Steel Workers of Great
 Britain: 14,753-72; 14,783; 14,788-800; 14,814-
 20; 14,832-8; 14,845-54; 14,865; 14,878;
 14,884-9; 14,922; 15,155; 15,188-92; 15,204-14;
 15,232-5; 15,302-4; 15,330-2; 15,393-4; 15,403-
 5; 15,462; 15,486.

Associated Iron Moulders of Scotland: 23,446-63;
 23,469-70; 23,488-90; 23,495; 23,498; 23,527.

Associated Society of Millmen in Scotland: 14,910;
 15,906-20; 15,936; 15,985-96; 16,002-16; 16,025;
 16,032; 16,041; 16,071; 16,096-105; 16,247;
 16,252; 16,255; 16,259; 16,263; 16,288; 16,304-
 5; 16,322; 16,483.

British Steel Smelters' Amalgamated Association:
 15,160-4; 16,367-91; 16,401; 16,409-10; 16,414;
 16,452-8; 16,479-80; 16,482; 16,487-91; 16,503;
 16,522; 16,526-40; 16,549-52; 16,560; 16,579-95;
 16,601-15; 16,636; 16,647; 16,677-81; 16,703;
 16,711-6; 16,737; 16,722-3.

National Ironworkers' Association: 14,821.

Sheet Makers' Association: 14,805.

South Wales Iron and Steel Workers and
 Mechanics' Association: 15,655-61; 15,677-80;
 15,831-2; 15,836; 15,859-61; 15,884; 15,903;
 16,618-20.

Associations—continued.*Of Employers :*

South Staffordshire and East Worcestershire Iron Masters' Association: 15,483; 15,486.

West of Scotland Iron Founders' Association: 16,356; 23,461-3; 23,560.

Joint (see under *Arbitration and Conciliation*).

Black List:

None: 14,987; 16,607; 23,480.

Boy Labour: 17,441-6; 17,545-9; 23,457-9; 23,468.

Capital: 16,116; 16,222; 17,479-81.

Compensation: 15,847-58; 15,880-3; 16,304-5; 16,574-8; 16,590-2; 16,625-8; 23,743.

Competition:

Foreign: 15,016; 15,021; 15,105; 15,118; 16,043-4; 16,193; 16,205.

Home: 15,016-21; 15,105; 15,118; 15,995; 16,000; 16,042-4; 16,341-57; 17,425; 17,483.

Double Shift System (see under *Employment*).

Eight Hours' Day, legal enactment of:

Advantages of: 17,324; 17,380-6; 17,399; 17,407-10; 17,469-77; 23,522.

Advocated: 17,324-5; 17,380; 17,459; 17,499-103; 17,537; 17,562-78; 23,470; 23,517-24.

America, experience of, in: 17,463-7.

Apathy of employed *re*: 14,801-3; 15,403-4; 16,472-4; 16,560; 23,573.

Ballots and conferences *re*: 15,233-4; 15,312-9; 15,349; 16,322-8; 17,557-61; 23,469-70; 23,554-7;

Deprecated: 15,108-11; 15,233; 15,243; 15,311-2; 15,349; 15,404; 15,406; 15,440-53; 15,457; 16,267; 23,469.

Employers, attitude of: 14,801; 15,107-8; 15,456.

Inapplicable to some trades: 15,973-6; 16,067-9.

Objections to: 15,109-11; 15,116-8; 15,237; 15,431; 15,449; 16,272; 16,327-31; 17,387-91.

Trade option, with, advocated; 15,969-79; 16,063-95; 16,122-33; 16,218-21; 16,252; 16,255-84; 17,324; 17,380-416.

Eight Hours' Day, Voluntary.

Abandoned: 14,109-11; 15,116-8; 15,232; 15,451-6; 16,267.

Advocated: 23,572-4.

In operation: 15,235-7.

Employed:

Allowances to: 15,131-3; 15,855-8.

Certificate of competency for, advocated: 17,322-3; 17,542-8.

Change of employment of: 15,044-53; 15,058; 15,113; 15,137-9; 15,160-1.

Classes of:

Blacksmiths: 23,533-9; 23,560.

Boiler men: 17,325-9; 17,347-51; 17,447-8.

"Butty": 15,229; 15,429-32; 15,443-4; 17,325-6.

Byturn men: 16,226-9; 16,439-40.

Contractors: 15,329-32; 16,424; 16,757.

Hammermen: 16,132; 17,312-3; 17,441-5; 17,545.

Moulders: 23,452-7.

Puddlers: 15,228-9; 15,309; 15,320; 15,329; 15,439-45; 15,486; 15,508-19.

Rollers and heaters: 14,960-1; 15,329; 16,148-59.

Various: 15,087-92; 15,754-6; 15,906-11; 16,451.

Complaints of: 14,783-5; 14,910; 15,835-6; 17,325; 17,347; 17,423; 17,508-15.

Employed—continued.

Re incompetent managers and foremen: 15,978; 16,601-5; 16,607; 16,639-46; 16,661-9; 16,693-700; 16,755-7; 17,524.

Non-exhibition of Factory Acts: 15,743-50; 15,764-73; 15,837-45; 15,868-79; 15,889-96.

Contract of service, notice of termination of: 16,512-5; 23,491-509; 23,530.

Dismissal of: 15,680; 15,978-81; 15,996; 16,607; 16,646; 23,478.

Displacement of: 15,054-5; 15,084; 15,141-2; 15,164-5; 15,287-96; 15,320; 15,977; 16,226.

Health of: 16,445; 17,461-3; 17,537-40; 23,471-2.

Hours of: 15,235-8; 15,403-6; 15,451-4.

Labour (see also under).

Loyalty of, to arbitration awards: 15,041; 15,617; 15,936; 16,231.

Machinery, advantages of, to: 15,288-300.

Migration of: 14,989-92; 15,058; 16,028-30.

Number of: 14,898-9; 15,114-5; 15,486; 15,508-19; 15,660; 16,003; 16,046-51; 16,373-6; 17,303; 17,356-7; 23,454.

Promotion of: 15,123-8; 15,194-203; 15,351-60; 15,407-12; 16,021-2; 16,428.

Prosecutions of: 16,291-6; 16,518-27.

Relations with employers: 14,982-7; 14,993-5; 15,030-4; 15,056-7; 15,070-3; 15,171-3; 15,581-90; 15,605-11; 15,622-3; 15,630-2; 15,644-50; 15,672-80; 15,820; 15,920; 16,306-7; 16,383-7; 16,397-8; 16,410; 16,414-6; 16,424; 16,452; 16,458-9; 16,479-81; 16,497-8; 16,505-6; 16,593; 16,601; 16,605; 16,608; 16,613-5; 16,670-9; 16,703; 16,716; 16,782-4; 16,809; 17,303; 17,324; 17,360-75; 17,550-6; 23,460-4; 23,478-81.

Skilled: 16,375-6; 17,441-8; 17,527-9; 17,544-6.

Suggestions of: 17,325-45; 17,347-51; 17,398-407; 17,415-36; 17,478; 23,473; 23,490.

Thrift of: 15,129-33; 16,363-4.

Unskilled: 16,377-81; 17,322-3; 17,347.

Witness, experience and position of: 14,814-5; 14,845-8; 14,904-5; 14,922-4; 14,948-51; 15,154-8; 15,612-3; 15,655; 15,831; 15,859-61; 15,870; 15,906; 15,919; 16,367; 16,579-88; 16,680-2.

Employers: 16,675-9; 17,309-22; 17,347; 23,558.

Arbitration Boards, relations with: 14,770-9; 15,030-2; 14,978; 15,044-52; 15,170; 15,219; 15,938-40; 15,957-67; 16,047-51; 16,414; 16,530; 16,732-5.

Association, in: 14,770-3; 14,796-7; 15,076; 15,486; 16,452; 23,461-4; 23,491.

Compensation by: 15,847-58; 16,304-5; 16,574-8.

Competition of: 16,042; 16,341-3; 17,425; 17,483.

Managers: 15,171-3; 15,978-80; 16,497-502; 16,601-4; 16,607.

Profits and losses of: 16,006-8; 16,116; 16,222; 16,469-71; 17,408-14; 17,421-2; 23,483.

Relations with employed (see under *Employed*).

Surplus and non-union labour; use of by: 15,977; 15,997-8; 16,027-30; 16,518; 16,566; 23,483.

Trade Unions, friendly relations with: 14,787; 15,920; 16,306-7; 16,389; 16,397-8; 16,410; 16,593; 16,613; 16,704; 16,716; 17,315-21; 17,324; 17,361-3.

Non-recognition of, by: 14,830-1; 16,593-4; 16,613-5; 16,704; 16,716; 17,309; 17,360; 17,363-70; 17,375-6; 17,453-8.

Employment: 16,429-33; 17,308; 23,491-509; 23,452-6.

Conditions of:

Difference in union and non-union: 15,988-96; 16,012-34; 16,436-8; 16,732.

Improvement in:

Unsatisfactory and dangerous: 15,739-42; 16,444-51; 16,557-9; 16,622-3; 17,325; 17,329; 17,347; 23,471-2; 23,553.

Employment—continued.

Contract system of: 14,906-8; 14,953-6; 14,960-1; 15,088-92; 15,099-101; 15,329-32; 16,109; 16,245-50; 16,358-63; 16,422-6.

Abolition of: 14,910; 14,944-6; 15,329; 15,982-4; 15,998-9; 16,242.

Disputes *re*: 14,692-70.

Objections to: 14,908; 14,944; 14,953-9; 15,329; 15,982; 16,244; 16,701-2.

Regular and healthy: 16,226; 17,460-3.

Shifts, night and day: 14,978; 15,093; 15,415-26; 15,453; 15,807-9.

Treble: 15,109-11; 15,116-7; 15,450-8; 16,261.

Sub-contract system of: 14,906; 15,904.

Fines (see under *Wages*).**Friendly Societies:**

Benefit funds: 16,397; 16,532-7; 16,549-52; 16,589-92; 16,601; 16,624-8; 16,636-8; 23,450; 23,476.

Inspection:

Increased need of: 16,301; 17,344-50; 23,471.

Inspectors:

Increased powers to: 16,445.

Inefficiency of: 16,446-50; 17,327; 17,508-15.

Never seen by employed: 15,760-2; 15,887-8.

Joint Committees (see under *Arbitration and Conciliation*).**Labour:****Hours of:**

Commencing and closing work, of: 15,226; 15,229; 15,574; 16,434; 16,441-2; 16,684-7; 16,745-7; 16,750-1.

Dissatisfaction with: 14,894; 14,952; 15,716; 15,786-90; 17,235.

Improvement in: 15,177; 15,226; 15,305; 15,309; 15,403; 15,413-49; 15,620-1; 15,632; 17,537-41; 23,522; 23,540; 23,543.

Per week 54: 14,891; 14,947; 15,574; 23,465-6; 23,540-6.

70: 14,891; 14,947-51; 15,306; 15,968; 16,434.

78 and over: 16,436; 16,439; 17,324-5; 17,573.

Puddlers and mechanics, of: 15,093-7; 15,177; 15,226-8; 15,437-9.

Reduction of, attempted: 15,238-43; 15,350; 15,406; 15,253-5; 23,543.

Not attempted: 14,893-5; 14,952; 15,311; 15,786; 16,472-8; 17,557.

Variation in: 14,891; 15,230-1; 23,465-7.

Meal times: 14,891-2; 15,094; 16,436.

Overtime: 17,466-8; 23,468; 23,552.

Saturdays: 14,891-2; 15,096; 15,306; 15,350; 15,574-7; 15,968; 16,435-6; 17,564-7; 23,540.

Strikes *re*: 15,219; 23,540-2; 23,544; 23,546.

Sunday: 15,307-8; 15,968; 16,436-8; 16,441; 16,474-7; 16,548; 16,683-90; 16,741-51; 16,762-5.

Machinery: 17,508-17; 17,524-36; 23,572.

Damage to: 16,663-8; 16,755.

Displacement of men by: 15,320; 15,977; 16,156-8; 16,226; 17,382.

Improvement in: 15,165; 15,292; 15,297; 16,215-7; 17,324.

Output and: 15,146-53; 15,199-203; 15,351-3; 15,367.

Output (see under *Production*).**Overtime (see under *Labour*).****Picketing and Intimidation:**

Clyde Bridge, at: 15,997-8; 16,288-98; 16,332-5.

Motherwell, at: 16,518-27.

Production: 15,712-3; 15,835.

Cost of, decrease in: 15,290; 15,295.

Continuous employment, needful for: 15,406; 15,450-7.

Difference in rates and prices of: 15,624; 16,180-6; 16,336-57; 16,732-3; 17,475-6; 17,482; 17,489-92.

Displacement of labour in steel: 15,141; 15,160-4; 15,287; 15,320; 15,660.

Imports, foreign: 16,044.

Increase in steel manufacture: 14,978-9; 14,981; 15,051; 15,134-40; 15,165.

Iron trade, rise and fall in: 14,988; 14,994; 15,134-8; 15,164-5; 15,169; 15,252; 15,486; 15,508-19; 16,106-8; 23,544.

Iron works, closing of: 14,979; 15,044-9; 15,053-4; 15,134; 15,160; 15,252; 15,513; 15,660; 16,601; 17,324.

Conversion of, to steel works: 15,051; 15,084; 15,112-3.

Out-put of steel and iron: 14,979; 15,143; 15,164-5; 15,288; 15,486.

per man: 15,288-300; 15,320; 15,418-26; 15,945; 16,109; 16,243-50.

of works: 15,165-6; 16,109; 16,168-9.

Steel, of: 14,755-6; 15,165; 15,908-12; 16,367-74; 16,422; 16,451; 16,761-5; 16,336-57; 16,365-6.

Profits (see under *Employers*).**Profit-sharing:** 15,131-3.

Suggestions *re*: 17,331; 17,414-36; 17,478-82; 17,498.

Relief Funds (see under *Friendly Societies*).**Remedies:**

Accidents, prevention of: 16,301.

Arbitration, legal and compulsory (see subject heading).

Eight hours' day (see subject heading).

Employed, enginemen's certificate for: 17,322-3; 17,542-8.

Inquests: Assimilation of Scotch law to English *re*: 16,554-5; 16,567-71; 23,473; 26,687.

Legal standing for Union officials at, advocated: 17,332-8.

Technical knowledge for jurymen, advocated: 16,691; 17,339; 17,342-4.

Inspection, compulsory, of boilers and machinery, advocated: 17,325-8; 17,344-50.

Strikes, prevention of, (see subject heading).

Sunday work, abolition of, advocated: 16,475-7.

Weighing of ingots, compulsory, advocated: 16,451.

Sanitation:

Insanitary conditions: 16,450; 16,556-8; 23,471-2.

Lighting, bad: 16,450.

Ventilation, insufficient: 23,553.

Sliding Scales (Generally):

Adjustment of: 15,016; 15,493-5; 15,507; 15,531-9.

Advantage of: 14,769; 15,506; 15,817-20; 15,828.

Agreement clauses in: 15,864-7.

Application of: 14,826-7; 14,926; 14,938-9; 15,167-8; 16,620; 16,632-5; 16,657-60.

Approval of: 14,769; 14,826; 14,861; 15,734-5.

Arbitration *re*: 14,869; 14,929; 14,935-6; 14,941-3; 14,978; 15,015-7; 15,599-601; 15,604; 15,672; 15,779-85; 17,484-5.

Attempts to establish: 14,855

Sliding Scales (Generally)—continued.

Basis of:

- Ascertainment of prices : 14,978; 15,078-9; 15,493; 15,668-9.
 Premium, &c.: 15,019-25; 15,080-2; 15,493-5; 15,530.
 Realised prices: 14,927; 14,978; 15,014; 15,018; 15,023-5; 15,075; 15,079; 15,082-3; 15,495; 15,530; 15,667.
 Definition of: 16,407-8; 17,483-4.
 Depreciation of: 16,404; 16,464; 16,609; 16,629-31; 16,653-5.
 Duration of: 14,928; 14,978; 15,507.
 Effect upon wages: 15,121-2; 15,333-9; 15,495.
 Formation of: 15,014; 15,144-6; 15,486; 15,665-6; 15,699-700; 16,508-600; 16,631.
 Improvement in: 15,016; 15,272-3.
 In abeyance: 15,486; 15,493.
 In operation: 14,774-6; 14,829; 14,925; 14,940; 14,978; 15,014; 15,016; 15,077-8; 15,166; 15,189; 15,269-70; 15,486; 15,662-4; 15,670; 16,597.
 None: 14,855; 15,077; 15,929; 16,388; 16,705.
 Joint Committees and: 14,924; 14,978; 15,144-6; 15,166; 15,367; 15,490; 15,617; 15,681-6; 17,450-8.
 Objections to: 15,725-7; 15,864-7; 15,897-902; 16,405; 16,598-9; 16,629; 16,635; 17,425; 17,486-92.
 Organisation and: 14,776; 14,830; 16,614-20; 16,632-5; 16,656; 16,658-60.
 Period of: 15,014; 15,026-9.
 Renewal of, considered: 14,928; 15,504-7; 15,597-8.
 Satisfactory working of: 14,928; 14,937; 15,016; 15,671; 15,697-8; 15,723-4; 15,728-32.
 Termination of: 14,928; 14,935; 15,271; 15,486; 15,493.
 Cause of: 15,486; 15,493; 15,507.
 When established: 14,828; 14,978; 15,189; 15,486; 15,615; 15,665; 15,670; 15,722; 15,733.

Sliding Scales (Individual):

- Barrow Steel Works: 14,855; 14,861-2a; 14,869; 15,189.
 Eston Works: 14,922-4; 14,926-30; 14,937-43; 15,166.
 Midlands: 14,769; 14,774-6; 15,486; 15,490; 15,493-6; 15,504-7; 15,530-9; 15,597-604; 15,615.
 North of England: 14,774; 14,925; 14,978; 15,014-29; 15,075-83; 15,144-7; 15,166-8; 15,269-73; 15,333-9; 15,486; 15,615.
 South Wales: 15,662-75; 15,697; 15,733-5; 15,779-85; 15,817-9; 15,828; 15,864-6; 16,597-600; 16,614-20; 16,629-35; 16,653-60.
 "Thornicroft's": 15,527-39.
 Various: 14,940; 15,077-8; 15,144-6; 15,166-7.

State Interference: (see under *Eight Hours' Day and Remedies*).**Strikes**.

- Causes of, various: 14,978; 15,232; 15,486; 15,935; 15,998; 16,304; 16,382; 16,394-7; 16,409; 16,650; 17,322; 17,425; 17,554-7; 23,481-2.
 Compensation for: 15,486.
 Cost of: 16,304; 16,549; 23,482; 23,540.
 Decrease in: 15,069-74; 16,383.
 Importation of labour: 16,127-30; 17,313.
 Individual:
 Blacksmiths: 23,540-2; 23,560-3.
 Cleveland: 17,323; 17,449-58.
 Clyde Bridge: 15,976-9; 16,024-31; 16,287-98; 16,322-4.
 Darlington: 17,309-13; 17,378-9; 17,437-9.
 General, in 1866: 14,996; 15,102-4.
 Hartlepool and Frodingham: 17,326-3.
 Horrich Railway: 16,382-3; 16,492-502.
 Moulders', iron: 23,482-7.

Strikes—continued.

- Motherwell: 16,507-27; 16,566-72.
 Round Oaks Works: 15,617.
 Scotland, West of: 15,928-40. In 1890: 15,932-7; 16,223-4; 16,239-41.
 Sheffield: 16,704; 16,718-21.
 Sliding scales, re: 17,324; 17,366-70.
 South Wales; in 1873: 15,676; 15,776.
 In 1890: 16,400; 16,409-10; 16,605-6.
 Trades unionism, re: 16,395-7; 16,531-40.
 Minor disputes: 14,997; 15,041-3; 15,109-11; 15,232-3; 15,486; 15,676; 15,986-7; 16,782-4; 23,481.
 Number of: 14,822-5; 15,777-8; 16,647-51; 17,309; 17,371-3.
 Prevention of:
 Arbitration and conciliation by: 14,765-8; 14,819-25; 14,865; 15,927-30; 15,938; 15,950; 16,302.
 Arbitration, State Boards of by: 15,652-4; 16,319-21; 17,400-6.
 Joint committees by: 14,857-63; 14,878-83; 14,996-7; 15,069-71.
 Organisation of employed and employers by: 15,468-82; 15,486; 15,606-11; 16,317; 16,409-10; 16,452; 16,561-2; 23,491-2.
 Sliding scales by: 14,769; 14,928.
 Wages Boards by: 15,486; 15,581-90; 15,630-5; 15,672-61.
 Prosecutions re: 16,291-8; 66,518-26.
 Sub-contract system (see under *Employment*).
- Trades Unionism**: 14,762; 16,675-9.
- Advantages of: 16,583; 16,601-7.
 Apathy of employed to: 16,721-4; 16,740.
 Attitude to apprenticeship, &c.: 16,304-5; 16,653-7; 16,675-9; 23,459; 23,489.
 Profit sharing: 17,436; 17,498.
 Benefits of: 16,397; 16,532-7; 16,549-52; 16,589-92; 16,601; 16,636-8; 23,450.
 Grants to disabled members of: 16,591-2; 16,624-8; 23,473.
 Employers, amicable relations with: 14,786-6; 15,677-80; 15,021-2; 16,306-7; 16,397-8; 17,361-4; 23,478-80; 23,560.
 Non-recognition of, by: 14,830-1; 16,459; 16,593-4; 16,614-7; 16,716; 17,309; 17,323-4; 17,360-71; 17,556.
 Official relations with Associations of: 14,796-800; 16,920; 16,384-9; 16,414-21; 16,593; 16,613; 17,315-22; 17,370; 17,376-7; 23,462-4; 23,560.
 Executive, conduct of business by: 14,768; 14,790-5; 14,815-9; 14,836-8; 15,301-4; 15,985-7; 16,006-9; 16,390-3; 17,358-9.
 Loyalty of members to: 15,588; 15,617; 16,399-400; 16,486-92; 16,503-6; 16,540.
 Hours, limitation of, attitude of, to: 15,232-4; 15,238; 15,403-6; 16,091-5; 16,253-66; 16,322-31; 16,472-8; 16,748-9; 17,324; 17,558-64.
 Inquests, views of, on: 15,884-6; 16,554-5; 17,332-9; 23,473; 23,687-90.
 Membership of: 15,978; 15,996; 16,031-4; 16,376-81; 16,395-7; 16,453-6; 16,595-6; 16,610-1; 16,737; 17,298-307; 17,314; 17,450-8; 23,478-9; 23,533-7; 23,691-6.
 Decrease in: 16,005-9; 16,097-102; 16,587; 16,711-5.
 Proportions and relations of Unionists and Non-unionists: 14,758-61; 14,832-5; 14,884-8; 15,393-402; 15,660-1; 15,678-80; 15,914-7; 16,002-5; 16,372-5; 16,711; 17,354-7; 17,375-6; 17,494-6; 23,454-8; 23,478; 23,483; 23,537-9.
 Strikes, effect of, upon: 16,383; 16,457-8; 17,371-9; 17,550.
 Rules relating to arbitration re: 14,768; 14,819-25; 14,838; 15,304; 15,381-6; 16,529-30; 17,331; 17,374-5.

Trades Unionism—continued.

Unemployed, assisted by: 16,228-9; 16,551-2; 16,589; 16,601; 16,636-8; 23,488.

Victimised members of: 16,607; 16,364-5.

Wages, effect upon, of: 16,010-2; 16,102-8; 16,242-53; 16,401-2; 16,479-86; 16,725-31; 17,550-6; 17,571-2.

Witness, position of: 14,753; 14,814-6; 14,845-54; 14,922; 15,154-8; 15,655-9; 15,831-4; 15,906-19; 16,367-71; 16,579-88; 16,680-2; 17,298-300; 17,493-7; 23,446-50; 23,531-2.

Unemployed: 15,977; 16,226; 16,261-5; 16,355-7; 16,552; 17,411-5; 17,500-3; 23,488; 23,522-4.

Wages: 23,546-51.

Average earnings of:

Enginemmen and boilermen: 17,326-7; 17,504-7.

Hammermen: 16,132; 17,310-2.

Heaters: 16,169-71; 16,177-8.

Moulders: 23,460.

Rollers: 16,147; 16,159-65.

Contract system, under: 14,903; 14,907-8; 14,956-9; 14,966-73; 15,087; 15,119-21; 15,982; 16,166-8; 16,245-50; 16,359-62; 16,424; 16,701-2; 16,757-9.

Deductions: 16,414; 16,538; 16,572-3.

Eight hours' day and: 15,235-7; 17,391-2; 17,414-6; 23,572.

Fines: 16,382; 16,499-502; 16,601-5; 16,639-46; 16,661-9; 16,693-700; 16,755.

Gangs, of: 14,899; 16,148-9; 16,151-9; 16,479-82.

General wages question: 15,255-60; 15,266-8.

Joint Committees (see under).

Machinery, effects on: 15,146-53; 15,165; 15,194-203; 15,297; 15,351-3.

Wages—continued.

Payment of, suggestions re: 14,783-5; 16,469-71; 17,331; 17,417-25.

System of: 14,900-2; 14,978; 15,085-7; 15,119-27; 15,298; 15,367; 15,714-6; 15,984; 16,167-8; 16,251; 16,422; 16,541-7; 16,729-40; 16,768-78.

Rate of, average: 14,905; 14,978; 16,120; 16,285-6.

Night-work, for: 14,905; 15,711; 15,807-16.

Reduction in: 15,176; 15,333; 15,930-6; 15,939; 15,951-65; 15,977; 16,006; 16,010; 16,033-5; 16,210-3; 16,233-8; 16,483-6; 16,504; 16,509-10; 16,706-8; 16,736; 17,324; 22,482-3.

Relative, in Scotland and England: 16,000; 16,035-45; 16,115-21; 16,134-47; 16,160-26; 16,210-2.

In Union and Non-union works: 15,988-96; 16,012-34; 16,426-8; 16,732.

Rise in: 14,970; 15,293-300; 15,333-9; 15,984; 16,010-23; 16,252-3; 16,479; 16,483.

Settlement of: 14,798-800; 14,817-8; 14,861; 15,019; 15,140; 15,147-8; 17,171; 15,208; 15,332; 15,486; 15,581-8; 15,623; 15,561-2; 15,929; 16,191; 16,261; 16,401-3; 16,465-71; 16,673; 16,717-34; 16,768-78; 17,324.

Standard: 15,261-6; 15,336-9.

Strikes re: 15,930-6; 15,939-40; 15,954-63; 16,503-5; 16,509-17; 16,647-51; 16,718-21; 17,309-13; 17,324; 17,550-6; 23,482-7.

Sunday pay, dissatisfaction with: 15,703-10; 15,718-9; 15,725; 15,791-806; 15,897-902; 16,443.

Variation in: 15,193-204; 15,261; 15,351-2; 15,367; 15,370-2; 15,407-12.

Sliding scales, see subject heading.

State interference in, deprecated: 16,308-15; 17,459-60; 17,571-2.

IRON MINING.**Witnesses:**

Employed: Norman, John (1192-1219); Strong, Jabez (1220-1325); Toyn, Joseph (693-1191).

Employers: Bell, Hugh (1389-1565); Dennington, John (1326-1388); Walker, William (1566-1668).

Districts and places referred to:

Cleveland (*Yorkshire*): 698-9; 704-5; 725-7; 735; 738-9; 745; 749; 754-6; 769; 779; 782-4; 799; 845; 916; 1082; 1088; 1098; 1201; 1334; 1358; 1385; 1393-5; 1403; 1432-7; 1450; 1470; 1475; 1533-8; 1557; 1565; 1569-71; 1586.

Durham: 705; 749; 754; 847; 1082; 1088-9; 1097; 1234; 1386; 1432; 1436-7; 1465; 1533-8.

Glasgow (*N. B.*): 916.

Lancashire: 1014; 1084.

Lingdale (*Cleveland*): 1572.

Lumpsey (*Cleveland*): 1572.

Middlesborough (*Yorkshire*): 1389.

Northumberland: 1083; 1097.

Staffordshire: 1085.

Saltburn-by-the-Sea (*Yorkshire*): 1566.

Skelton Park (*Cleveland*): 1572.

Stanghow Mine (*Cleveland*): 1572.

Weardale (*Durham*): 702; 1432.

Yorkshire: 698; 865.

Accidents:

Compensation for: 735-8; 838-9.

Fatal: 875; 1536-9; 1591-2.

Number of: 874-5; 977-80.

Prevention of, impossible: 983-4; 991-4.

Acts of Parliament:

Coal Mines Regulation Act: 877-80; 963-4; 969-72; 976; 981-2; 992; 1016; 1303.

Amendments of: 878-81; 940; 965-6.

Employers' Liability Act: 888-9; 1007-14; 1087.

Arbitration and Conciliation:

Advocated: 791-2; 870; 898; 902; 906-8; 1181-4; 1229-31.

Awards of, general: 1395-8; 1400-5; 1468-73; 1495.

Compensation for refusal to obey, suggested: 1405; 1474-5; 1496-503; 1525-7; 1551; 1564-5.

Local arbitration: 810; 909; 1341-2; 1345; 1395-6; 1410.

Objections to: 810; 813-5; 1181-2; 1231-2; 1348; 1399; 1403; 1407; 1471; 1538.

Permanent or State Boards of, deprecated: 872; 927; 1174; 1495.

Refused: 896; 921.

Sliding scales and (see subject heading).

Trade Unionism and: 791; 897; 903-5; 1179a-81; 1564-5.

Umpires and: 791; 871-2; 1229; 1348; 1404; 1491-4.

Cleveland Mine Owners' and Miners' Joint Committee (or Conciliation Board):

Advantages and disadvantages of: 791-7; 810; 869-70; 1184; 1229; 1376; 1435.

Awards of: 794; 808; 910-1; 972; 1229; 1377-9; 1388; 1470; 1475; 1505.

Cases referred to: 754; 780-11; 794; 804-5; 808-13; 819; 831-5; 975; 1000; 1135-6; 1229; 1240; 1272; 1337-44; 1364-6; 1360-4; 1 8.

Arbitration and Conciliation—continued.

Constitution and procedure of: 749-53; 808; 846; 850-3; 869; 899-901; 906-8; 1224-6; 1229; 1334-8; 1349-63; 1372-5; 1377-9.

Umpires and: 808; 851; 872; 1229-30.

Associations:*Of Employed:*

Cleveland Miners' Association: 693-5; 701-2; 747; 758-9; 788-9; 863; 897-9; 923-5; 963; 1145-7; 1173; 1177-9a; 1197-200; 1223-4; 1228; 1233; 1250-2; 1384; 1564; 1585.

Miners' National Union: 888; 1007; 1011.

Of Employers:

Cleveland Mine Owners' Association: 749; 868-9; 1326-34; 1339-40; 1351; 1359; 1367; 1370-2; 1391-2; 1416-7; 1432; 1525; 1528; 1564; 1572.

Cleveland Mine Owners' and Miners' Joint Committee: 738-54; 780-1; 794; 805-11; 825; 831-4; 846-53; 869-70; 899; 903; 971-2; 1135; 1200; 1272; 1334-8; 1343-4; 1348-58; 1374-7; 1380-1; 1386; 1432; 1435; 1461-7; 1470; 1505; 1564; 1594.

Boy Labour:

Employment of, nature of: 796-800; 1144; 1304-5; 1577.

Hours of: 797-807; 1234-5.

Number employed in: 796; 806-7.

Wages of: 1143.

Compensation: 1581; 1595-6.

Accidents for: 735-8; 838-9.

Arbitration awards, for failure to carry out: 1405; 1474-5; 1495; 1525; 1551; 1564.

Competition:

Of Labour: 1162; 1166-7; 1297; 1299.

Eight Hours' Day:

In operation: 707; 710; 1072-7; 1208-9; 1554.

State interference with, deprecated: 836-7; 1169-72; 1211-6; 1234; 1237; 1245-6; 1250; 1271.

Employed:

Allowances to: 730-4; 738; 839-41.

Classes of, various: 711; 989-90; 1091-3; 1096-9; 1100-1; 1108-11; 1121-2; 1238-9; 1247-9; 1262; 1269; 1275; 1286-90; 1555-9; 1577; 1629.

Complaints of *re*: Inspection: 878; 930-40; 1015.

Labour-saving machinery: 772-7; 816; 822-3; 860-4; 894; 1022; 1042; 1054; 1110-1; 1118-9; 1126-9; 1137; 1255; 1267-8; 1271; 1279; 1597-9.

Prices: 1297-8; 1307; 1450-60.

Dismissal of: 780; 834-5; 1380-4.

Lime stone workers: 702-3; 882-7.

Migration of: 1012; 1112-3; 1117; 1173.

Number of: 699-700; 848-9; 1110-7; 1114-5; 1238; 1276-9; 1331; 1371; 1581.

Relations with employers: 745-7; 753; 786; 867-9; 1159-61; 1240; 1271; 1373-4; 1434-8; 1465-7; 1528-36; 1585; 1597-9.

Skilled and unskilled: 980-2; 1163-7; 1262; 1272; 1300-5; 1576-7.

Standard of living: 788-9; 873; 842-5; 1270-1; 1273-5.

Witness, position and experience of: 693-8; 1192-200; 1220-5.

Employers: 811-2; 1050; 1090.

Association and firms of: 1329-34; 1339-42; 1367-73; 1391-4; 1432-8; 1464; 1528-32; 1564.

Compensation paid by: 735-8; 838; 1581; 1595-6.

Hours and: 1068-72; 1232; 1237.

Prices and: 1296-8; 1307-17.

Employers—continued.

Profits of: 816; 1050-4; 1189-91; 1509.

Witness, experience and position of: 1326-8; 1335-6; 1389-90; 1566-8.

Employment:

Dangerous: 875; 1229; 1247; 1255; 1262; 1268-9; 1577.

Difference in conditions of: 1385-6; 1432-8; 1537-8.

Employers' Liability Act, contracting out of: 888-9; 1007-14; 1087-90.

Irregularity of: 769; 1173.

Laborious: 876-80; 1072; 1081; 1249; 1272-3; 1275-7.

Lodging and rent: 726-38; 770; 839-41; 1024.

Mode of lighting mine; 992-5.

Shifts, 2nd and 3rd: 704-9; 984-7; 988; 1091-102; 1249.

Timbering: 876-7; 988-90.

Inspection:

Legislation *re* workmen's, advocated: 879-86.

Lowering of examination for sub-inspectors, advocated: 878; 929-40; 1015-7.

Labour:

Average hours, 8 from bank to bank: 704-6; 710; 1072-7; 1208-9; 1554.

Above 8: 708-12; 806-7; 1217; 1232; 1239-42; 1555-7.

Days per week: 1138-9; 1239; 1558-9.

Effect upon health: 1216-9; 1234-5; 1243-7; 1249-51.

Overtime: 1094; 1415.

Reduction of hours, considered: 1068-72; 1168; 1232-4; 1239-52; 1555-7.

Satisfaction with hours: 1068; 1072; 1077-81; 1210; 1234.

Variation in hours; 1082-6.

Machinery (Labour Saving):

Advantages and disadvantages of: 772; 861-4; 894; 1042; 1136-37; 1255; 1266-72; 1568; 1578; 1589-92; 1612-28; 1621-8; 1636-8; 1647; 1655-6.

Cost of working of: 858-9; 1175-9; 1185-91; 1577-80; 1615.

Effect upon labour: 772-3; 816; 823; 1018-23; 1054-8; 1109-12; 1117-9; 1174; 1254; 1276-9; 1282; 1574-5; 1585; 1590; 1595-6; 1605; 1612; 1629-38; 1662-8.

Employed in charge of: 772; 822; 862; 890; 1106; 1256-63; 1284; 1576-7; 1600-4; 1629; 1656-8.

In operation or contemplation: 772; 854-7; 1049; 1103-5; 1255; 1272; 1286-90; 1568-74; 1577-81; 1619-20; 1630-2; 1647-8; 1659-61.

Output, and: 823; 1050-8; 1107-9; 1281-3; 1573; 1586; 1606-7; 1621-5; 1633; 1649-54.

Suggestions *re*: 972-8; 834-9; 894-5; 1018-9; 1262; 1271; 1585; 1597-9.

Production:*Output:*

Reduction of hours and: 1068-82.

Machinery, of: 823; 1054; 1107-9; 1279-83; 1586; 1606-14; 1624-5; 1629; 1649-52.

Man, per: 1047; 1068-72; 1078-81; 1122; 1256; 1621; 1623; 1651.

Mines, of: 1113-7; 1393-4; 1409; 1586.

Prices of: 1051-3; 1059-61; 1297-8; 1307-17; 1409; 1416-20; 1550; 1552-3.

Sliding scales (see under).

Relief Funds: 778-9; 1008-14; 1063-5;

See Northumberland and Durham Miners' Permanent Relief Fund Friendly Society, under Coal. Also Mr. Steele's evidence (2468-2578. Vol. 1).

Remedies :**Acts of Parliament :**

Mines Regulation Act, amendment of: 878-81; 940; 965.

Arbitration and conciliation :

Monetary penalty for failure to obey award, advocated: 1405; 1474-5; 1525; 1551; 1564.

Reduction of cases brought before Joint Committees: 1464-7.

State interference :

Minister of Mines: appointment of, advocated: 878.

Limitation of hours by: deprecated: 836-7; 1169-72; 1211-6; 1234; 1237; 1245-6; 1250; 1271.

Wages in, deprecated: 928; 1172; 1234.

Sliding Scales (Generally) :

Adjustment of: 1441-2; 1445-8; 1504-6.

Advantages of: 793; 1040-1; 1229; 1407; 1444; 1456-60; 1478; 1512-4.

Agreement: violation of; 1518-22.

Approval of: 793; 941; 1204; 1291; 1407.

Basis of: 1440; 1516.

Ascertainment of prices: 763-8; 943; 947; 1038-9; 1229; 1310-2; 1316-7; 1409-12; 1427-9; 1484-8; 1517; 1539-43.

Difficulty in obtaining satisfactory: 793; 912; 918-20; 950; 1228; 1291; 1416.

Principle of: 1229; 1409; 1448; 1508-11.

Quoted prices: 916-7; 1038-9; 1297-8; 1307-17; 1417-20; 1422-6; 1449-54; 1514-6; 1548-50.

Realised prices: 760-2; 1409; 1417-20; 1422-6; 1439; 1449-54; 1514-6.

Differences in: 916-7.

"Double jumps": 1442; 1509-11;

In operation: 914-5; 1485.

None: 717.

Objections to: 758; 912-3; 942; 1000-1; 1025-37; 1201-5; 1228-9; 1292; 1408; 1414-6; 1449-55; 1539; 1544-7; 1552-3.

Organisation: effect on; 758-9; 793; 923-6; 1066-7; 1145-57; 1228; 1295.

Past :

Duration of: 810; 1396.

Renewal of, considered: 1292; 1416.

Termination of: 757-8; 1408; 1422.

Period of: 810; 1442-4; 1504-6.

Rate of advance: 944-5; 996-9; 1026-31; 1201-3.

Reduction in rate: 1032-5; 1229.

Satisfactory working of: 1489.

Standard wage in: 718-20; 996.

Suggestions re future: 948-9; 1318-21; 1324-5; 1445-8; 1507-9.

Sliding Scales (Generally)—continued.

Wages, best means of settling: 952; 1294; 1407; 1421; 1444; 1523-4; 1560-3.

Wages, effect upon: 1026-35; 1153; 1292; 1322-3; 1396; 1413; 1415; 1456-60; 1476-83.

When established: 810; 1410; 1441.

When terminated: 810; 1396; 1407; 1441.

Sliding Scales (Individual)

Cleveland Iron: 716-20; 756-67; 793; 918-26; 941-50; 1201-5; 1223; 1292-5; 1316-25; 1396; 1407-29; 1439-60; 1476-90; 1539-53.

State Interference : (see under *Remedies*).**Strikes :**

Cost of: 786.

General in 1874: 784-5; 810; 865-6; 1006.

Local: 786; 866; 869; 1010; 1015; 1388; 12,457.

Prevention of: 922; 1181-4.

Arbitration and conciliation, by: 791-2; 794; 870-2; 907-9; 1230-1; 1376; 1395; 1489.

Trades Unionism : 772; 791-4; 780; 1133-4; 1171; 1234.

Employers and: 745-7; 780; 786-7; 830-1; 867-9; 1179a-80; 1528-32.

Deductions and: 724; 963-71.

Sliding scale, effect of, on: 758; 793; 923-6; 1005; 1066; 1145-52; 1228; 1295.

Unionists and non-unionists: 699-701; 782-3.

Unemployed : 774; 1162; 1166-7; 1297; 1299; 1581; 1595-6.

Wages : 721; 725; 1158-63.

Deductions: 713; 722-5; 954-76; 1141.

Division of, improved, suggested: 772-7; 724-9; 862-4; 894-5; 1019; 1271; 1585; 1597-9.

Former: 1044-8; 1052.

Machine men and drillers, of: 772; 817-21; 824-9; 891-3; 1120-8; 1133-4; 1138-42; 1256-66; 1582-4; 1639-46.

Miners, of: 772; 1043; 1120-6; 1266; 1270-5; 1584; 1639-46.

Prices, effect of, on: 1297-8; 1307-17; 1410; 1454-5; 1473; 1478-83; 1517-8.

Rate of, standard: 713-21; 996-9; 1268.

Tonnage: 713; 817; 1275.

Rise and fall in: 1026-34; 1344-6; 1419; 1552.

Settlement of: 791; 951; 1002-5; 1135; 1184; 1293-4; 1296; 1395-407; 1410; 1412; 1471-3; 1506-7; 1593.

Sliding scales (see subject heading).

State interference in, deprecated: 928; 1172; 1234.

Weekly payment of: 739-44; 842-3.

METAL SMITHS.**Witness :**

Hobson, Charles (18,976-19,286).

Places referred to :

Birmingham: 18,984-5; 19,255; 19,259.

Manchester: 19,268.

Sheffield: 18,976-8; 18,984-7; 19,018; 19,029-41; 19,046; 19,058; 19,065; 19,255; 19,259; 19,281.

Acts of Parliament :

Merchandise Marks Act: 19,040.

Apprenticeship : 19012; 19,153-6; 19,240-7.

Apprentices :

Complaints of excessive number of: 19,012; 19,079; 19,087; 19,238-9.

Training of, inefficient: 19,012; 19,072-6; 19,079-87; 19,206-25.

Better system of, advocated: 19,012; 19,081-4; 19,093-5; 19,215; 19,225.

Seven years, term of: 19,012; 19,203-5.

Arbitration and Conciliation: 19,250-3.

Awards of, enforcement of, considered: 19,057-62; 19,125-31; 19,167-79; 19,201-2; 19,279.

Joint Board of Conciliation, formation of, advocated: 19,029; 19,037-48; 19,355-6; 19,166; 19,263-79.

Legal powers for, advocated: 19,049-54; 19,124-8; 19,260-2; 19,279.

Associations:*Of Employed:*

Britannia Metal Smith's Union: 18,977-85; 19,064-5; 19,070; 19,077-8; 19,080-4.

Silver Plate Protection Society: 18,979-85; 18,995; 19,064; 19,070.

Of Employers:

Cutlers' Company: 19,029; 19,037-46; 19,166.

Boy Labour: 19,012; 19,076-8.

Co-operation: 19,099-102.

Congress:

Trades Union, Swansea: 19,029.

Councils:

Federated Trades Council, Manchester: 19,039; 19,267-76.

Sheffield: 18,976-8; 19,029; 19,031-7; 19,104; 19,166; 19,255; 19,259; 19,280-6.

Chambers of Commerce: 19,029; 19,037-47; 19,166.

Eight Hours' Day:

Advocated: 19,030; 19,123.

Compulsory, deprecated: 19,066.

In operation: 19,030.

With trade option, advocated: 19,067-9; 19,132-52; 19,199-200; 19,254-9.

Employed: 19,029; 19,157-9.

Classes of: 19,018; 19,029.

Complaints of, *re*:

Apprentices, number of: 19,012; 19,072-4; 19,206-8; 19,238-44.

Contractors and middlemen: 19,018-29; 19,075; 19,188.

Employers: 19,018; 19,029.

Fines and lost time: 19,029.

Dismissal of: 19,029; 19,104-6; 19,160; 19,180-5.

Disputes and: 19,029.

Number of: 18,986-95.

Relations with employers: 19,003; 19,008-9; 19,018; 19,029; 19,186-97; 19,250-3.

Skill of: 19,018; 19,077; 19,180-3; 19,221.

Suggestions by: 19,029; 19,104-23; 19,160-5; 19,233-7.

Unskilled: 19,012; 19,018; 19,074-84; 19,088-92; 19,181-3.

Employers: 19,007; 19,207.

Small masters and middlemen: 19,018-29; 19,075-6; 19,085-92; 19,097-8.

Employers—continued.

Suggestions of employed to: 19,029; 19,104-23; 19,160-5; 19,180-5.

Trades Union and: 19,029; 19,065; 19,191.

Employment:

Factories, in: 18,997-19,000.

Irregular and unhealthy: 19,029; 19,230.

Overtime, alleged cause of surplus labour: 19,135-40.

Sub-contract system: 19,013-8; 19,085-7.

Inspection:

Inefficient: 19,029.

Working men as inspectors, advocated: 19,029.

Labour:

Average hours: 19,029-36.

Lost time and overtime: 19,029; 19,118-9; 19,135-40; 19,198.

Suggestion *re* division of hours in slack times: 19,029; 19,104-23; 19,160-5; 19,233-7.

Production: 19,018; 19,030.

Remedies:

Apprenticeship, improved system of, advocated: 19,012; 19,081-4; 19,093-5; 19,215; 19,225.

Board of Conciliation, formation of, advocated: 19,029; 19,037-56; 19,124-8; 19,166; 19,263-79.

Employment, division of hours in slack times, advocated: 19,029; 19,104-23; 19,160-5; 19,233-7.

Strikes, prevention of, by conciliation: 19,029; 19,037-63; 19,070; 19,129; 19,166; 19,280-6.

Sanitation: 19,029.

Strikes:

Causes of: 19,018; 19,029.

Few: 19,002; 19,029; 19,071.

Prevention of (see under *Remedies*).

Trade Unionism: 19,091.

Advantages of: 19,029; 19,081-4; 19,189-92.

Assistance to unemployed members of: 19,029.

Attitude of, to apprenticeship: 19,012; 19,081-4; 19,093-5; 19,215; 19,240-7.

Middlemen: 19,025-9.

Effect upon strikes: 19,029; 19,280-6.

Effect of, upon wages: 19,029; 19,188.

Employers, attitude of to: 19,029; 19,065; 19,191.

Membership of: 19,077-84.

Rules and recommendations of: 19,029-30; 19,069-70; 19,112-23.

Wages:

Average rate of: 19,226-30.

Fines: 19,029.

Piecework, for: 19,001; 19,029.

Reductions of: 19,029; 19,186.

Rise in: 19,004-7.

Sub-contract: 19,089-98; 19,095-6.

Women's Labour: 19,993-19,001.

ROYAL ARSENALS AND ORDNANCE STORE.

Witnesses :

Employed: Clements, George (23,923-95; Queloh, Henry, (23,697-922).

Districts and places referred to :

Bermondsey : 23,760-1; 23,780.
 Birmingham : 23,875.
 Channel Islands : 23,946.
 Enfield : 23,875.
 London : 23,760; 23,942.
 London and Victoria Docks : 23,942; 23,958; 23,962.
 Malta : 23,946.
 Sheffield : 23,892.
 Thames : 23,697; 23,980.
 Woolwich : 23,698-700; 23,739; 23,905; 23,923; 23,930.

Accidents :

Compensation for : 23,707; 23,726-7.
 Fatal, collection for : 23,727; 23,756.
 Provision for widows : 23,727; 23,774-5.

Allowances : 23,707-13; 23,933-7; 23,976-83.**Associations :**

Engineers' Society : 23,749.
 Gas Workers and General Labourers' Union : 23,700.
 Hammermen's Union : 23,700.
 Labour Protection League : 23,697-706; 23,738-9; 23,776-8; 23,836; 23,895-901.
 Social Democratic Federation : 23,844.

Boy Labour : 23,713; 23,723.**Competition :** 23,748; 23,790; 23,835.**Eight Hours' Day :**

Considered : 23,757-8; 23,835-6; 23,917-8.
 Legal, with penalty, advocated : 23,882-92.

Employed : 23,888-92.

Age of : 23,968.
 Change of employment of : 23,800-1; 23,970-6.
 Classes of :
 Ordnance Store employes : 23,942-7; 23,962.
 London dockmen, comparative : 23,942-52.
 Woolwich Arsenal employes : 23,707-13; 23,723-4; 23,811.
 Complaints of *re* :
 Employment, conditions of : 23,707-23; 23,726-7; 23,745-51; 23,953-6; 23,962.
 Favoritism : 23,737; 23,746.
 Lost time : 23,723-6.
 Various : 23,793-5; 23,823-9.
 Wages : 23,707-23; 23,726-7; 23,745-6; 23,963-5.
 Discipline of : 23,723-6; 23,849-58.
 Foremen, examination of, advocated : 23,737; 23,792-5.
 Powers of : 23,734; 23,746; 23,792-9; 23,859-62.
 Holidays and : 23,930-1; 23,940-1.
 Increased work of : 23,987-9.
 Number of : 23,700; 23,789-91.

Employed :

Organisation of : 23,738-9; 23,907-16.
 Pensioners and : 23,802-5; 23,879-81; 23,966-9; 23,985-6; 23,991-5.

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Employed—continued.

Promotion of : 23,991-5.
 Improved system of, advocated : 23,735-7; 23,744; 23,859-65; 23,953-8.
 Rent paid by : 23,727-34.
 Shifting of : 23,734-5.
 Sick pay for : 23,707-12; 23,766-9; 23,932-7; 23,977-84.
 Skill of : 23,727; 23,752-3.
 Standard of living of : 23,760; 23,930; 23,940.

Employers : 23,823-34.

Advantage taken by : 23,823-9.
 Government : 23,760-2; 23,957.

Employment :

Change of : 23,800-2; 23,970-6.
 Conditions of : 23,707; 23,713; 23,724; 23,810-1; 23,953; 23,968-9; 23,987-9.
 Irregular and uncertain : 23,722; 23,765.
 Nature of : 23,707; 23,748; 23,753; 23,783; 23,942; 23,962-3.
 Piecework : 23,713; 23,734-5; 23,747-51.
 Electric light suggested in : 23,959-61.

Labour :

Holidays : 23,709; 23,712; 23,766-73; 23,830-4; 23,930; 23,935-41.
 Hours :
 Arsenal, employes of : 23,721-2; 23,725.
 Bermondsey Vestry, employes of : 23,761-2.
 Dock Company, of : 23,948-53.
 Fridays and Saturdays, on : 23,721; 23,757; 23,866; 23,939-40.
 Ordnance store, employes of : 23,980; 23,949-50.
 Reduction of, to 48 per week advocated : 23,745; 23,757-8; 23,835-6; 23,866-72; 23,917-8.
 Suggestion *re* : 23,959.
 Lost time : 23,713; 23,732; 23,725-6; 23,849-58; 23,930-3.
 Meal times : 23,721; 23,959-60.
 Overtime : 23,723-4; 23,954-5.
 Regulations *re* : 23,725.

Machinery : 23,713; 23,747; 23,888; 23,988.**Pensions :** 23,707; 23,740; 23,985.

Receipt of : 23,713; 23,805; 23,879-81; 23,966-7.

Production : 23,762; 23,780-1.

Government : 23,762; 23,873-8.
 Output : 23,987-9.

Remedies :

Employment, bonus and piecework to be abolished; 23,743.
 Improved system of promotion advocated : 23,735-7; 23,744; 23,859-65; 23,953-8.

Labour :

Alteration of lost time scale advocated : 23,725-6.
 Reduction of hours to 48 per week, advocated : 23,745; 23,757-8; 23,835-6; 23,917-8.
 Wages, minimum rate of, advocated : 23,734-5; 23,743; 23,759-60; 23,779-86; 23,919-22.

Socialism : 23,836-48; 23,907.**Strikes :**

Deprecated : 23,741-2.

Trades Unionism:

Effect of, on wages: 23,812-6; 23,902-6.
 Deputation of, to War Office, suggested: 23,895-901;
 23,905.
 Membership of: 23,697-701; 23,738-9; 23,778;
 23,909-16.
 Piecework objected to by: 23,749.

Wages:

Advance in: 23,700; 23,902-6; 23,990.
 Average earnings:
 Ordnance Store Department, in: 23,926-9; 23,940;
 23,953-8; 23,962-3.
 Woolwich Arsenal, in: 23,707-13; 23,727; 23,806-
 9.
 Youths, of: 23,713-21.
 Comparative earnings: 23,727; 23,763-4; 23,807-11.
 Bermondsey Vestry and Woolwich Arsenal,
 employes of: 23,750-5; 23,780-8; 23,812-23.

Wages—continued.

London Dockmen and Woolwich Arsenal, employes
 of: 23,763-4; 23,787-90; 23,942-53; 23,963-5;
 23,980-4.
 Bonus and: 23,707; 23,726-7; 23,985-6.
 Deductions from: 23,727; 23,931-3.
 Discontent with rating of: 23,707-34; 23,726-7;
 23,745-6; 23,963-5.
 Eight hours' day and: 23,866-72.
 Holidays and: 23,768-70; 23,830-4; 23,938-40;
 23,982.
 Minimum rate of 30s. advocated: 23,734-5; 23,743;
 23,759-60; 23,779-86; 23,919-22.
 Negotiations re: 23,700; 23,894-902; 23,905-6.
 Overtime and piecework, for: 25,723-5; 23,747-51;
 23,754-5.
 Pensioners and: 23,879-81; 23,966-9; 23,991.
 Settlement of: 23,707; 23,713; 23,748.
 Uniformity of, desired: 23,734; 23,745; 23,783-6;
 23,893; 23,953.

SHIPBUILDING.**Witnesses:**

Employed: Allison, Robert Roberts (24,544-556);
 Anderson, Alexander (24,228-402); Caird, Charles
 Simpson (24,403-543); Chandler, Francis (21,968-
 22,344); Cherry, George Baker (23,339-445);
 Clarke, George (23,263-338); Conley, James (21,155-
 241); Fox, F. (21,242-388); Glennie, William
 (23,066-262); Gordon, Richard Shephard (23,996-
 24,132); Gould, Richard (21,690-967); Hare,
 Andrew (20,626-675); Heslop, Joseph (21,593-654);
 Knight R. (20,676-21,154); Law, Alexander (21,655-
 689); Lewington, William James (23,996-24,132);
 Lindsay, John (23,263-338); McDowell, Robert
 (23,263-338); Mosses, William (22,345-643);
 O'Neill, J. (21,155-241); Paterson, William (21,968-
 22,344); Roberts, R. (21,242-388); Rothwell, R.
 (21,155-241); Rowe, Samuel James (24,193-227);
 Smith, M. (21,242-388); Steadman, William Charles
 (20,271-413); Swift, James (23,575-686, and 23,691-
 696); Twigg, Thomas (24,133-192); Wade, Owen
 (20,414-625); Wilkie, Alexander (21,389-592).
Employers: Doxford, William Theodore (26,559-615);
 Dunlop, David John (26,528-558); Forwood, M.P.
 The Right Honourable Arthur B. (25,805-26,021);
 Haswell, John (25,699-734); Hills, Arnold Frank
 (24,893-25,185); Inglis, John (26,091-279); Laing,
 James (26,022-090); MacIlwaine, John Henry
 (26,469-527); Noble, Captain Andrew (25,186-498);
 Price, John (26,280-468); Seaton, Albert Edward
 (25,499-645); Williamson, James (25,805-26,021).

Districts and places referred to:

Aberdeen: 21,437; 22,407.
 Airdrie (*Lanarkshire*): 22,407.
 America: 25,382.
 Barrow-in-Furness (*Lancashire*): 21,195; 21,483;
 22,024; 22,357; 23,342; 24,139; 24,236; 24,408;
 25,281.
 Battersea (*Surrey*): 20,345.
 Belfast (*Antrim*): 20,425; 20,467; 20,683; 20,724;
 20,729; 21,194-5; 21,373-5; 21,994; 21,998-9;
 22,355-6; 22,363-7; 22,454; 22,620; 24,140; 24,445;
 25,821; 25,832; 25,841; 25,859; 26,469-74; 26,494;
 26,513.
 Belgium: 25,299.
 Birkenhead (*Cheshire*): 20,724; 21,242; 21,272;
 24,139; 25,859.
 Birmingham (*Warwickshire*): 23,549.
 Blackwall (*Middlesex*): 20,382; 24,894.
 Blenavon (*Monmouthshire*): 21,288; 21,354.
 Blyth (*Northumberland*): 20,416; 20,574; 21,593;
 22,059.

Districts and places referred to—continued.

Bradford (*Yorkshire*): 23,425.
 Brentford (*Middlesex*): 20,341.
 Bristol Channel: 22,383.
 Cardiff (*Glamorganshire*): 21,259; 21,268-9; 21,296-
 7; 21,303; 21,370-1; 21,377-8; 21,387; 24,139.
 Carrickfergus (*Antrim*): 20,683; 21,003.
 Channel Islands: 24,213.
 Chatham (*Kent*): 21,835; 21,947; 22,409; 22,420;
 23,997-9; 24,008; 24,012; 24,034; 24,050; 24,139;
 24,193-5; 24,545; 24,903.
 Chepstow (*Monmouthshire*): 21,378.
 Clyde: 20,698; 20,704-6; 20,709-12; 21,015; 21,022;
 21,195; 21,219; 21,272; 21,474; 21,428; 21,436-7;
 21,456; 21,483; 21,655; 21,660; 21,665; 21,937;
 21,950; 21,994; 22,016-8; 22,020; 22,060-1; 22,066;
 22,331; 23,342; 24,037; 24,111; 24,236; 24,408;
 25,070; 25,388; 25,821; 25,832; 25,841; 25,859;
 25,984; 26,073; 26,095; 26,118-23; 26,132 26,166-
 9; 26,241-5; 26,284; 26,332; 26,531 535;
 26,547-8.
 Clydebank (*Dumbartonshire*): 23,342.
 Cyfartha (*Glamorganshire*): 21,354.
 Darlington (*Durham*): 21,158.
 Devonport (*Devonshire*): 21,913; 21,947; 21,953;
 23,999; 24,008; 24,020; 24,043; 24,050; 24,139;
 24,199; 24,213; 24,408; 24,448; 24,471.
 Dowlais (*Brecon*): 21,268-9; 21,288; 21,307; 21,354;
 21,369.
 Durham: 25,075.
 Ebbw Vale (*Monmouthshire*): 21,272; 21,281; 21,286;
 21,288-91; 21,338-9; 21,346-7; 21,352-4; 21,360-3;
 21,368-71.
 Edinburgh (*N.B.*): 21,473; 23,402.
 Elswick Works (*Northumberland*): 20,988; 22,130;
 24,444; 25,217; 25,323; 25,460; 25,495.
 England: 20,687; 20,692; 21,191; 21,219; 21,473;
 25,299; 26,095; 26,101; 26,115.
 Falmouth (*Cornwall*): 21,838.
 France: 25,299.
 Germany: 21,115.
 Glasgow (*N.B.*): 21,211; 21,415; 21,473; 21,475;
 21,477-9; 21,509; 21,660; 22,407; 22,456; 23,402;
 25,344; 26,091; 26,140.
 Gosport (*Hants*): 21,925.
 Great Britain: 20,683; 21,191; 21,219; 21,404;
 23,372; 26,095-7; 26,116.
 Greenock (*Renfrew*): 21,660.

Districts and places referred to—continued.

Greenwich (*Kent*): 22,418; 25,811.
 Hartlepool (*Durham*): 20,718; 21,158; 21,593; 21,937; 24,139.
 West (*Durham*): 20,627-8.
 Hebburn (*Durham*): 23,083-7; 23,342.
 Howden Dock (*Northumberland*): 20,575.
 Hull (*Yorkshire*): 21,195; 21,979-80; 21,989-90; 24,139; 25,070; 25,499; 25,514-5; 25,536; 25,541; 25,612; 25,615; 25,633; 25,821.
 Ireland: 20,687; 21,191; 21,219; 21,404; 21,473; 22,355; 23,372.
 Italy: 25,299.
 Jarrow (*Durham*): 21,272; 23,086; 23,342; 23,344; 26,281; 26,332.
 Johnstone (*Renfrew*): 22,407.
 Kilmarnock (*Ayrshire*): 22,407.
 Lancashire: 20,825.
 Lincolnshire: 20,468.
 Liverpool (*Lancashire*): 21,195; 21,242; 21,256; 22,456; 23,340; 23,381-2; 23,387; 24,139; 25,859.
 London: 20,430; 20,467; 21,473; 21,951; 22,005; 22,418; 22,427; 22,464; 22,607-10; 23,407; 24,031; 24,034; 24,139; 24,896; 25,859; 25,982.
 Londonderry (*Londonderry*): 21,195.
 Manchester (*Lancashire*): 21,970; 22,346; 22,387-90; 22,398; 22,611; 25,360.
 Mersey: 21,242; 21,272; 21,373; 21,376; 21,483; 21,937; 21,950; 24,236; 24,408; 24,442; 25,821.
 Middlesborough (*Yorkshire*): 21,158; 22,357-9; 25,204.
 Millwall (*Middlesex*): 20,287.
 Monmouthshire: 21,944.
 Motherwell (*Lanarkshire*): 22,407; 22,526.
 Newcastle (*Northumberland*): 20,444; 20,465-6; 20,676; 20,702; 20,718; 20,724; 21,188; 21,391; 21,473; 21,509; 24,139; 25,186; 25,223-5; 25,726; 26,284.
 Newport (*Monmouthshire*): 21,060; 21,296; 21,370; 21,378.
 Paisley (*Renfrew*): 22,407; 23,402.
 Pembroke Dock (*Pembrokeshire*): 21,272; 21,328-9; 21,331; 21,333; 21,933-40; 21,948; 21,953; 23,999-24,000; 24,139; 24,403-5; 24,408; 24,421; 24,427-8; 24,435; 24,451; 24,476; 24,528; 24,536.
 Plymouth (*Devonshire*): 24,008; 24,020.
 Port Glasgow (*Renfrew*): 26,267; 26,528.
 Portskewet (*Monmouthshire*): 21,378.
 Portsmouth (*Hants*): 21,690; 21,703; 21,752; 21,834; 21,844; 21,913; 21,930-4; 21,938-42; 21,947; 21,953; 24,043; 24,139; 24,197; 24,216; 24,230; 25,812; 25,821-2.
 Pozzuoli (*Italy*): 25,323.
 Queenborough (*Kent*): 24,216.
 Renfrew: 22,407.
 Rhymney (*Brecon*): 21,354; 21,369.
 Rochester (*Kent*): 22,420.
 Rotherhithe (*Surrey*): 20,299; 20,345.
 Scotland: 20,687; 21,062; 21,191; 21,210; 21,214; 21,219; 21,473; 22,526; 23,402; 24,140; 25,385; 26,095; 26,098; 26,101; 26,115-6; 26,293.
 Shadwell (*Middlesex*): 20,345.
 Sheerness (*Kent*): 21,947; 24,034; 24,043; 24,110-1; 24,133-4; 24,139; 24,216; 24,222; 25,842.
 South Bank (*Yorkshire*): 21,158.
 South Shields (*Durham*): 20,415-6; 20,574.
 Southampton (*Hants*): 21,195; 21,467; 21,925; 21,931; 21,938; 22,008.
 Stockton-on-Tees (*Durham*): 21,158; 24,139; 25,204.
 Sunderland (*Durham*): 20,477; 20,480; 20,500; 21,183; 21,186-91; 21,195-6; 21,209; 21,221; 21,223-7; 21,606; 22,022; 22,028; 24,139; 25,595; 25,704; 25,707-11; 26,026; 26,559.
 Swansea (*Glamorganshire*): 21,060; 21,296; 21,371; 21,378.

Districts and places referred to—continued.

Switzerland: 25,299.
 Tees: 20,562; 20,688; 20,704; 20,816; 21,164-6; 21,593; 26,604.
 Teeside Ironworks: 22,357-8; 22,360.
 Terni (*Italy*): 25,299; 25,383.
 Thames: 20,273-4; 20,282; 20,291-2; 20,303; 20,313; 20,315-8; 20,321; 20,324; 20,341; 20,347-8; 20,363; 20,365; 20,374; 20,386; 20,408; 20,411; 21,483; 21,937; 21,950-1; 22,622-4; 24,236; 24,408; 24,505; 25,104-5; 25,387-8; 25,821.
 Thames Ironworks: 20,387; 22,005; 24,895; 24,932; 25,921.
 Tilbury (*Essex*): 20,324.
 Tredegar (*Brecon*): 21,288; 21,354; 21,369.
 Tyne: 20,479-80; 20,510; 20,521; 20,558; 20,562; 20,574-5; 20,578; 20,594; 20,609; 20,683; 20,688-9; 20,692; 20,704; 20,834; 20,852; 20,866; 21,045; 21,114; 21,184; 21,188; 21,272; 21,427-8; 21,437-8; 21,456; 21,483; 21,593; 21,606; 21,625; 21,937; 21,950; 22,051-2; 22,058; 22,070-1; 22,080-2; 22,111; 22,115; 22,137; 22,194; 22,210; 22,234; 22,243; 22,281; 22,290; 22,331; 22,456; 22,607; 22,622-4; 22,627; 23,081-2; 23,087-90; 23,196; 23,204; 23,211; 23,342; 23,350-4; 23,361-2; 23,365-7; 23,439-40; 23,443; 24,037; 24,111; 24,236; 24,408; 24,443; 25,189; 25,204; 25,232; 25,386; 25,388; 25,474-5; 25,726-7; 25,821; 25,982; 26,037; 26,052; 26,284; 26,306-8; 26,435; 26,572; 26,578; 26,604.
 United Kingdom: 20,678; 20,688; 20,693; 20,699-700; 20,724; 21,114; 21,404; 22,426; 22,354; 22,387; 23,372; 24,139.
 United States of America: 21,113.
 Victoria Docks (*Essex*): 24,123.
 Wales: 20,687; 21,060; 21,380.
 South: 21,261; 21,270; 21,272; 21,274; 21,344; 24,492.
 Wallsend (*Northumberland*): 21,595; 22,133.
 Wear: 20,479; 20,562; 20,688-9; 20,692; 20,704; 21,184-6; 21,191; 22,022; 22,335-6; 22,456; 23,088; 23,204; 23,443; 24,548; 25,189; 25,204; 25,385-6; 25,388; 25,706; 25,712; 25,726-7; 25,982; 26,022-6; 26,031; 26,037; 26,052; 26,059; 26,076; 26,248; 26,560-6; 26,572; 26,578; 26,585; 26,599; 26,604.
 Whitby (*Yorkshire*): 21,158; 21,593; 21,604.
 Wishaw (*Lanarkshire*): 22,407; 22,526.
 Woolston (*Hants*): 21,925; 21,938; 22,007-8.
 Woolwich (*Kent*): 20,341; 24,011; 24,034.
 Yorkshire: 20,825; 22,407.

Accidents:

Accident pay: 23,672; 24,015-6; 24,130; 24,200; 24,269-71; 24,273; 24,408; 25,495-8; 25,811; 25,960; 26,463.
 Benefit fund: 20,413; 20,752; 21,398; 23,375.
 Causes of: 21,231-3; 21,235-41; 21,256; 21,270; 21,473; 21,605-7; 21,629; 24,222; 26,319; 26,328.
 Compensation for: 20,900-14; 21,222; 21,256; 21,270; 21,619; 21,637-8; 21,820; 24,418-22; 26,319-28; 26,437-9.
 Insurance against: 24,408.
 Inquiry into: 20,916-9.
 Number of: 20,890; 20,915; 21,240; 21,628; 24,408.
 Prevention of: 21,228-9; 21,234; 21,237-9; 21,270; 21,605-11; 21,617; 21,630-2; 21,641-54.
 Special fund for: 21,189; 21,221-2.

Acts of Parliament:

Companies Acts: 21,467-72.
 Conspiracy and Protection of Property Act: 21,475-82; 26,140; 26,157-61; 26,207-39.
 Employers' Liability Act: 20,899.
 Amendment of: 20,902-5; 20,922-6; 21,219; 21,256; 21,258; 21,619-24; 21,633; 21,636; 26,318-23; 26,436.

Acts of Parliament—continued.

Compensation under: 20,901-14; 21,189; 21,222; 21,637-8; 26,437-9; 26,462-8.
 Contracting out of: 25,495-8; 26,435.
 Doctrine of "common employment" and: 20,906-7; 21,219; 21,619; 21,634-5; 26,323-8; 26,440-52.
 Factory and Workshop Act: 21,614-6; 22,477-84; 25,205.
 Glasgow Police Act: 21,479.
 Lord Campbell's Act: 26,440; 26,443.
 Master and Servant Act: 20,608.
 Trade Union Act: 21,473.
 Workshop Regulation Act: 20,357.

Allowances:

Grinding money: 20,290-1.
 Houses: 24,408.
 Lodging: 21,186.
 Medical attendance and hospital expenses: 21,820; 24,200; 24,267-8; 25,811; 25,960.
 Subsistence: 24,201.
 Wood money: 20,287; 20,358-60.

Apprenticeship:**Apprentices:**

Age of: 20,683; 20,736-8; 21,101; 21,219; 21,244; 21,274; 22,207; 22,449; 25,704; 26,095; 26,114.
 As members of unions: 20,989-93; 21,403; 21,462; 21,975.
 Displacement of adult labour by: 20,683; 20,845-7; 21,219; 25,217; 26,149-53.
 Examination of: 24,060-1; 24,180-3; 24,185-92; 24,405; 24,548-9; 25,860.
 Overtime and: 25,205.
 Proportion of, to journeymen: 20,683; 20,739-40; 21,031-7; 21,089-90; 21,120-8; 21,219; 21,244; 23,410-4; 25,217; 25,532-3; 25,704; 25,710; 26,095-117; 26,162-74.
 Restriction of number of: 20,683; 20,739-44; 20,783-92; 20,847-9; 21,031-7; 21,089-106; 21,118-9; 21,465-6; 25,214; 25,532-3; 25,704-9; 25,711; 25,732-4; 26,095-131; 26,149-53; 26,167; 26,473.
 Associations and: 20,536-9; 20,683; 20,736-44; 20,765; 20,783-92; 20,986-94; 21,029-37; 21,089-106; 21,191; 21,214; 21,244; 21,462; 21,465; 21,592; 23,409-14; 25,704; 26,095; 26,128-31; 26,473.
 Grievance re: 24,180-3; 24,185-92; 24,548-51.
 Indentures, system of: 20,732-3; 20,979-85; 21,191; 21,462-4; 21,598; 25,213; 26,175-8.
 Length of: 21,244; 21,274; 21,278; 21,603; 22,205-7; 22,448-9; 22,639-41; 23,407-8; 24,373-4; 24,408; 24,532; 25,811; 25,983-4.
 Necessity for: 20,889-92; 21,274; 24,104-9; 24,115.
 System of: 20,683; 20,979; 21,029; 21,219; 21,244; 21,274-9; 21,365; 21,462; 21,598-603; 22,207; 23,342; 24,180; 24,225; 24,369-74; 24,393; 24,528-43; 25,213; 25,216; 25,811; 25,972-81; 25,985-6.
 Amendment of: 21,219-20; 21,274; 21,462; 21,588-92; 24,180-3; 24,185-92; 24,408.
 Unsatisfactory: 20,683; 20,734-5; 20,982; 20,985; 21,028-9; 21,274-80; 21,598-601.

Arbitration and Conciliation:**Arbitration:**

Compulsory, advocated: 26,338; 26,350-1.
 Offered: 21,414; 21,660; 23,391.
 Refused: 23,389-90; 25,225-7.
 Resorted to: 20,708; 20,966; 21,437; 21,671-5; 21,980; 22,051; 23,381; 23,391; 23,422-5.

Arbitration and Conciliation—continued.

State, advocated: 24,962-3; 25,046-50.
 State, deprecated: 20,830-1; 25,237; 25,241; 25,352; 25,458-9; 26,065-70.
 Voluntary, advocated: 20,503; 20,597-9; 20,864; 21,272; 21,453; 21,522-3; 21,660; 21,681-2; 22,059; 22,471-4; 23,432; 24,962-70; 25,040-5; 25,344; 26,336-8; 26,351; 26,353; 26,361; 26,376-83.
 Voluntary, deprecated: 26,133; 26,276-9.
Arbitrator:
 Employer as, advocated: 22,270-2.
 Employer as, deprecated: 22,255-7.
 Employer, refusal of, to act as: 22,254; 22,259-60; 22,270-1; 26,306-8.
 Individual, deprecated: 22,150; 22,163-8; 22,177; 22,193; 22,272.
 Associations and: 20,486-99; 20,571-2; 20,937; 20,940; 21,414; 21,452-3; 21,456; 21,519-21; 21,524; 21,531-4; 21,549-53; 22,038-42; 22,059; 22,154; 23,378; 23,384; 23,418-24; 23,429-30; 25,225-9; 25,238; 26,050-1; 26,053-5; 26,284; 26,434.
Awards of:
 Accepted: 21,443; 22,157-9; 22,194-7; 26,433.
 Issued: 23,348-9; 23,359-61; 26,284.
 Means of enforcing: 21,551-3; 23,426-8; 25,348-53; 25,451-5; 26,338-52; 26,384-97; 26,414-6.
 Repudiated: 20,937; 21,438-43; 22,134-53; 22,174-81; 22,194; 22,279-85; 23,349-56; 23,360-7; 25,225; 25,284; 25,456-7; 26,284; 26,576; 26,578-82.
 Ballot, control of, by State arbitrator or mediator: 25,238; 25,553-7.
Boards of Arbitration:
 Present: 20,966-70; 21,980.
 Proposed: 22,165-71; 22,182-90; 22,235-41; 22,273-8; 22,472.
Boards of Conciliation:
 Failure of: 22,003-4; 23,344; 26,024.
 Past: 21,439; 21,448-51; 22,157; 22,190-2; 22,642-3; 23,342-4; 23,359-60; 26,022-5; 26,284.
 Present: 21,998-22,004; 22,022-3; 22,070; 22,335-7; 22,341-4; 25,536-9; 25,549-51; 25,633-8; 25,641-3; 26,314; 26,434.
 Proposed: 21,452; 21,519; 23,344; 26,433; 26,473; 26,475-7; 26,489-90.
 With compulsory powers: 26,577.
Conciliation:
 Advocated: 20,310-4; 20,354; 20,501-2; 20,832-3; 21,456; 21,520-2; 21,549; 21,660; 21,681-2; 22,038-41; 22,059; 22,065; 22,069; 22,163; 22,198; 22,330-4; 22,338-41; 23,344; 23,415-7; 23,432; 24,962-3; 25,233; 25,240; 25,242-6; 25,343; 26,070; 26,284; 26,473; 26,475-7.
 Offered: 22,154; 22,157; 22,194.
 Refused: 25,233-4.
 Conciliation Committee of London Chamber of Commerce: 24,903; 24,962.
 Independent chairman, advocated: 21,456-61; 21,549-51.
 Joint Committee, failure of: 21,437.
Mediator:
 Appointed: 25,545.
 State, advocated: 25,553-6; 25,621-31; 25,639-41.
Strikes and disputes:
 Prevention of, by: 20,310-4; 20,354; 20,501-3; 20,597-9; 21,272; 22,038-40; 22,059; 22,065; 22,069; 23,415-8; 23,431-3; 24,962-70; 25,040-50; 25,240-6; 25,343-4; 25,348-53; 25,451-9; 25,553-8; 25,621-31; 25,639-41.

Arbitration and Conciliation—continued.

Settlement of, by: 20,937; 20,940-2; 21,272; 21,414; 21,453; 21,456-61; 21,520-3; 21,532; 21,681-2; 21,980; 22,336-7; 22,370; 23,344; 25,540; 26,037; 26,056-64; 26,583-4; 26,587; 26,605-7.

Umpire:

Advocated: 20,313; 20,354; 20,865; 20,937; 21,452; 22,472; 23,433; 26,036-7; 26,473; 26,476.

Appointed: 21,438; 21,671; 21,674; 22,136; 23,090-9; 26,027-8; 26,284; 26,300-1; 26,590.

Wages board:

Advocated: 24,408; 24,487-97; 24,500-4.

Deprecated: 25,889-94.

Wear Conciliation Board: 25,712-25; 26,026-47; 26,051-64; 26,560-90; 26,593-6; 26,602-7.

Associations:*Of Employed:*

Amalgamated Society of Carpenters and Joiners: 21,968-76; 21,981-8; 22,016-20; 22,026; 22,035-41; 22,052-5; 22,062; 22,066-8; 22,071; 22,083-4; 22,097; 22,103-23; 22,126-7; 22,142-3; 22,153; 22,295-320; 22,322; 22,357; 22,361-2; 22,371; 22,453; 24,902-4; 26,076; 26,284-5; 26,364; 26,410-3; 26,433.

Amalgamated Society of Engineers: 20,934; 20,937; 20,942-5; 21,060-1; 21,186; 21,454; 21,525-6; 22,352; 22,454-5; 23,066-71; 23,088-90; 23,096; 23,111-5; 23,182-3; 23,193-6; 23,229-30; 23,342-9; 23,359; 23,429; 23,435-41; 24,904-7; 25,221-2; 25,225-9; 25,238; 25,281; 25,301-4; 25,313; 25,479; 25,535-6; 25,542-5; 25,551; 25,705; 26,284-5; 26,332; 26,342-3; 26,434.

Associated Blacksmiths' Society: 21,455.

Associated Shipwrights' Society: 21,389-433; 21,462-5; 21,473; 21,475-82; 21,499-517; 21,528-34; 21,541-2; 21,577-87; 21,592-7; 21,619-25; 21,637; 21,655; 21,660; 21,690; 21,771-7; 21,904-6; 21,985-8; 24,236; 24,408; 24,445; 25,717; 25,885; 26,140; 26,144-7; 26,239-57; 26,284; 26,363-4; 26,406-9; 26,433; 26,584-5.

Barge Builders' Society: 20,271-9; 20,287; 20,290-6; 20,299; 20,302-8; 20,324; 20,332; 20,342-6; 20,349-50; 20,413.

Boiler Makers and Iron and Steel Shipbuilders' Society: 20,434; 20,509-10; 20,532-9; 20,646-7; 20,669-71; 20,676-703; 20,708-29; 20,749-817; 20,821-4; 20,839-43; 20,855-6; 20,861-5; 20,922-36; 20,962-5; 20,971-8; 20,983-94; 21,010-44; 21,054; 21,056-106; 21,146-54; 24,113-5; 24,896-900; 25,515; 25,517; 25,536; 25,559-63; 25,586-8; 25,710; 25,982; 26,050; 26,054-5; 26,095; 26,284-5; 26,304; 26,314-6; 26,332; 26,604; 26,609.

Ebbw Vale Branch: 21,272; 21,283-304; 21,308-14; 21,338-76; 21,383-8.

Mersey Branch: 21,242; 21,256; 21,259-60.

Scotland Branch: 21,210-4; 21,219; 21,227.

Stockton Branch: 21,155; 21,167-75.

Sunderland Branch: 21,182-95.

Chatham Dockyard Labourers' Protection League: 24,064-9; 24,073.

Chatham Dockyard Riggers' Association: 24,194-5.

Clyde Associated Joiners' Society: 21,436-7; 22,016-20; 22,062; 22,066-8.

Dockers' Union: 20,293.

Enginemakers and Cranemen and Firemen's Society: 20,578.

Gas Stokers' Union: 20,585.

Glasgow and Clyde Shipwrights' Society: 21,392-3; 21,436-7.

Hammermen's Union: 24,067.

Hand Drillers' Society: 24,067.

Iron Cankers' Society: 24,067.

Iron Moulders' Society: 25,536.

Associations—continued.

Ironworkers' Society: 20,584; 26,337; 26,391.

Metal Planers' Society: 21,524; 26,285; 26,343.

National Trade United Society of Engineers: 21,455; 21,524; 22,057-8; 22,352; 26,285; 26,343.

Painters' Association: 20,596.

Plumbers' Society of Glasgow, Paisley, and Edinburgh: 23,402.

Riveters' Society: 24,067.

Ship Constructive Association: 24,228-33; 24,358-65; 24,404; 24,408; 24,516-8; 24,544.

Shipwrights' Union (Thames): 20,411-2.

Steam Engineers' Society: 21,524; 23,610; 23,641-53; 25,536; 26,285; 26,343.

Tyneside and National Labour Union: 20,414-48; 20,460-76; 20,486-500; 20,505; 20,517; 20,531; 20,540-54; 20,571-93; 20,626-8; 20,653-9; 20,666-7; 20,793-5; 20,801.

United Labourers' Superannuation Society: 21,821.

United Machine Workers' Society: 21,524; 26,285; 26,343.

United Operative Plumbers' Association of Great Britain and Ireland: 23,339-49; 23,372-92; 23,398-401; 23,418-28; 23,442-3; 26,284.

United Pattern-makers' Association: 22,024; 22,345-59; 22,387; 22,398; 22,407; 22,420; 22,453-5; 22,459-60; 22,587-90; 22,605-7; 22,638.

Federation of: 20,937-45; 21,146-54; 21,453-6; 21,518-21; 21,524-7; 21,532-3; 22,025-30; 22,033-5; 22,042-6; 22,056-7; 22,059; 22,151; 22,348; 22,357-8; 22,370; 22,378; 22,472; 23,196-203; 23,213; 23,429-30; 23,610; 24,068; 25,550-1.

Of Employers:

Association of Iron and Coal Owners: 21,291.

Belfast Association of Shipbuilders and Engineers: 26,507-8; 26,512-3.

Employers' Associations:

Clyde District: 20,698; 20,706-7; 21,219; 21,411-5; 21,424-5; 21,660.

London district: 20,707.

Mersey district: 20,707.

Tyne, Wear, and Tees district: 20,698; 20,704-5; 20,930; 21,188; 21,411-5; 21,424-5; 21,437; 22,074; 22,126-7; 22,254; 23,100.

General Association of Master Engineers, Shipbuilders, Machinists, Founders, and other kindred trades of Great Britain: 25,188-94; 25,463-4; 25,483; 25,500-7; 25,527; 25,530; 25,541; 25,564-72.

Iron Trade Employers' Association: 23,069; 25,187; 25,236; 25,462-3; 25,471-84; 25,500-7; 25,527; 25,530; 25,541; 25,564-72; 25,612-5; 25,644-5; 25,700-3; 25,727.

Master Barge Owners and Lightermen's Protection Society: 20,292-3; 20,301.

National Federation of Shipbuilders and Engineers of the United Kingdom: 20,700-2; 21,410; 25,470-1; 26,092-3; 26,183-206; 26,278-9; 26,282; 26,471-3; 26,506-7; 26,509-12; 26,591-3.

Upper Clyde District Shipbuilders' and Engineers' Association: 26,531-4; 26,547-9.

Wear Shipbuilders' Association: 25,701-3.

Boy Labour:

Grievance re: 24,006; 24,029-32; 24,060-1.

Nature of: 24,029-32; 25,827.

Value of: 25,218-9; 25,533.

Boys:

Age of: 24,006; 24,029-32; 25,828.

Number of: 24,030.

Training of: 24,115-7.

Wages of: 24,006; 24,029-32; 25,827.

Capital

Dividends: 24,907; 24,926; 25,146.
 Investment of: 20,361; 20,377-83; 20,959-61; 21,143-4; 26,085-6.
 Labour and: 20,698; 20,946-53; 21,677; 24,933; 24,973-4; 25,113-5.

Compensation:

Accidents, for: 20,413; 20,752; 21,221-2; 21,270; 21,398; 21,820; 23,375; 23,672; 24,015-6; 24,130; 24,200; 24,269-71; 24,273; 24,408; 24,418-22; 25,495-8; 25,811; 25,960; 26,463.
 Breach of contract for: 20,768-72; 25,586.
 Dockyards, in: 21,818; 23,673; 24,121; 24,200; 24,222; 24,271-4; 24,311-3; 25,811.
 Employers' Liability Act, under: 20,900-14; 21,189; 21,219; 21,256; 21,619; 21,623-4; 21,633-8; 25,495; 26,319-29; 26,436-52.
 Idle time, for: 21,191-3.
 Insurance, obtained by: 24,408.

Competition:

Demarcation of labour (see under *Strikes*).
 Labour, in: 20,683; 22,084; 22,407; 24,408; 25,179; 25,217.
 Trade, in:
 Employers, of: 20,362-3; 20,376; 20,847; 21,307; 26,515-6.
 Foreign: 21,113-7; 25,299-300; 25,379-83; 26,293.
 Foreign immigrants, of: 21,191; 24,408.
 Home: 25,384-8; 26,293; 26,515-6.

Co-operation:

None: 20,951-2.

Councils:

London County: 24,963.
 London trades: 20,293.
 Trade and labour:
 Hull: 25,536; 25,641.
 Newcastle: 20,432.
 Chamber of Commerce:
 Hull: 25,536; 25,637-8; 25,641.
 London: 24,903; 24,962.
 Commission on loss of life and property at sea: 21,473.

Double Shift System: (see *Employment*).**Eight Hours' Day:**

Advocated:
 Legislative: 21,492-506; 24,408; 24,413-6; 24,508-15; 25,160-6.
 Standard: 24,975-8; 25,078; 25,166-9.
 Strikes, for prevention of: 20,327; 22,351-2.
 Trade option, with: 20,324-8; 20,351.
 Unemployed for, absorption of: 21,498; 25,160-1; 25,165.
 Voluntary: 21,258; 21,306; 21,538-42; 21,554; 25,479.
 Associations and: 20,666-7; 21,086-8; 21,110; 21,258; 21,498-502; 21,505-6; 21,515-7; 21,541; 23,400; 24,408-18; 25,479.
 Forty-eight hours' week: 21,085-8; 21,492-5; 24,047.
 In operation: 21,107-9; 21,196-206; 25,595-603.
 Indifference to: 20,665.
 Legislative, deprecated: 20,825-9; 20,879-87; 21,078-85; 21,110-2; 21,517; 21,559; 24,975; 25,077-9; 25,367-70; 25,389; 25,590-4.
 Overtime and: 21,555-60; 24,975; 25,080-3; 25,163-4; 25,167-9.
 Presumed effect of: 21,492-5; 21,498; 21,560-1; 24,413-6; 25,379-83; 25,389; 25,591.

Employed:

Age of: 20,683; 26,095; 26,105-13.
 Mortality of: 20,683; 26,095.
 Number of: 24,031.
 Old men, employment of: 24,085-94; 25,301-4; 25,604-5.
 Pensioners: 24,095-103.
 Rent paid by: 24,008; 24,020; 25,822; 26,523.
 Unskilled workmen: 20,540-9.
 Private shipyards, in:
 Average working life of: 20,683; 21,090-1; 26,095.
 Character of: 20,757-9.
 Classes of: 20,927; 21,038-9; 21,186; 21,264; 21,282; 21,376.
 Boiler makers: 20,623-4.
 Fitters: 22,342; 26,284; 26,297.
 Improvers: 21,277-8; 25,215.
 Joiners: 21,982; 22,326-8; 22,489-507; 26,502.
 Mill-wrights: 25,493-4.
 Pattern-makers: 22,489-507.
 Plumbers: 23,342; 23,385-6; 25,232; 26,284; 26,297.
 Shipwrights: 21,401-2; 21,473; 21,983-8; 22,326-8; 24,548.
 Proportion of: 21,040-4; 21,052-4; 21,244; 22,019.
 Condition of: 20,414; 20,505-6; 20,525-6; 26,520-7.
 Demand for, and supply of: 20,287; 20,724; 20,783; 20,792; 21,486; 25,532; 25,732; 26,453-6.
 District Committees: 22,073-7; 22,124; 22,301.
 Employers, relations with: 21,274; 21,677-80.
 Satisfactory: 20,297; 21,180; 21,191; 21,195; 21,219; 21,256; 21,625; 21,661-3; 22,197; 24,907; 24,993; 25,713; 26,046; 26,052.
 Unsatisfactory: 20,698; 20,712; 25,203-4.
 Engagement and dismissal of: 20,290; 20,449-52; 20,453-6; 20,514-7; 20,563-6; 20,632; 20,635-8; 20,782; 20,852; 20,860; 20,998; 21,191; 22,387; 22,391-4; 22,398; 22,407; 22,439; 23,342; 24,907; 24,925; 25,202; 26,308.
 Grievances of, re:
 Dismissal: 20,449.
 Tool grinding: 22,429; 22,438-46; 22,630-6.
 Wages: 20,287.
 Health of: 20,319; 25,377.
 Incompetent workmen: 25,015-21; 25,510; 26,447-52; 26,464-8.
 Interlopers: 22,374-7; 22,407-8; 22,526.
 Investment of savings by: 25,460-1.
 Number of: 21,186; 21,188; 11,405; 21,664-5; 23,342; 23,414; 24,905; 25,323-5.
 Platers and helpers: 20,533; 20,610; 20,632; 20,641-3; 20,661; 20,795-804; 20,852-60; 20,998-21,001; 21,172; 21,188; 21,194-5; 21,244; 26,051-2.
 Skilled and unskilled workmen: 20,530; 20,613-21; 20,805-17; 20,891-2; 20,995-7; 21,292; 21,309; 21,368; 21,371-2; 22,229-30; 25,220-2; 25,316-9; 25,485-7; 25,573-4; 26,391.
 Witness, experience of: 20,281; 20,388-9; 21,160; 21,244; 21,656-7; 22,202-28; 22,488.
 Royal Dockyards, in:
 Classes of: 24,034.
 Labourers, ordinary: 25,844.
 Labourers, skilled: 24,003-4; 24,014-5; 25,844-6.
 Riggers: 24,187; 24,213-9.
 Shipwrights: 24,235; 24,375-82; 24,405; 25,972-82.
 Proportion of: 24,356-7; 24,382-5.
 Condition of: 25,869.
 Demand for, and supply of: 24,386-7.

Employed—continued.

Dismissal of: 21,879; 21,913-5; 23,635; 24,082; 24,084; 24,094; 24,197; 24,408; 24,423-4; 25,809; 25,811; 25,945-7.

Employers, relations with: 21,709.

Established and hired men: 21,807-19; 21,857-62; 21,884-7; 21,904-19; 21,964-6; 23,657-71; 24,050-9; 24,082; 24,138-79; 24,197-200; 24,224-6; 24,236; 24,261; 24,272-305; 24,311-3; 24,339-40; 24,426-39; 25,809-16; 25,821; 25,871-2; 25,898-9; 25,927-8; 25,940-7; 25,959-61; 26,010-3.

Examination of: 21,799-804; 24,014; 24,060-1; 24,405; 24,548; 25,857-8; 25,927; 26,009.

Grievances of, re:

Classification: 21,727-37; 21,793-8; 22,411-5; 22,593-604; 24,139; 24,200-1; 24,236; 24,405; 25,816.

Fines and deductions: 21,752-6; 24,237-53; 24,310; 24,320-4; 24,395-8; 24,408; 25,809.

Overtime: 21,741; 21,745-9.

Promotion: 21,738-41; 24,207; 24,212; 24,408; 24,455-64.

Wages: 21,697-727; 21,763; 21,789-92; 21,804-6; 23,635-9; 24,024-9; 24,034; 24,037-43; 24,050; 24,060; 24,259-62; 24,401-2; 24,408; 25,809.

Health of: 24,043.

Incompetent workmen: 21,272-4; 21,328-37; 22,409-11.

Number of: 24,139; 24,197; 24,435; 25,809-12; 25,871-2; 26,013-5.

Officials: 21,890-6; 21,920-1; 24,209-12.

Political influence of: 21,961; 21,967; 24,073-5; 25,809; 25,875-9; 25,963-70.

Promotion of: 21,738-41; 24,207; 24,408; 24,551; 25,811.

Qualification marks for: 21,738-41; 24,207; 24,408.

Skilled and unskilled workmen: 21,319-21; 24,236; 24,529; 24,541-3; 25,935-9.

Skilled labourers, substitution of, for mechanics: 21,272; 21,317-20; 21,326-8; 24,408.

Witness, experience of: 21,823-45; 24,059-63; 24,229-30; 24,403; 24,545.

Employers:

Apprentices and: 20,683; 20,735; 20,847; 21,003; 21,191; 21,218-9; 21,244; 21,465; 25,217; 25,704-11; 25,733; 26,473.

Association, in: 20,292; 20,301; 20,698; 20,700-7; 21,219; 21,410; 25,187-90; 25,500-7; 26,092; 26,282; 26,471-2; 26,506-8.

Black list issued by: 21,223; 22,400-4.

Employers' Liability Act, compensation paid by, under: 20,901-4; 20,908-14; 21,222; 26,318-28; 26,435-52; 26,462-8.

Firms: 20,293; 20,296; 20,299; 20,324; 20,345; 20,729; 20,834; 21,186; 21,196; 21,204; 21,354; 21,479; 21,661; 21,683-5; 21,925; 22,130; 22,228; 22,357; 24,442; 24,445; 24,547; 25,449; 25,595; 25,830; 26,091; 26,095; 26,469; 26,528; 26,559; 26,599-601.

Messrs. Palmer and Company: 23,084; 23,140; 23,342; 23,344; 23,351; 23,437; 23,644; 24,443; 26,280.

Messrs. Robert Stephenson and Company: 23,083; 23,365; 23,644.

Sir William Armstrong and Company: 20,988; 22,130; 24,444; 25,186; 25,460; 25,495; 25,511.

Thames Ironworks Shipbuilding Company: 22,005; 24,893; 25,921.

Government: 21,272; 21,489; 21,757.

Non-associated: 25,612-9; 25,644-5.

Overtime and: 20,823-4; 25,057-61; 25,193-4; 25,266-7; 25,278; 25,371-2; 25,511; 26,285; 26,302; 26,308-12; 26,362; 26,399-400; 26,473; 26,530; 26,538-41.

Employers—continued.

Profits and losses of: 20,365-83; 20,698; 20,834; 21,305-6; 24,929-31; 25,251; 26,284.

Protection of workmen by: 20,899; 21,229; 21,631.

Shipowners and shipbuilders: 20,361-83; 20,954-61.

Trades Unions, relations with:

Friendly: 20,302-8; 20,344-5; 20,529; 20,698; 20,722-4; 21,172; 21,191; 21,227; 21,373; 21,411-5; 21,422-5; 22,127; 23,379-81; 24,958; 25,540-1; 26,314; 26,396-7; 26,473.

Indifferent: 21,757-8; 24,896; 24,898-900; 25,870; 25,880-2.

Unfriendly: 20,324; 20,779-82; 21,272; 21,291; 21,314; 25,540; 26,331-6; 26,363.

Trade unionism and: 25,247-8; 25,299-306; 25,444-50; 25,578-85; 26,354-8; 26,365-73; 26,473; 26,493-502; 26,597-8; 26,608-15.

Wages:

Action of, re: 20,290-3; 20,303; 21,186; 21,188; 21,427; 25,249-51; 26,503-5.

Advance in: 22,124; 25,476.

Character note, use of, by, in fixing: 22,387-98; 22,574; 25,360; 25,530.

Reduction of: 20,287; 20,479; 20,519; 20,698; 20,709; 20,799; 20,816; 20,851; 21,188; 22,096; 22,407; 23,598.

Employment:

Character notes: 22,387-8; 22,398-406; 22,552-83; 25,256-65; 25,355-60; 25,390-437; 25,522-31; 26,530-7; 26,550-8.

Conditions of:

Barge-building yards, in: 20,291; 20,299; 20,315-23; 20,347-50; 20,386-97.

Boiler shops, in: 21,041; 21,365.

Comparison of, in Royal and private yards: 21,272; 21,760-2; 21,778-83; 21,843-56; 21,914-5; 23,674-7; 24,314-9; 24,465-8; 25,822; 25,835-6; 25,899-903; 26,374.

Pattern-making shops, in: 22,383; 22,407; 22,438-46; 22,630-6.

Private shipyards, in: 20,448-56; 20,511-7; 20,563-6; 20,594-6; 20,632-6; 20,820; 20,852-3; 20,881-7; 21,191; 21,244-6; 21,270; 21,400-2; 21,445; 21,568; 21,641; 21,914-5; 22,009-14; 22,049-50; 22,213-4; 22,230; 22,256; 22,326-8; 23,204-10; 23,342; 24,111-2; 24,498-9; 24,905; 24,907; 24,925; 24,939; 25,093; 25,235; 25,514; 26,284; 26,445; 26,578.

Riggers, for: 24,197; 24,201; 24,213-9.

Royal dockyards, in: 21,272; 21,727; 21,750-2; 21,760-2; 21,778-83; 21,801; 21,843-56; 21,898-903; 21,910-23; 22,409; 22,593-604; 23,665-71; 23,674-7; 24,014; 24,034; 24,043; 24,235-6; 24,346-53; 24,405; 24,408; 24,422; 24,467; 25,809; 25,812; 25,843; 25,857-8; 25,877; 25,920; 25,934-9; 25,968; 25,982; 26,374.

Dangerous: 20,890-2; 21,231-3; 21,270; 21,348-51; 21,360-1; 24,197; 24,217.

Government contracts: 22,418-38; 22,461-7; 22,616-7; 24,952-7; 25,824.

Irregular: 20,648-50; 20,743; 20,954; 21,063-70; 25,051-2; 25,833.

Laborious: 20,510; 20,530; 24,031; 24,034; 24,197; 24,221; 25,594; 25,833.

Piece-work: 20,632; 20,639; 20,644-5; 20,668; 20,621; 20,715; 21,000; 21,171; 21,186-8; 21,244-6; 21,261; 21,717-27; 21,789-92; 21,796-8; 22,077; 22,082; 22,286-93; 22,548-51; 24,034; 24,037-42; 24,050; 24,237; 24,405; 25,104-5; 25,307-11; 25,515; 25,822; 25,837; 25,915-8; 25,954-8; 26,051; 26,080; 26,240-4; 26,247-8; 26,530.

Abolition of: 22,077-9; 22,288-9; 25,104.

Advantages of: 25,206-12; 25,294-7; 25,336-8; 25,361-6; 25,515; 25,520-1; 26,081.

Associations and: 20,646-7; 20,669-71; 21,188; 22,083-94; 25,152-5; 25,176-7; 25,306; 25,313.

Objections to: 22,077; 22,083-94; 25,152-5; 25,176-81; 25,292-3; 25,298; 25,306; 25,311-3.

Employment—continued.

Regular: 20,387; 20,954; 21,379-81; 21,537; 21,563-71; 21,851; 21,910; 21,916-9; 23,665-6; 24,014; 24,078; 24,224; 24,408; 24,425-6; 25,534; 25,809; 25,811; 25,869; 26,014.

Shifts, double: 21,742; 21,749; 25,198; 25,280-6; 25,334-5; 25,438-9; 25,442; 25,510-1; 25,853-6; 25,929-33; 26,473; 26,530.

Sub-contract system of: 20,434; 20,511-6; 20,561; 20,632; 20,852-3; 21,307; 22,077-9; 22,130-3; 22,293; 25,308-15; 25,517-9.

Unhealthy: 21,270; 24,043.

Fines (see Wages).**Inspection :**

Associations and: 22,383; 22,468-70.

Increased required: 21,270; 21,608-12; 21,630-2; 21,641-54; 22,383-6; 22,468-70; 22,520.

Insufficient: 21,605-7; 22,381-3; 22,468; 22,519-20.

Inspectors :

Appointment and powers of: 22,477-81.

Complaints to: 22,483-7.

Government: 20,893-7; 21,234-5; 21,608-13; 21,631; 21,641-54; 22,381-3; 22,508-20.

Local: 20,893; 20,897-9; 21,239; 21,606.

Working-men, desired: 21,228-9; 22,469-70.

Joint Committees (see Arbitration).**Labour :****Private shipyards, in :**

Holidays: 24,118-9; 25,834; 26,530.

Payment for (see Wages).

Hours :

Associations and: 20,290-2; 20,324; 20,332-3; 20,321-2; 20,930; 21,065-7; 21,086-8; 22,199-200.

Legislation for: 20,324-9; 20,351-6; 20,879-87; 21,077-85; 21,109-12; 21,219; 26,473.

Per day: 20,388-9; 21,081-3; 24,034; 24,979; 25,208-9; 25,591-4.

Per week :

Forty-eight to fifty-two: 21,107-9; 21,175; 23,444-5; 24,338; 24,406; 24,505-7.

Fifty-three: 20,662-4; 20,818; 20,866-7; 21,073-6; 21,175; 24,139; 25,589.

Fifty-four: 20,330-1; 20,400; 20,402; 20,559-60; 20,820; 21,073-6; 22,101; 24,139; 26,530.

Fifty-six to sixty-one: 20,287; 20,299; 20,303; 20,330; 23,396; 25,378.

Reduction of: 20,287; 20,324; 20,332-3; 20,818-9; 20,866; 26,530.

Summer, in: 21,175; 23,396; 24,139.

Winter, in: 20,391-3; 20,820; 21,175; 21,494; 23,395-6; 24,139.

Lost time: 20,632; 20,648-50; 20,857-60; 21,195; 21,568; 22,256; 24,498; 25,589; 26,052.

Meal times: 20,331; 21,175; 25,591.

Night work: 25,057-9; 25,193; 25,198; 25,282-4; 25,334-5; 25,438-9; 25,442; 25,511; 26,473.

Payment for (see Wages).

Overtime: 20,324; 20,334-5; 20,825-6; 21,304; 24,981; 25,060-1; 25,080-3; 25,164; 25,196-8; 25,330-3; 25,439-40; 25,508-12; 25,514; 26,404-5; 26,530; 26,543.

Associations, attitude of, towards: 20,822-4; 21,503-4; 21,507; 21,555-60; 21,574-87; 23,397-400; 25,278; 26,285; 26,406-9.

Restriction of, by: 20,293; 20,868-77; 21,010-8; 21,071-2; 21,172-5; 21,188; 22,102-23; 22,295-320; 25,192-4; 25,201; 25,266-7; 26,285; 26,362; 26,401; 26,406; 26,408-13; 26,473; 26,530; 26,540-6; 26,584-5.

Labour—continued.

Cause of: 25,195; 25,280-1; 25,508; 25,513-4; 26,285; 26,302; 26,530.

Objections to: 20,384-94; 20,822-4; 21,270; 21,555-60; 23,397-400; 24,975; 24,980; 25,053-7; 25,060; 25,163-4; 25,274; 25,278; 25,371-2; 26,285; 26,406-9.

Payment for (see Wages).

Restriction of, deprecated: 26,530; 26,538-46; 26,309-12.

Systematic: 20,293; 21,010-3; 23,397-8; 25,268-79; 25,373-8; 26,302; 26,473; 26,530.

Unemployed, effect of, on: 25,053-6; 25,122-34; 25,199-200; 25,287-91; 26,398-400.

Sunday work: 21,270; 21,304.

Royal dockyards, in :

Holidays: 24,031; 24,207; 24,261; 24,408; 25,835-6; 25,959.

Payment for (see Wages).

Hours: 21,744-5; 24,140; 24,202; 24,336-7; 24,408; 24,411-2; 25,809; 25,821.

Reduction of: 24,410-6.

Lost time: 25,809.

Night work: 21,741-3; 21,747-9.

Overtime: 21,741; 21,745-50; 24,047-50; 24,202-7; 24,408; 25,852.

Payment for (see Wages).

Sunday work: 24,207.

Payment for (see Wages).

Machinery: 21,237; 21,614; 24,327-8; 24,904; 25,195-6; 25,217; 25,270-3; 25,299; 25,591; 26,285; 26,473.

Labour-saving: 20,624-5; 21,041; 22,252; 22,313; 26,016; 26,530.

Municipalisation :

Dockyards, of, deprecated: 21,784-6.

Overtime (see Labour).**Pensions :**

Docks, in: 24,031.

Greenwich, at: 24,200.

Private ship-yards, in :

Given by trades unions: 20,750; 21,398; 21,536; 23,375.

Obtained by Insurance: 21,821-2.

Proposed scheme at Thames Iron-works: 24,933; 24,936-41; 25,027-35.

Royal dockyards, in: 21,325; 21,536; 21,809-10; 21,815; 21,819; 23,635; 23,660; 24,050-2; 24,094; 24,140; 24,152; 24,200; 24,261-2; 24,271; 24,311-3; 24,408; 25,809; 25,811-2; 25,926.

Deductions for: 21,536; 21,809; 21,814; 23,635; 23,657-60; 24,140; 24,146-51; 24,156-71; 24,200; 24,225; 24,296; 24,408; 25,809; 25,811.

Life insurance system: 24,408.

Number of men entitled to: 21,809; 24,050; 24,299; 25,812; 25,926.

Qualifications required for: 21,810; 21,819; 23,635; 24,050; 24,200; 24,283; 24,286; 24,408; 25,809; 25,811.

Picketing and Intimidation :

Absence of: 20,296.

Amendment of law with regard to: 21,482; 26,140; 26,157-61; 26,207-38.

By unions: 20,299; 21,475-82; 24,897; 26,140-7; 26,213-24.

Production :**Ships, of :**

Building on stock: 20,361; 20,377-83; 20,959-61; 21,069-70; 21,136; 21,143-4; 26,085-6.

Production—continued.

Cheap ships: 20,683; 20,847; 25,515.
 Cost of: 20,364-5; 20,851; 21,137-42; 25,149;
 25,515-6; 25,859; 25,987; 26,003; 26,048; 26,293;
 26,491.
 In royal dockyards: 21,272-4; 21,315-6; 24,236;
 24,500-3; 25,821-2; 25,987; 26,003.
 Eight hours day and: 20,879-83; 21,196; 21,204;
 24,413-6; 25,379-83; 25,389; 25,591; 25,598-601.
 Nature of: 21,171; 21,947; 21,953; 22,243-50;
 22,420; 22,498; 22,529; 23,342; 25,600; 26,024.
 Over production: 20,683; 20,743; 20,873-4.
 Prices: 20,365; 20,698; 21,114; 25,822-4.
 Tonnage: 20,365; 20,683; 20,741; 26,052; 26,095;
 26,118-23.

Trade:

Changes in conditions of: 22,010; 22,049; 22,409;
 24,548; 25,232; 25,532; 25,972-6; 26,284; 26,427.
 Depression in: 20,287; 20,683; 20,698; 20,709;
 20,851; 21,188; 21,426; 21,543-7; 25,325-9;
 25,821; 26,149-53.
 Development of: 21,664-5; 21,680; 23,342; 25,300;
 25,381-3; 25,732; 26,095; 26,121.
 Fluctuations in: 24,784; 20,954-8; 21,028; 21,063-
 70; 21,145; 21,426; 22,618; 25,051; 26,049.
 Prosperity of: 20,287; 21,115-7; 21,209; 21,426;
 21,539; 25,821.
 Steadiness of: 20,386-7; 21,548; 21,563-71.

Profit-sharing: 24,907; 24,926; 25,039; 25,140-3;
 25,158-9.

Associations and: 24,907; 24,958; 25,135.

Deprecated: 25,254-5.

Rejected: 24,907; 25,135-6.

Good Fellowship scheme: 24,907-25; 24,998-
 25,021; 25,062-7; 25,084-110; 25,137-57; 25,182-
 5; 25,921-3.

Associations and: 24,958-61; 24,994-7; 25,152.

Basis of: 24,903; 24,907; 24,921; 24,929-32.

Comparison of, with piece-work: 25,012-4;
 25,062-6; 25,084-92; 25,151-7.

Comparison of, with profit-sharing: 24,907;
 24,910; 24,989-92.

Control of: 24,922-4; 25,000-2.

Difficulty in establishing: 25,006.

Dividend paid through: 24,907; 24,927-8;
 25,146.

Effects of beneficial: 24,907; 24,920; 24,922;
 24,993; 25,015-9.

Profits (see *Employers*).

Refutations:

| | Statement. | Denial. |
|--|--------------------|---------------------------------|
| Apprenticeship: | | |
| Selection of apprentices by officers | 24,180 | 25,860 |
| Associations: | | |
| Hostility of the Amalgamated Society of Engineers to the Plumbers' Society. | 23,342 | 23,641 |
| Employed: | | |
| Displacement of journeymen by appren- tices at Elswick. | 23,234 | 25,217 |
| Favoritism in Royal dockyards | 21,490; 21,731. | 25,621; 25,904-6. 22,867; |
| Loss of time by platers | 20,632 | 20,859. 25,667 |
| Responsibility of storehouse labourers | 24,060 | 25,667 |
| Summary dismissal of helpers by platers | 20,440-50 | 20,860 |
| Employers: | | |
| Abuse of overtime settlement | 23,073 | 26,308 |
| Objection of employers to act on board of conciliation for demarcation of work. | 22,254; 22,269. | 26,306-8 |
| Strikes: | | |
| Cause of demarcation of work | 22,009-14 | 26,427-8 |
| Wages: | | |
| Reduction of, for boilermakers | 21,176-7 | 26,304-5 |
| Wages of a ganger at Sheerness | 24,034 | 26,842 |

Relief Funds:

Elswick, at: 25,495-8.

"Shop fund": 21,189; 21,221-2.

Thames Ironworks, proposed scheme, at:

Principles and management of: 20,932-46; 25,022-
 6; 25,170-5.

Subscriptions to, of employed: 24,932; 25,030.

Subscriptions to, of employers: 24,932-3; 25,028.

Withdrawal of money from: 24,938-41; 25,035-8.

Trade unions, of:

Accident: 20,413; 20,752; 21,398.

"Black list": 21,189-91.

Contributions to: 20,413; 20,753; 20,763; 23,434
 24,408.

Funeral: 20,413; 21,398.

Loss of tools: 20,413; 21,398.

Out of work: 20,413; 20,683; 20,755; 20,962-4;
 21,398.

Siok: 20,750; 20,965; 21,398; 23,376; 24,408.

Strike: 20,295; 20,413; 20,681-3; 20,763; 21,398;
 21,415-6; 23,342.

Superannuation: 20,750; 21,398; 21,536; 23,375.

Travelling: 23,377.

Remedies:

Acts of Parliament, amendments of:

Companies Act: 21,467-72.

Conspiracy and Protection of Property Act: 21,475-
 82; 26,140; 26,157-61; 26,207-39.

Employers' Liability Act: 20,902-5; 20,922-6;
 21,219; 21,256; 21,258; 21,619-24; 21,633-6;
 26,318-28; 26,436; 26,440-52.

Trade Union Act: 21,473.

Apprentices:

Examination of, in Royal dockyards: 24,180-3;
 24,185-92; 26,009.

Limitation of number of: 25,213-4; 25,533; 25,711;
 26,162; 26,473.

Regulation of: 20,683; 20,849; 21,219; 21,274;
 21,588-92.

Arbitration and conciliation:

Arbitration, Board of, with legal power to enforce
 awards: 26,336-8; 26,351-3; 26,384-5; 26,414.

Compulsory: 26,338; 26,350.

State: 20,830-1; 24,962-3; 25,046-50; 25,237-8;
 25,241-2; 25,352-3.

Voluntary: 20,503; 20,597-9; 20,864; 21,272;
 21,660; 22,163; 22,170-1; 22,183-9; 22,198;
 22,235-9; 22,273-8; 22,472-3; 24,962-70;
 25,040-5; 25,344; 26,276-7; 26,376-83.

Arbitrators: 21,551; 22,163-8; 22,188; 22,193.

Awards, means of enforcing: 21,551; 25,348-50;
 26,339; 26,352; 26,386-97; 26,414-6.

Ballot, under supervision of arbitrator or mediator:
 25,238; 25,553-7; 25,729-30.

Conciliation: 20,310; 20,354; 20,501-2; 20,832-3;
 20,864; 21,456-7; 21,549; 21,660; 22,038-41;
 22,059; 22,065; 22,069; 22,330-5; 23,415-6;
 23,431-2; 25,240-6; 25,343; 25,626; 26,292;
 26,473; 26,475-7; 26,489-90.

Independent chairman: 21,456-61; 21,549-50;
 23,417.

Mediator, State: 25,553-6; 25,621-31; 25,639-40.

Umpire: 20,313; 20,354; 20,865; 22,472; 23,433;
 26,473; 26,476.

Eight hours' day (see *Eight Hours' Day*).

Employed:

Certificates for ships' carpenters: 21,473.

Chargemen, appointment of: 24,207.

Competent workmen, employment of, in Govern-
 ment workshops: 22,415; 24,408.

Discharge notes: 22,404-5; 22,552-4.

Helpers, employment of, directly by firm: 20,652;
 20,672.

Remedies—continued.

Organisation of: 21,661; 26,597-8; 26,609-10.
 Qualification marks, abolition of: 21,738-40; 24,408.
 Skilled labourers, classification of: 24,034; 25,843.
Employment:
 Blocking of foreshore with timber; 20,318-20; 20,348.
 Establishment system, amendment of; 24,052-8; 24,288-91.
 Lines of demarcation, settlement of: 22,270; 25,230; 25,345-7; 25,552; 26,132-9; 26,154-6; 26,179-82; 26,258-72; 26,284; 26,286-90; 26,424; 26,473.
 Piece-work, advocated: 20,652; 20,672.
 Shelter for workmen in shipyards: 21,270.
Hours:
 Overtime, abolition of: 21,270; 24,047-50.
 Sunday work, abolition of: 21,270.
Inspection:
 Increased: 21,270; 21,605-12; 21,630-2; 21,642-54; 22,383-6.
 Inspectors, working-men as: 21,228-9.
 Municipalisation of dockyards: 21,734-6.
 Pensions, grant of, to widows, by Government: 24,175; 24,294-5.
 Profit-sharing advocated; 24-973-4.
 Sanitation, improved: 21,270.
 Strikes, powers of local authorities during: 24,971-3.
Trades unionism:
 Trades unions, amalgamation of: 26,423.
 Recognition of, in Royal dockyards: 21,756-9.
 Registration of: 21,473.
Wages:
 Fines system, amendment of: 24,324-6; 24,408.
 Maximum and minimum rate: 20,698; 20,745-8; 20,850-1; 21,129-45; 25,251-3; 25,534-5; 26,049; 26,073-90; 26,473; 26,478-85; 26,491-2.
 Piece-work rates, settlement of, by representatives of men, in Royal dockyards; 24,237; 24,308.
 Price-list, publication of, in Royal dockyards: 24,042.
 Trades-union rate, payment of, by Government contractors: 22,420.
 Wages-board in Royal dockyards: 24,408; 24,487-97; 24,500-4; 25,889-94.
 Wages-clause, interpretation of, in Government contracts: 24,953-6.

Sanitation:

Associations and: 20,349-50; 22,486-7.
 Remedies for: 20,318-23; 22,383-6; 22,520-5.
 Satisfactory: 22,517.
 Unsatisfactory: 20,315-7; 20,323; 20,347; 20,394-7; 22,383; 22,476; 22,508-16.
 Ventilation, unsatisfactory: 22,518-9; 22,521.

Sliding Scale:

Abolition of, desired: 21,272; 21,285; 21,288.
 Committee: 24,493.
 In operation: 21,272; 21,285; 21,289; 21,340-4.
 Strike against: 21,272; 21,285-8.
 Suggestions for future: 20,698; 20,745-8; 20,834-8; 20,850-1; 21,129-45; 25,534-5.
 Criticisms on: 25,240; 25,249-53; 25,534; 26,048-50; 26,073; 26,478-85; 26,491-2.

State Interference (see *Eight Hours' Day and Remedies*).**Strikes, Lock-outs, and Disputes:**

Causes of:
 Various: 20,299; 20,510; 20,651; 20,683; 21,191; 21,219; 21,661; 22,368; 23,204; 24,896; 24,904; 25,704.

Strikes, Lock-outs, and Disputes—continued.

Wages: 20,287; 20,292; 20,477-8; 20,518; 20,681; 20,698; 21,164; 21,171; 21,256; 21,272; 21,429; 21,660; 21,990; 21,994; 22,005; 22,124; 22,358; 22,363-5; 22,369; 23,316; 23,383; 23,598; 24,902; 25,544-5; 26,473; 26,493; 26,502.
Cost of: 20,294-5; 20,480; 20,510; 20,681; 20,712; 20,752; 20,839-43; 21,272; 21,660; 21,995-7; 22,357; 22,359; 23,342; 23,382; 23,642; 25,546.
Disputes between trades: 20,937; 25,547-9; 25,713; 26,293-4; 26,315; 26,332-6; 26,417-22; 26,473.
 Blacksmiths and engineers: 21,455; 26,417.
 Boilermakers and engineers: 23,641; 23,649-51.
 Carpenters and pile-drivers: 25,546.
 Pattern-makers and engineers: 22,365; 22,454-5.
 Pattern-makers and joiners: 22,024; 22,357; 22,370-7; 22,450-3.
 Platers and caulkers: 26,419-21.
 Platers and helpers: 26,025-6; 26,051-2.
 Plumbers and fitters: 20,940-2; 20,966-70; 21,524-7; 23,089-99; 23,140-4; 23,342-67; 23,435-41; 23,641-8; 23,651; 25,204; 25,217; 25,223-32; 25,347; 25,477-9; 26,056; 26,284; 26,296-301; 26,426.
 Prevention of, by arbitration and conciliation: 20,937; 21,456-61; 21,549-53; 22,163-72; 22,182-93; 22,198; 22,235-60; 22,270-8; 22,329-34; 22,471-4; 26,026-7; 26,292; 26,337-61; 26,376-97; 26,416-6; 26,473; 26,475-7; 26,489-90.
 Shipwrights and caulkers: 26,419.
 Shipwrights and joiners: 21,434-48; 21,980; 22,007-23; 22,030-4; 22,047-55; 22,060-8; 22,129-62; 22,174-81; 22,190; 22,194-7; 22,266-9; 22,279-85; 22,340; 25,223-6; 25,551; 26,037-43; 26,056; 26,060-4; 26,267; 26,284; 26,290-3; 26,473-4; 26,605-7.
 Smiths: 21,060.
Importation of labour during: 21,348; 21,359; 22,358; 24,903; 24,906.
Individual local:
 Belfast, 1880: 23,316.
 —, 1889: 21,994-8.
 —, 1892: 22,356; 22,363-7.
 Clyde, 1877: 21,414; 21,660; 21,668-76.
 —, 1889: 21,219.
 —, 1891: 20,709-12; 21,022-5.
 Ebbw Vale, 1892: 21,272; 21,281-96; 21,308; 21,345-64.
 Hull, 1890: 21,990-3.
 Lightermen and dockmen: 20,292.
 Liverpool, 1879: 23,598.
 —, 1890: 23,381-93.
 Mersey, 1888: 21,256.
 Sunderland, 1883: 25,704-9.
 —, 1892: 20,477-85; 20,518.
 Tees, 1888: 21,168-70.
 —, 1889: 21,165-8.
 Thames, 1866: 20,287.
 —, 1889: 24,896-900.
 —, 1890: 20,293-5; 20,304-6; 20,336-40.
 —, 1890: 20,005-6; 24,901-3.
 —, 1891: 20,298.
 —, 1891: 24,904-7.
 Tyne, 1888: 22,124-5.
 Tyne and Wear: 25,204.
 Wear, 1886: 21,191.
Minor local: 20,296; 20,324; 20,510; 20,853; 21,171; 21,191-5; 21,256; 21,416-25; 22,357-8; 23,316-8; 25,316-7; 25,330-3; 25,543-5.
 Dockyards, in: 21,955-66; 24,255-7; 24,354-5; 24,408.
 Number of: 20,651.

Strikes, Lock-outs, and Disputes—continued.

Picketing and intimidation during: 20,296; 20,299; 21,475-82; 24,897; 26,213-24.

Prevention of:

Arbitration and conciliation, by: 20,310-4; 20,354; 20,501-3; 20,597-9; 21,272; 22,038-40; 22,059; 22,065; 22,069; 23,415-8; 23,431-3; 24,962-70; 25,040-50; 25,240-6; 25,343-4; 25,348-53; 25,451-9; 25,553-8; 25,621-31; 25,629-41.

Legal limitation of hours, by: 20,324; 20,351-2; 20,355-6.

Organisation, by: 20,683; 21,660; 26,597-8; 26,608-9.

Various methods, by: 20,652; 20,672; 21,132; 21,660; 21,677; 25,238.

Results of: 20,293; 29,296; 20,299; 20,337; 20,401; 21,166; 21,168; 21,675; 21,989; 21,992-3; 23,391; 24,903; 24,906; 25,223; 25,326-9; 25,546; 26,284.

Sympathetic: 20,510.

Trade unionism, influence of, on: 20,293; 20,296; 20,299; 20,480-4; 20,572; 20,681; 20,683-90; 20,698; 20,709-17; 20,727-9; 20,842-3; 21,022-5; 21,151-4; 21,167; 21,170; 21,194; 21,272; 21,291; 21,414; 21,421-5; 21,453-5; 21,528-34; 22,029-30; 22,052-5; 22,266-9; 22,356-7; 23,200-3; 23,213-5; 23,381; 23,429-30; 23,641; 23,649-53; 24,896-7; 24,902-7; 25,223; 25,566-72.

Sub-contract System (see *Employment*).**Trades Unionism:**

Advantages of: 20,776; 26,473; 26,486; 26,597-8; 26,608-9.

Apprenticeship and (see *Apprenticeship*).

Arbitration and Conciliation and (see *Arbitration and Conciliation*).

Benefit funds of (see *Relief Funds*).

Condition of employed, influence on: 20,435-48; 20,505-6; 20,567-70; 25,248; 25,301-3; 26,284-5; 26,330-6; 26,354-7.

Delegates: 20,709-10.

Eight hours' day and (see *Eight Hours' Day*).

Employers:

Improved relations with: 20,698; 20,712.

Indifference to: 24,896; 24,898-900; 25,870; 25,880-2.

Non-recognition by: 20,303; 20,324; 20,712; 21,272; 21,660; 21,757-9.

Opposition to: 20,299; 21,308; 21,314; 25,540; 27,363-4.

Recognition by: 20,304-8; 20,698; 20,712; 23,379-80; 25,236; 25,540-1.

Satisfactory relations with: 20,344-5; 20,527-9; 20,722-3; 21,188; 21,373; 21,422-5; 24,958; 26,396-7; 26,473.

Employers' Association, relations with: 20,700-2; 20,727-9; 21,411-5; 22,126-7; 26,189-99; 26,313-6.

Employers' Liability Act, resolutions *re*: 20,922-6; 21,619-24.

Executive: 20,464-76; 20,684-90; 20,855-6; 21,660; 22,043-6; 23,652; 26,332.

Control over members: 20,698; 20,718-23; 20,772; 23,426-8.

Election of: 20,684; 20,691-6.

Powers of: 20,572; 20,683; 20,716-7; 20,935; 20,976-8; 21,019-27; 21,288; 23,378; 23,384; 23,419-21; 23,653; 25,559; 26,332.

Expulsion of members: 26,140; 26,144-7; 26,239-57.

Failure of: 21,314.

Financial position of: 20,293; 20,754; 20,839-42; 20,971-5; 21,415.

Functions of: 25,513; 26,612-5.

Hours and (see *Labour*).

Inspection and (see *Inspection*).

Trades Unionism—continued.**Membership:**

Increasing: 21,512-4.

Qualifications for: 20,427-30; 20,536-9; 20,679-80; 20,763-6; 21,399-400; 21,981-6; 23,385-6; 23,404; 24,068-9.

Restriction of: 20,342-3; 20,531-4; 20,759; 20,762; 20,805-17; 21,311; 23,401; 25,449.

Non-unionists and members of:

Proportion of: 20,275-6; 20,290; 20,342; 20,540-2; 20,725; 20,782; 21,293; 21,303; 21,374; 21,405-9; 24,961; 24,995; 25,485-7.

Refusal to work together: 20,282-5; 20,296; 20,543-9; 20,573-93; 20,726; 20,773-5; 20,778-81; 21,262-3; 21,301-2; 21,310; 21,324; 21,382-8; 24,896; 25,575-7; 25,608.

Relations of: 20,546-8; 20,587-9; 20,777-8; 22,358-9.

Objects of: 20,767; 20,944; 21,147-8; 21,432; 21,453; 22,027; 24,408.

Officials, duties of: 20,458-63; 20,653-60; 20,713-7.

Origin of: 20,431-4.

Overtime, rules *re*: 20,824; 20,872; 21,010-8; 21,071-6; 21,172-5; 21,188; 21,504; 21,507; 21,574-6; 22,102-23; 22,295-320; 23,397-9; 25,193-4; 25,278-9; 26,235; 26,362; 26,401-13; 26,473; 26,530; 26,538-46; 26,584-5.

Piece-work and (see *Employment*).

Profit sharing and (see *Profit Sharing*).

Rules of: 20,486-99; 20,571-2; 20,683; 20,693; 20,697; 21,453; 20,510-1; 21,531-2; 23,378.

Sanitation and (see *Sanitation*).

Skill of workmen, influence on: 25,221-2; 25,316-22; 25,247-8; 25,300-1; 25,305; 25,440-50; 25,578-82.

Strikes, influence on (see *Strikes*).

Unionists:

Black list for: 20,299; 22,399-403.

Dismissal of: 20,762; 21,191; 22,359.

Non-employment of: 20,779-80.

Number of: 20,275; 20,426; 21,219; 21,373; 22,353; 21,974-6; 22,020; 22,353; 23,373; 23,402; 23,442-3; 24,067; 25,573-4; 26,342-5.

Wages, influence on (see *Wages*).

Weakness of: 20,287; 20,842; 21,261.

Witness, connexion with: 20,271-2; 20,279-80; 20,404; 20,626-31; 20,653-60; 20,676; 21,157-60; 21,210-2; 21,242; 21,244; 21,259-60; 21,373; 21,889-90; 21,593-4; 21,655-6; 21,690-1; 21,968; 22,071; 22,345; 22,348; 23,339; 24,064; 24,228; 24,404; 24,408; 24,544.

Unemployed:

Absorption of: 21,018; 21,068-70; 21,498; 21,504; 21,574-87; 24,049; 25,164-5; 25,199.

Number of: 20,293; 20,334; 20,683; 20,741; 20,783; 20,845; 21,063-4; 25,055; 25,123-34; 25,217; 25,223.

Out of work fund: 20,324; 20,413; 20,755; 20,817; 20,963-5; 21,398.

Reasons for want of employment: 22,085-6; 22,090-4; 22,365-7; 25,217; 25,223; 25,326-7.

Wages:**Generally:**

Associations, actions of *re*: 20,367-8; 20,698; 20,703; 20,709-11; 20,718; 20,798-9; 20,856; 20,929-36; 21,171; 21,188; 21,427-30; 21,433; 22,459-60; 24,077; 26,509-13; 26,591-3.

Advance in, through: 20,290-4; 20,434-46; 20,552; 20,646-7; 21,294-6; 24,014; 24,076.

Rate of, fixed by: 20,622; 21,771-7; 22,387; 22,397.

Uniform rate desired by: 25,579-82; 25,604; 25,839; 25,886; 25,914; 26,473; 26,493-502; 26,610-1; 26,615.

Wages—continued.

Comparison of:

Different districts, in: 20,408; 20,562; 21,219; 22,396; 22,407; 22,456-60; 25,386; 26,514-27.

Different trades, in: 21,005-9; 22,256; 23,342; 25,098-100; 25,230; 26,270.

Different years, in: 21,544-7; 21,686-7.

Royal and private yards, in: 21,272; 21,319; 21,32-3; 21,483; 21,489; 21,763-8; 21,851-8; 21,926-54; 24,031; 24,034; 24,043-6; 24,121-2; 24,139-40; 24,223; 24,236; 24,259; 24,340; 24,408; 25,832; 25,859; 25,887; 25,898-9.

Union and non-union shops, in: 21,261; 21,265-9; 21,292; 21,312; 22,407; 22,418-20; 22,461-7; 22,608-27.

Minimum fixed by Trades' Unions: 21,771-2; 22,321; 22,407; 22,605-7; 24,034; 24,121; 25,301-4.

Purchasing power of: 21,296-7; 24,008-10; 26,522-6.

Navy, in:

Average: 24,548-9; 24,551.

Private shipyards, in:

Advance in: 20,287; 20,401; 20,446; 20,552; 20,698; 20,814-5; 21,166; 21,168; 21,176-7; 21,188; 22,077; 22,095; 22,124; 22,128; 22,358; 23,391; 24,903; 25,251; 25,534; 25,545; 26,026; 26,303-5; 26,567-70.

Agreements *re*: 20,729; 21,186-8; 21,194-5; 21,427-30.

Average: 20,683; 21,297; 21,942; 22,234; 24,043-5.

Angle-iron smiths: 21,048; 21,177-80; 21,261.

Barge-builders: 20,287; 20,296; 20,303; 20,398-403.

Caulkers: 21,050-1; 21,180; 21,186; 21,261.

Drillers and chippers: 24,034; 25,837.

Engine and crane-drivers: 24,034.

Fitters: 23,342; 25,098; 25,230.

Flangers (boiler-smiths): 21,186; 21,268-9.

Hold-up: 21,049; 21,180; 21,186; 21,261.

Joiners: 22,097-100; 22,124; 22,212; 22,234; 22,322; 22,628; 24,139-40; 24,903; 25,098; 25,859; 26,270.

Labourers: 20,434; 20,550-1; 20,555-8; 20,600-2; 20,616-9; 20,989; 21,188; 21,244-56; 24,034.

Pattern-makers: 22,364; 22,407; 22,418-20; 22,456; 22,607; 22,620; 22,627.

Platers: 21,046; 21,179-80; 21,186; 21,261.

Plumbers: 23,342; 25,230.

Riveters: 21,047; 21,180; 21,186; 21,261; 21,272.

Shipwrights: 21,483; 21,561; 21,686-7; 24,236; 24,408; 25,898; 26,270.

Character note, effect of, on: 22,387-98; 22,573-8; 25,355-60; 25,390-4; 25,406-22; 25,433-7; 25,530-1; 26,550-8.

Classification of: 20,405; 24,442-7; 25,841.

Fines and deductions from: 20,769-72; 20,920.

Fixed by:

Conciliation Board: 26,037; 25,044-6; 26,565-72; 26,604.

Conference of employers and employed: 20,703; 21,186; 21,188; 21,191; 21,427-8; 21,625; 22,096; 22,124.

Sliding scale: 21,272; 21,285; 21,341-4.

Fluctuations in: 20,834-8; 20,844; 21,256; 21,426; 25,534; 26,197-8.

Effect of: 21,133-45.

Grievance of workmen *re*: 20,287.

Wages—continued.

Grinding money: 20,290-1.

Holidays, payment for: 24,031; 24,118-9; 25,834-5.

Maximum and minimum proposed: 20,698; 20,745-8; 20,850-1; 21,129-45; 25,251-3; 25,534-5; 26,049; 26,073-90; 26,473; 26,478-85; 26,491-2.

Night work, payment for: 25,335

Notice *re*: 21,186; 21,427; 25,535.

Overtime, payment for: 20,335-7; 20,823; 20,877; 21,016; 24,981-4; 25,373; 25,511; 25,514; 26,285; 26,530.

Paid by:

Firm: 20,521-4; 20,609; 20,633; 20,799.

Sub-contractor: 20,521-6; 20,561; 20,607-9; 21,255-6; 25,308; 25,518-9; 26,051-2.

Payment of:

Per day: 20,287; 20,640; 21,045; 21,188; 21,251; 22,080; 26,052.

Per hour: 20,287; 20,303; 21,188; 24,034; 24,123-4; 26,270.

Per week: 20,434; 20,551.

Price list: 21,171; 21,188; 25,070.

Reductions in: 20,287; 20,480; 20,519; 20,710; 20,799-800; 20,816; 21,172; 21,176-7; 21,188; 21,197; 21,540; 21,568; 22,096; 22,222-8; 23,598; 25,534; 25,545; 26,026; 26,303-5; 26,566; 26,572.

Standard rate of advocated: 21,661.

Strikes and disputes, *re*: 20,287; 20,292; 20,336; 20,477-80; 20,518; 20,681; 20,709; 20,712; 21,164-70; 21,191; 21,219; 21,256; 21,272; 21,281-90; 21,414; 21,419; 21,625; 21,660; 21,990-1; 21,994; 22,005; 22,124; 22,357-8; 22,363-5; 23,316; 23,383-92; 25,598; 24,903; 25,542-5; 26,026; 26,473; 26,493; 26,502.

Uniform rate of: 20,615-9; 22,096-100; 22,124-5; 22,221-34; 22,322-5; 25,479-81; 25,604-6; 25,910-3; 26,076-7; 26,502; 26,610-1; 26,615.

Royal Dockyards, in:

Advance in: 24,014; 24,043; 24,063; 24,070-6; 25,816; 25,819-20; 25,822.

Average: 21,809; 21,811-5; 21,683-7; 21,941-2; 24,043-5; 24,408-10.

Boilermakers: 24,405.

Coppersmiths: 24,405.

Engine and crane drivers: 24,034.

Engine fitters: 24,405.

Founders: 24,405.

Joiners: 24,139; 24,149-50; 25,859.

Labourers, ordinary: 24,005-6; 24,008; 24,011-4; 24,020; 24,029-32; 25,822; 25,827.

Labourers, skilled: 21,272; 24,034; 24,037; 24,043; 24,405; 25,811; 25,826; 25,842; 25,847.

Labourers, storehouse: 24,059-60; 24,063; 24,071-2; 24,405.

Pattern-makers: 24,405.

Riggers: 24,200.

Riveters: 21,272.

Ship-fitters: 24,405.

Shipwrights: 21,319; 21,483; 22,409; 24,236; 24,405; 25,816; 25,818-9; 25,842; 25,897.

Smiths: 24,405.

Bonus, payment of:

Hired men, to: 24,197-9; 24,261; 24,274; 25,811; 25,861-2; 25,866-8.

Tonnage work, on: 21,713-4; 21,719-21; 21,765-70; 24,341-3.

"Check measurement": 24,237-9; 24,310; 25,850-1.

Classification of: 21,490; 21,727-37; 21,793-5; 21,859-97; 21,920-3; 22,411-5; 22,593-604; 24,020; 24,034; 24,139; 24,200-1; 24,236; 24,405; 24,440-1; 24,453-79; 25,816-21; 25,838-41; 25,904-6; 25,948; 26,019-20.

Wages—continued.

Grievance of workmen *re*: 21,727-37; 21,793-8; 22,411-5; 22,593-604; 24,139; 24,200-1; 24,236; 24,405; 25,816.

Comparison of, in different trades: 24,388.

Deductions from: 21,536; 21,809; 21,314; 23,635; 23,657-60; 24,140; 24,146-51; 24,156-71; 24,200; 24,225; 24,296; 24,408; 25,809; 25,811.

Grievance of workmen *re*: 25,809.

Division of, by workmen: 24,448-52; 25,907.

"Exertion money": 24,408; 24,480-6.

Extra: 23,635-9; 25,811.

Fines: 21,752-3; 24,184; 24,201-2; 24,240-53; 24,263-5; 24,306-7; 24,320-6; 24,344-9; 24,395-9; 24,408; 25,822.

Grievance of workmen *re*: 21,752-6; 24,240-53; 24,320-4; 24,395-8; 24,408.

Wages—continued.

Holidays, payment for: 23,664; 24,031; 24,207; 24,261; 24,408; 25,836; 25,959.

Overtime, payment for: 21,743; 24,202-7; 24,408.

Payment of:

Per day: 21,698-9; 21,704; 24,121; 24,201; 24,405; 24,452.

Per week: 24,121.

Price list, absence of: 21,717; 21,790-2; 24,037-42; 24,125-9; 24,308-9; 24,405; 25,822; 25,848; 25,951-3.

Reduction in: 21,725-6; 24,043; 24,050.

Strikes and disputes *re*: 24,255-7.

Sunday work, payment for: 24,207; 24,408.

Wages board, proposed: 24,408; 24,487-97; 24,500-4; 25,889-94.

Weekly payment of: 24,201; 25,863-5.

SLATE.**Witnesses:**

Employed: Williams, David Griffiths (7174a); Williams, William John (6885-7174).

Employers: Darbishire, William Arthur (9038-9360); Roberts, Nathaniel Francis F. G. S. (9361-9528); Vivian, Hon. W. W. (24,639-24,892); Young, E. Alexander (16,785-16,889).

Independent: Parry, William John (9529-9782).

Districts and places referred to:

Bangor (*N. Wales*): 16,785; 16,886; 16,889.

Bethesda (*Carnarvonshire*): 9529.

Blaenau Festiniog (*Merioneth*): 6946; 6981; 7174a; 9106; 9361; 9410; 9459; 9583.

Braich (*N. Wales*): 9548.

Cambridgeshire: 9583.

Carnarvonshire: 6887; 7134; 7174a; 9076; 9364-5; 9410; 9584.

Chwael Fawr and Olodd fa'r Lôn (*N. Wales*): 9548.

Cilgwyn Quarry (*N. Wales*): 9548.

Dinorwic Quarry (*N. Wales*): 6914; 9393; 9409; 9544; 9548; 9566; 9570-2; 9576; 9583; 9745; 9766; 9771; 24,641-54; 24,661; 24,683; 24,731-4; 24,833.

Durham: 9671.

England: 9593; 9691

Glynrhonwy (*N. Wales*):

Ireland: 9583; 9593.

Italy: 9041.

Kent: 9583.

Lancashire: 9693.

Llanberis (*Carnarvonshire*): 9554.

London: 6981.

Merionethshire: 6887; 6962; 7174a; 9365; 9368; 9583.

Middlesex: 9583.

Moeltryfan Quarry (*N. Wales*): 9548.

Nantlle Valley (*Carnarvonshire*): 9077; 9224; 9246; 9349; 9583; 16,863; 16,872.

Norfolk, Northamptonshire: 9583.

Northumberland: 9671.

Oakeley Quarry (*N. Wales*): 9409; 16,803.

Penrhyn Quarry (*Carnarvonshire*): 9409; 9534; 9548; 9555; 9715; 9731; 9773-4; 16,787-92; 16,800; 16,805-7; 16,839; 16,854; 16,871-4; 24,682.

Districts and places referred to—continued.

Penybryn (*N. Wales*): 9548.

Pen-yr-orsedd Quarry (*Carnarvonshire*): 9038; 9076.

Port Bangor (*N. Wales*): 9548.

Scotland:

Shropshire, Staffordshire, Surrey, Sussex: 9583.

Snowdon Quarry (*N. Wales*): 9548.

Talysarn Quarry (*N. Wales*): 9548.

Tregarth (*N. Wales*): 16,886.

Vaynol (*Carnarvonshire*): 24,641.

Vronhenlog (*N. Wales*): 9548.

Wales, North: 6950; 6986; 7106; 7116; 7137; 7144; 7194; 9107-8; 9125; 9137; 9411; 9512; 9548; 9583-4; 9593; 9596; 16,866.

Accidents:

Causes of:

Bad weather: 9152; 9209-11; 9269-70.

Carelessness of employed: 9414; 9482-3; 9492; 9508; 9525-7; 9751; 16,801; 16,816-9; 24,654; 24,678; 24,757-60.

Falling stones: 9347-8; 9390; 9472; 9492; 9498; 9702; 16,816-7; 24,659.

Various: 9326; 9351-60; 9492; 9509; 9584; 9699; 9735; 9752; 24,854-8; 24,886-7.

Compensation for: 9340; 9744.

Fatal: 9215; 9332-46; 9473; 9483; 9493-4; 9509; 9584; 9701; 9705-6; 9730-1; 16,790-4; 16,816-7; 24,682; 24,732; 24,759-78.

Inquests, and inquiry into: 9086-7; 9271-300; 9485-6; 24,659.

Inspection, government *re*: 9087-104; 9215-7; 9222; 9260; 9341-6; 9485-9; 9584; 9730-2; 16,811; 24,682.

Number of: 9349-50; 9390; 9473; 9481; 9511; 9584; 16,821; 16,781; 24,682.

Prevention of, rules *re*: 24,653-4; 24,697; 24,700; 24,826-8.

Through efficient Government inspection: 9584; 9677; 9699-703; 9714; 9736; 9751-4; 9755-6; 24,682.

Through union effort: 9095; 9215; 9259; 9292-8.

Responsibility for: 9414; 9483; 9518; 9749-51; 9753.

Acts of Parliament:

Employers' Liability Act: 9733; 9744; 16,793; 24,661-81.

Factory and Workshop Act: 6962; 9711-2; 16,801; 24,648.

Metalliferous Mines Act: 9091; 9098; 9374; 9414; 9510; 9724-9.

Mines Regulation Act: 9087-91; 9149; 9280.

Allowances: 16,813-4; 16,844-8; 16,886; 24,641; 24,682-3.

Apprenticeship:

Inapplicable to slate trade: 9108.

None in operation: 6821; 6967; 9387; 24,641; 24,859.

Suggestions *re*: 6969-72; 9387.

Arbitration and Conciliation: 6981.

State Boards of, advocated: 6845; 7023-6; 7042-4; 7174a; 9460; 9583; 9597-601; 9608-46; 9670; 9694-8.

deprecated: 24,682.

Awards, compulsory enforcement of, considered: 7045; 7113-22; 9569; 9611-4; 9717-23; 24,682.

Prevention of strikes by, advocated: 6942; 6945; 6947-50; 7023; 7046; 9583.

Resolutions of employed *re* establishment of: 6943-6; 7096; 7116-9; 9460; 9569; 9670.

Suggestions *re*: 7024-8; 7106; 9583; 9615-46; 9687-90.

Voluntary Boards of, advantages of: 9695-8; 9769-72.

Attempts to form: 6941; 6949; 7047; 9671.

Attitude of employers to: 9671-2; 9772-3; 24,682.

Difficulties in: 9599-601; 9673-4.

In operation: 9674; 9682-6; 9691-4.

None, in slate trade: 6940.

Penrhyn Quarry Committee: 7106-12; 9550-3; 9557-64; 9602-7; 9665-70; 9766-71; 16,807-12; 16,824.

Associations:

North Wales Quarrymen's Union: 6885-90; 6897; 6007; 6933-6; 6944-6; 6981; 7083; 7174a; 9085; 9121-3; 9292-8; 9309-11; 9408; 9452; 9459-60; 9474; 9533; 9544-55; 9625-7; 9661-3; 9670-8; 9777; 16,805-7; 16,812; 16,825-7; 16,859; 16,866-7; 24,705-6.

Black List: 6891.**Boy Labour:**

Age of: 6968; 9069; 16,855; 24,861-2.

Employment of, nature of: 6973; 9190-2; 9387; 16,856; 24,859-66.

Proportion of: 9469-71; 16,853-5.

Training of: 6968; 6974; 9069; 9108; 9192-4; 9,387; 16,854; 24,641; 24,859.

Improved system of, advocated: 6969-72.

Wages of: 9069-70; 6471; 16,856; 24,863-6.

Capital:

Capital and labour: 6986-93; 7013-22; 7128-47; 9119; 9122-3; 9443-4; 16,803-4; 24,650; 24,657.

Compensation: 9340; 9744-8; 16,793.**Competition:**

Foreign: 16,808.

Home: 9120; 9409; 9444.

Congresses: 9584-5.**Councils:**

Carnarvonshire County Council: 9530-1.

London Chamber of Commerce: 9361.

Eight Hours' Day:

Attitude of employed to: 7033-8; 9144; 9445; 9459; 9461; 9475-7; 9596; 9678; 16,787; 16,874-8; 24,682.

Attitude of employers to: 9084; 9145-6; 9324-5; 9657-60; 16,787.

Presumed effects of: 7035-8; 9314-23; 16,787; 16,874-7.

Resolutions in favour of: 6946; 6951; 9460.

State interference in, deprecated; 9324-5.

Employed:

Age of: 6959-61; 7150-74; 9105-6; 9391-2; 16,790-1; 24,644-7.

Accidents to (see subject-heading).

Classes of:

Bargain-takers: 9056; 9129-30; 9661; 24,375.

Foremen and timekeepers: 9232-45; 9251-7; 9327-31; 9704.

Officials: 16,802; 24,644; 24,657; 24,724-6; 24,839-51.

Various: 9065-9; 9129-30; 9189-91; 9386; 9452; 9467; 9661; 24,873.

Complaints of *re*:

Favoritism: 6927; 9573; 9579; 16,809; 24,644.

Incompetent managers: 7093-9; 9578; 9626; 9753; 16,802; 24,644; 24,657.

Prices: 6986-91; 7040; 7137; 7144-7; 16,803-4; 24,650; 24,657.

Refusal of employers to meet employed: 6986; 6993-6; 7013-7; 9671-2; 9681; 9772; 16,810; 24,657.

Rules, overstringent: 6999-7009; 7148; 24,650-5; 24,650; 24,654.

Condition in old age or infirmity of: 7153-5; 7168-73.

Contract of service of: 6981; 9116-9; 9136-7; 9420; 16,858-63; 24,697.

Termination of: 6981; 7000-3; 9115; 9412-3; 9415; 24,697.

Diploma of competency of, proposed: 9122-3; 9157-60; 9309-13; 16,835-8.

Discipline and punctuality of: 7006-9; 9085; 9387; 24,653-5; 24,697; 24,701-2; 24,720-3.

Dismissal of: 6981; 7000-4; 9117; 9397; 16,870; 16,887-9; 24,654; 24,697; 24,701.

Distance from work of: 6905; 24,641.

Employers' Liability Act, attitude to, of: 9566; 9569-72; 24,659-82; 24,889-92.

Experience of: 7070-85.

Health and death rate of: 6959; 7151-2; 7174a; 9106; 9386; 9473; 9511; 9584; 9596; 16,790-3.

Meetings and conferences of: 9574-6; 24,642-4; 14,697.

Migration of: 6961; 9107; 9415; 9467-8; 24,647.

Number of: 6987-90; 9141-3; 9249; 9362-7; 24,869.

Pensions for: 7153-5; 9774; 16,813-4; 16,843-4; 24,682-3.

Relations with employers: 6927-8; 6986; 7012-3; 9541-69; 9573-9; 9626; 9757; 9762-5; 16,805-9; 24,642-4; 24,650; 24,688-92; 24,697; 24,703-19.

Resolutions and petitions of: 9569; 9577; 9584; 9676; 24,644.

Shopping of: 16,882-5.

Skilled: 7086-92; 9077-8; 9132-4; 9159-60; 9186-9; 9386; 9412; 9439; 24,657; 24,747-56; 24,867-6.

Thrift and investments of: 7156-7; 9410; 24,647.

Unskilled: 6892-3; 9132-5; 9187; 9311; 9584; 24,641; 24,868-9.

Employers:

Agreements of: 9566-72; 9579-82; 24,659-82; 24,889-91.

Associations of; none: 6906.

Employers—continued.

Inquests, inefficiency of, suggested by: 9086; 9271-300.
 Joint Committees and: 9671-2; 9681.
 Managers: 7093-9; 9302; 9306-8; 9526; 9753; 16,824-6.
 Position and experience of: 9038-47; 9529-33; 16,785-6; 24,657; 24,724-34.
 Profits of: 7138-47; 9409; 9442-3; 9650-5; 9779.
 Relations with employed (see under *Employed*).
 Unionism, indifference to: 9550; 9760-8; 16,812.
 Non-recognition of: 6907; 6995; 7012-6; 9540-7; 16,866-9; 24,705-6.
 Relations with (see under *Trades Unionism*).
 Willingness of employers to meet employed: 16,809-10; 24,644; 24,650; 24,657; 24,688-92; 24,707-19.

Employment: 9122.

Blasting: 7090-1; 7148-9; 9466; 24,700; 24,736-46; 24,808-25; 24,829-38.
 Contracts and bargain work: 7100-5; 9040-64; 9071-4; 9111-4; 9125-31; 9192; 9412-3; 9417-34; 16,858-63; 24,697; 24,871-3.
 Danger of: 6959; 9085; 9198-203; 9268-70; 9326; 9349-50; 9473; 9480; 9488-91; 9509-12; 9526; 9705; 9751-2; 16,794; 16,871-2; 26,657; 24,730-56.
 Employers' Liability Act, contracting out of: 9566-72; 9582; 16,793; 24,659-82; 24,889-92.
 Healthiness and unhealthiness of: 6959; 7151-2; 7163; 7174a; 9107; 9323; 9391; 16,790; 24,644; 24,657; 24,731.
 Improvement in conditions of: 7174a; 9541; 24,683.
 Lodging and rent: 9460; 16,844-8; 16,886; 24,641.
 Powder, use of: 9463-6; 24,742-6; 24,766-71.
 Quarries, closed: 9372-5; 9495; 9735-7; 16,873.
 Open: 6954-5; 9075-6; 9087-91; 9102-3; 8208; 9351-60; 9364-5; 9372; 24,657-9.
 Rules of: 6999-7009; 7148; 9227; 9579-81; 16,818-9; 16,822; 16,824-6; 24,644; 24,650-4; 24,659; 24,693-703.
 Working places in: 9249-51; 24,737-40.
 Quarrying: 9351; 24,735; 24,779-800; 24,829-37.
 Regularity of: 7049; 9139.
 Safety of: 9223-8; 9301-8; 16,839-42; 24,644; 24,658-9; 24,700; 24,779; 24,840-53; 24,867.

Friendly Societies:

Benefit clubs: 7169-73; 9474; 9774.

Inspection:

Government:

Accidents and (see under *Accidents*).
 Anomalies and complaints of: 9584-5.
 Attitude of employed to: 6966; 9413-4.
 Attitude of employers to: 6966; 9093-8; 9102-4; 9155; 9215; 9341-3; 9388-9; 16,795-6; 24,649.
 Efficient, advocated: 6966; 7059-60; 9584; 9707-14; 9727-32; 9736-43; 9756.
 Inefficiency of, to avert accident: 7060-9; 9153-6; 9215-22; 9260; 9341-6; 9351-60; 9525-7; 16,801.
 Inspectors, knowledge of Welsh necessary for: 9584-9; 9715-6.
 Resolutions and petitions in favour of qualified: 9584-92; 9675-7; 16,795.
 Visits of: 9153; 9484-91; 9755-6.
 Machinery and sheds, of: 9200-2; 16,801; 16,865.
 Quarries, of: 6962-3; 7061-2; 9085-90; 9099-102; 9147-50; 9724; 9734.
 Open, not subject to: 6962; 6964-5; 7059; 9100-2; 9199-212; 9256; 9584-5; 9713; 9725; 16,797-800; 16,964; 24,647.

Private:

Mine officials, by: 9226-8; 9231-45; 9251-8; 9327-31; 9496-507; 9513-26; 9704-5; 9753-4; 24,658-9; 24,682; 24,700; 24,779.
 Time of: 9227-8; 9231-45; 9500-1; 9513-7; 24,659; 24,779-800.

Inspection—continued.

Rules re: 24,840-52; 24,885-1.
 Value of: 9091; 9097-8; 9151-3; 9156; 9220-5; 9258; 9302-8; 9331; 9731; 16,802; 24,647-9; 24,682.

Labour:

Hours of:
 Average and uniformity of: 9445; 9656-60; 9881; 16,787-9; 24,641.
 Holidays and lost time: 6953; 9478-9; 24,697; 24,876.
 Mealtimes: 6903; 6953; 9447; 9454; 9475; 9596; 24,641.
 Overtime: 9451-7; 9478-91; 9678-80; 16,787.
 Starting and closing work: 9229-37; 9369-71; 24,882.
 Variation in: 9084; 9412; 16,851.
 Winter and summer: 6902; 6952-3; 7035-8; 9077; 9261-70; 9313; 9368; 9445-7; 9596; 16,789; 24,641; 24,659; 24,801-7; 24,882.

Lodging and Rent (see under *Employment*).

Machinery:

Effect of, upon labour: 6975-80; 7067-9; 7109; 7174a; 9109-10; 9492; 24,650.

Output (see under *Production*).

Overtime (see under *Labour*).

Production:

Methods of: 9351; 24,658-9; 24,697; 24,735-6; 24,779-800; 24,829-37.
 Output: 7140; 9119-90; 9370-1; 9443-50; 16,875-7.
 Prices: 7126-36; 9044-55; 9125-8.
 Higher obtainable: 6986-95; 7013-22; 7040-1; 7137-47; 9443; 16,803; 24,650; 24,657.
 Uniformity of, impossible: 7126-36; 9119; 9430-4; 16,828-32.
 Quarries: 7018; 7093-105.
 Closing of small: 7018; 7126-7; 7132-4; 7147; 9139-40; 9409; 9411; 9441-4.
 Statistical returns, compulsory, advocated: 7084-5; 9593-5; 9647-55.
 Trade, state of: 9171-3; 9409; 9411; 9462; 16,833.

Profit sharing:

In operation: 9398-407; 9435-40; 9528; 9775-6.
 Unsuccessful attempts in: 9777-8; 16,857.

Profits (see under *Employers*).

Refutations: 24,641; 24,644.

| | Statement. | Denial. |
|--|--|-------------------------------|
| Employed: Age of - - - - | 6959; 7150; 7160-4 | 16,790-1; 16,802; 24,644. |
| Unskilled, proportion of - | 6892 - - - | 24,641; 24,869. |
| Employers: Incompetent managers and officials. | 7093-9; 9763 - | 16,802; 24,644; 24,687. |
| Employment: Employers' Liability Act, contracting out of. | 9566; 9570-2; 9582. | 16,793; 24,659-82; 24,889-92. |
| Inspection: No efficient, of open quarries. | 6902-5; 9206-12; 9256; 9584; 9713; 9725; 16,797; 16,864. | 24,647; 24,840-52; 24,881-5. |
| Machinery: Indirect payment for - | 6975; 7069 - - | 24,650. |
| Production: Higher prices obtainable for. | 6986-95; 7019-22; 7040; 7137-47; 9443. | 16,803; 24,650; 24,657. |
| Quarries—rivalry of small and large. | 6986; 7017-8; 7147; 9409; 9411; 9442-4. | 16,804; 24,657; 24,650. |
| Trade Unionism: No reason given for non-recognition of, by employers. | 9768 - - - | 16,809. |

Remedies :**Accidents :**

Prevention of, by efficient Government inspection, advocated: 6966; 9584; 9877; 9699-703; 9714; 9736; 9751; 9755-6.

Prevention of, by Union interference, advocated: 9015-6; 9215-20; 9259; 9292.

Apprenticeship, improvement in, advocated: 6968-9.

Arbitration and conciliation :

State Boards of, advocated: 6945; 7023-7; 7042-5; 7113-21; 7174a; 9460; 9640-2; 9583; 9597-601; 9608-46; 9670; 9695-8.

Eight hours' day advocated: 6946; 6951; 9460.

State interference in, deprecated; 16,835.

Inquests, improvement in, advocated: 9086; 9280-300.

Inspection, efficient Government, advocated: 6966; 9584-92; 9675-6; 9755-6; 16,795-6.

Production, compulsory statistical returns of, advocated: 7084-5; 9593-5; 9647-55.

Strikes, prevention of (see under *Strikes*).

Trades Unionism :

Union diploma of competency of employed, advocated: 9122-3; 9157-60; 9309-13; deprecated: 16,835.

Sanitation :

Ventilation, satisfactory: 7174a.

Sliding Scale : 6940-1; 7029-32; 9079; 9432; 9779-82.

State Interference (see under *Eight Hours' Day* and *remedies*).

Strikes :**Individual :**

Glynrhonwy, 1874: 9550-3.

Dinorwic, 1865-6: 6912-27; 7056-7; 9393; 9544; 9566-7; 9573-82; 9683; 9766; 24,641-4; 24,681.

Penrhyn, 1865: 9533-49.

1874: 9544-64; 9625-6; 9768; 16,805-12; 16,823.

Pen-yr-orsedd: 9174-85.

Strikes—continued.

Minor: 6912; 6930-1; 6948; 6981-5; 6996-8; 7058; 9082-3; 9394-7; 9624; 9753-9.

Prevention of, by arbitration: 6942; 6945; 6947-50; 7046; 7046; 9583; 9636-42.

Trades Unionism :

Boycotting of Unionists: 6891-5; 9415.

Co-operation and: 9438; 9777-9; 16,857.

Origin of: 9538-65; 16,805-12.

Overtime and: 9680-1.

Proportion of Unionists and Non-unionists; 6888-90; 7116-9; 9662-4.

Relations with employers: 6907; 6981-5; 6986; 6995-8; 7013-21; 9121; 9550-6; 9573-82; 9625-31; 9665-9; 9760-8; 16,812; 16,823; 16,866-9.

Strikes and: 6933-6; 9534; 9550; 9581; 9625-7.

Suggestions to: 9085-6; 9121-3; 9157-60; 9215-20; 9259-60; 9292-8; 9309-12; 16,835-8.

Wages :

Average: 6897-8; 7051; 9077-8; 9132-7; 9162-73; 9376-7; 16,829-31; 16,849-50; 24,657.

Bargain-takers, of: 9376; 9417; 9456-7; 9464-5.

Contracts or bargain work: 6894-6; 6994; 7100-5; 9041-64; 9069-70; 9110-4; 9130-7; 9412-3; 9417-34; 16,824; 16,828-32; 16,858-63; 24,641; 24,870-3.

Deductions from: 6979-80; 7060; 9418; 9463-5; 24,650.

Effect of prices on: 6986-94; 7029-32; 7054-5; 7137-8; 7147; 9138; 9161; 16,803; 16,835; 24,650; 24,657.

Fluctuation in: 6897; 6932; 7039; 7051-3; 9080-1; 9378-85; 9462; 9779; 16,851.

Monthly payment of: 6899-901; 6981; 16,861-2; 16,879-81; 16,885; 24,641; 24,654; 24,697; 24,870-80.

Revision and rise in: 6908-11; 9056-8; 9378-84; 9396; 9779; 16,812; 16,833-4; 16,849-50.

Standard rate of: 9041-7; 9056-64; 9125-8; 9376; 9417-31.

Various workmen, of: 9069; 9129-31; 9162-70; 9376-7; 9425-6; 9463.

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ROYAL COMMISSION ON LABOUR.

I N D E X E S.

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I N D E X

TO THE

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TAKEN BEFORE

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T R A D E S.

P A R T III.—G R O U P C.

Presented to both Houses of Parliament by Command of Her Majesty.
June 1893.



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ROYAL COMMISSION ON LABOUR

44, Parliament Street, London, S.W.,

MY LORD DUKE,

September 16th, 1893.

I have the honour to submit to you the second volume of the Index of the Evidence taken before the Commission, namely, that relating to the Trades investigated by the Commission. Considerations connected with the printing have made it necessary to divide the volume into three parts corresponding to the Groups A., B., and C.

An attempt has been made to afford, by means of this Index, a complete review of the Labour Question under each trade so far as the oral evidence is concerned. With regard to the written evidence, it is perhaps as well to point out that, at the end of the volume published by the Commission on the Rules of Associations of Employers and of Employed, a complete review is given in an appendix of the written evidence received by the Commission on the subject of Trades with reference to the oral evidence.

I am,

Your Grace's obedient Servant,

GEOFFREY DRAGE,

Secretary.

To

His Grace the Duke of Devonshire, K.G.,

Chairman of the Royal Commission on Labour.

TABLE OF CONTENTS.

| | Page |
|---|------|
| Bakers | 5 |
| Barmaids and Barmen | 9 |
| Boot and Shoe Trade | 10 |
| Brush-making | 16 |
| Building Trades | 17 |
| Cabinet-makers | 25 |
| Carpet-making | 27 |
| Chemical and Copper Works | 28 |
| Coach-makers | 38 |
| Coal-porters | 34 |
| Confectionery | 37 |
| Coopers | 39 |
| Cork-cutters | 41 |
| Cotton | 41 |
| Covent Garden Porters | 48 |
| Domestic Servants | 48 |
| Dress-making | 49 |
| Dyers | 50 |
| Gas-making | 51 |
| Glass-bottle Trade | 57 |
| Hosiery | 60 |
| Jute and Rope Makers | 63 |
| Lath-renders and Mill-sawyers | 67 |
| Linon | 68 |
| Mats and Matting | 70 |
| Paper Mills | 70 |
| Pottery, Earthenware, and Brick-making Trades | 71 |
| Printing | 73 |
| Seed-crushing | 78 |
| Shop and Warehouse Assistants | 79 |
| Silk | 82 |
| Straw-plaiting | 84 |
| Tailoring and ready-made Clothing Trade | 84 |
| Upholstery | 88 |
| Woollen and Worsted | 89 |

ROYAL COMMISSION ON LABOUR.

TRADES INDEX.

GROUP "C."

BAKERS.

BAKERS.

Witnesses:

Employed: Catto, Alexander (27,544-27,593); Davis, Murray (28,768-29,073); Emery, Herbert (29,074-29,566); Hill, Louis Albert (29,074-29,566); Hogan, John (16,520-16,610); Jenkins, John (29,074-29,566); Jolley, John Henry (17,018-17,257); Lawlor, James (28,768-29,073); Lee, Christopher (29,074-29,566); O'Connor, John (28,768-29,073).

Employers: Chibnall, George William (29,567-29,755); McCann, Hugh Francis (33,079-33,102); Prain, David Alexander; Sturgis, George (29,567-29,755).

Districts and places referred to:

Aberdeen: 27,560; 27,574.
 Armagh: 28,842.
 Ballina (*Ireland*): 28,842-3.
 Ballymena (*Ireland*): 28,842; 28,879.
 Belfast: 16,555; 28,809; 28,812; 28,821-2; 28,832; 28,840-2; 28,852-3; 28,887; 28,905; 28,963-5; 28,974-5; 28,982-92; 29,019-20; 29,034-6; 29,063.
 Birkenhead: 29,191.
 Birmingham: 29,420.
 Carrickfergus (*Ireland*): 29,036.
 Cork: 16,555; 16,576-7; 17,033; 17,042-50; 17,120-6; 17,162; 17,168; 17,189; 17,223; 17,232; 17,254; 28,769; 28,811; 28,852-6; 28,867; 28,873-5; 28,909; 28,932-5; 28,941-52; 28,959; 28,977; 28,994.
 Derry: 28,843.
 Drogheda: 28,842-3; 28,879-80.
 Dublin: 28,768; 28,771; 28,815; 28,821; 28,852-3; 28,887-8; 28,893; 28,900-7; 28,967; 28,978; 28,983; 28,986-92.
 Dundalk: 28,842-3; 28,878; 28,979-81; 28,996; 33,079-82; 33,089-94; 33,098.
 Dungarvon (*Ireland*): 28,842.
 Edinburgh: 27,554-6.
 England: 29,124-5; 29,152; 29,392; 29,422; 29,519.
 Glasgow: 27,554-6; 27,569; 27,574; 29,428-30.
 Hanley (*Staffordshire*): 29,357.
 Ireland: 28,814; 28,836; 28,840-3; 28,848; 28,877; 28,884; 28,905-7; 28,958; 28,973; 28,994; 29,003; 29,032-8; 29,458; 33,094-6.
 Kerry: 17,187.
 Lancashire: 29,094; 29,108; 29,120; 29,138-8; 29,371.
 Leeds: 29,224-5.
 Leicester: 29,157; 29,193-8.
 Limerick: 16,520; 16,542; 16,555; 16,577.
 Liverpool: 29,136; 29,189; 29,352; 29,371; 29,420; 29,516.
 London: 28,823; 28,873-4; 29,074-7; 29,082; 29,088-91; 29,117-20; 29,136-8; 29,145-7; 29,158-62; 29,174; 29,184; 29,228; 29,247-8; 29,259-68; 29,275-8; 29,292; 29,303-4; 29,336-8; 29,377-90; 29,395; 29,420-1; 29,434; 29,490; 29,568-78; 29,585-6; 29,650; 29,695.
 Londonderry: 28,842.
 Longton (*Staffordshire*): 29,321; 29,357.
 Lurgan (*Ireland*): 28,836; 28,842.

Districts and places referred to—continued.

Manchester: 29,076; 29,120-6; 29,136; 29,150-2; 29,186; 29,222; 29,225; 29,335; 29,338; 29,351-2; 29,370-4; 29,420.
 Meath: 28,884.
 Monaghan (*Ireland*): 28,842.
 Navan (*Ireland*): 28,884.
 Newcastle-on-Tyne: 29,084.
 Newry (*Ireland*): 28,842-3; 28,879; 28,974.
 Northampton: 29,419.
 Norwich: 29,123.
 Plymouth: 29,084; 29,123; 29,232.
 Portadown (*Ireland*): 28,842.
 Scotland: 27,544; 27,548-50; 27,553-6; 27,566-9; 27,575-6; 29,013-5; 29,398; 29,427-30; 29,650; 29,695.
 Sligo: 28,842-3.
 Southampton: 29,084; 29,123; 29,419.
 Staffordshire: 29,078; 29,317-9; 29,354-5.
 Stoke (*Staffordshire*): 29,357.
 Stratford: 29,223; 29,225.
 Swinford (*Ireland*): 28,842.
 Tunstall (*Staffordshire*): 29,357.
 Ulster: 28,843.
 United States of America: 29,538-41.
 Waterford: 28,842-3.
 Wolverhampton: 29,199.
 Woolwich: 29,223; 29,225.
 Yorkshire: 29,093-5; 29,098; 29,143.

Acts of Parliament:

Bread Regulation Act: 29,356-7.
 Factory and Workshop Act: 17,039; 17,253; 28,840; 28,855; 28,858; 28,934-5; 28,939; 29,034; 29,266-7; 29,288; 29,305-6; 29,318; 29,368; 29,452-7; 29,706-8.
 Metropolitan Building Act: 29,266.
 "Statute of William III.": 28,805-7; 28,812-4; 28,974-7.
 Truck Act: 29,382; 29,388-9; 29,674-5.

Apprenticeship:

Advocated: 29,072-3.
 No system of: 29,236-8.
 Number of Apprentices: 16,576; 28,897-8.

Arbitration and Conciliation:

Arbitration: 28,817-20; 28,893; 29,282; 29,285.
 Arbitrators: 28,819; 29,282; 29,287.
 Boards of: 27,560; 29,218; 29,286; 29,330.
 Conciliation:
 Boards of: 27,560; 29,218-20; 29,287; 29,730.
 National Board of: 27,561.
 Joint Committees: 27,560.
 Umpires: 28,819; 29,287; 29,338-4.

BAKERS.**Associations :***Of Employed :*

Amalgamated Union of Bakers : 29,075-93; 29,165; 29,257; 29,419-21; 29,438; 29,579-80; 29,654; 29,729.

Hammersmith Branch : 29,268.

London Branch : 29,074; 29,088-91; 29,184.

Staffordshire Operative Bakers : 29,078.

Federated Union of Operative Bakers in Scotland : 27,544-7; 27,580.

Irish National Bakers' Federation : 28,770; 28,876; 28,884-7; 28,960-5.

Cork Branch : 17,033; 17,036; 17,228; 28,769; 29,060.

Dublin Branch : 28,768; 28,771; 28,888; 28,943-7; 29,040-50.

Limerick Branch : 16,552; 16,564.

Of Employers :

London Master Bakers' Protection Society; 29,567-77; 29,729.

Boy Labour :*Boys :*

Age of : 28,835-40; 28,855; 28,935-6; 29,006; 29,032; 29,234-5; 29,288-90; 29,318.

Effect of nightwork on : 29,290-1.

Number of : 29,233-4.

Hours of : 28,835-6; 28,858-61; 28,937-8; 29,288-90; 29,318.

Illegality of : 28,846; 29,318.

Restriction of : 28,840; 28,939; 29,288.

Capital : 27,557; 27,560; 28,784; 29,200.

Competition :

Foreign : 29,506; 29,518; 29,563; 29,566; 29,723.

Home : 27,575; 27,585; 28,804; 28,952; 28,992; 29,210; 29,315; 29,428; 29,483-9; 29,501-5; 29,523; 29,650; 29,683; 29,700-1; 29,737.

Conferences : 27,561; 29,282-3; 29,569; 29,729.

Congresses :

Trades : 27,570-2.

Co-operation : 17,132-3; 28,994-5; 29-201; 29,221; 29,226.

Co-operative Bakeries : 29,221-5; 29,228; 29,407-8; 29,411.

Co-operative Bread Stores : 29,221.

Councils :

Chambers of Commerce : 27,560; 29,218-9.

County : 29,532; 29,551; 29,558.

Town : 29,532.

Trades : 17,229; 27,560.

Eight Hours' Day :

Advocated : 27,579-82; 29,252-3; 29,334; 29,417; 29,437-8; 29,447; 29,457.

Forty-eight hours per week : 29,442-55.

Local Option : 27,570-5; 29,441; 29,458.

Sectional : 27,575-6; 27,584; 29,269.

State Interference : 29,253; 29,267; 29,334; 29,437-8; 29,441; 29,733-4.

Different opinions on : 29,447; 29,451; 29,456-8.

Objections to : 27,585-93; 29,340-5; 29,439; 29,445; 29,452; 29,456-7.

Presumed effects of, on :

Other trades : 27,585-93.

Small Masters : 29,346-53.

The Public : 29,735-7.

Resolutions passed in favour of : 27,562-3.

Employed :

Average life of : 28,954; 29,748.

Character of : 29,044-8; 29,753-4.

Conditions of : 29,218; 29,725; 29,746-7.

Demand and supply of : 16,575-6; 17,123; 29,045-6; 29,055-9; 29,419.

Diseases of : 28,970; 29,157; 29,247-8; 29,367; 29,403; 29,423-4; 29,709-10; 29,749-52.

Emigration of : 29,561-3.

Health of : 28,971; 29,013; 29,168; 29,366-7; 29,425.

Lodging of : 28,842; 29,196.

Mortality of : 29,157; 29,164-5; 29,169-71; 29,423.

Number of : 27,550; 27,566; 29,006-7; 29,438; 29,572; 29,606; 29,618; 29,663-5; 33,091; 33,098.

Recreation of : 27,583; 27,585.

Relations of, with employers : 28,776; 28,794-6; 28,821; 28,895; 28,899; 29,267.

Employers :

Agreement with workmen, violated by : 29,184; 29,267; 29,438.

Attitude of, towards unions : 16,552; 28,896; 29,006; 29,036.

Attitude of, towards workmen : 29,267; 29,278.

Companies and firms :

Aerated Bread Company : 29,494.

Chibnall's : 29,276; 29,652.

Huntley and Palmer's : 29,523.

McCann's : 33,091; 33,095.

Milling firm : 29,225.

Nevill's : 29,158-9; 29,390; 29,490-1; 29,665; 29,678.

Influence of : 29,253; 29,267; 29,338.

Nightwork enforced by : 29,153-4; 29,426.

Number of : 29,570.

Profits of : 28,982; 28,993; 29,154-5; 29,405; 29,426; 29,634; 29,638.

Small masters : 29,345-53.

Employment :

Aerated process : 29,494-8.

Conditions of :

Dangerous : 29,425.

Healthy : 29,036; 29,162; 29,241; 29,748.

Improvement of : 29,601.

Unhealthy : 17,169; 28,953; 28,971; 28,973; 29,018; 29,156; 29,269; 29,301; 29,422; 29,425.

Contracts : 16,568; 29,740.

Effect of, on employed : 17,231; 28,961; 28,973; 29,267; 29,366-7; 29,422; 29,709-10; 29,752; 29,755.

Municipal bakeries : 29,479-80; 29,518; 29,526.

Advantages of : 29,511-7.

Rivalry of, with other bakeries : 29,481-7; 29,502-7; 29,512; 29,524-6.

Nature of : 29,271; 29,349; 29,607; 29,666.

Piece-work : 28,800-1.

Sunday dinners, baking of : 29,135-49; 29,196-8; 29,728.

System of working : 17,049; 17,159-61; 27,567-9; 28,821-30; 29,013; 29,155-61; 29,248; 29,318-9; 29,327-9; 29,422-9; 29,490-3; 29,607; 29,650-1.

Variations of : 29,489; 29,499.

Fines (see under Wages).**Foreign Labour :***Germans :*

Character of : 29,715-7.

Conditions of : 29,714.

Employed : 29,518; 29,713.

Employers : 29,266; 29,713-5.

Number of : 29,712-3; 29,722.

Foreign Labour—continued.

Jews: 29,260; 29,721.
Hours of: 29,260.

Friendly Societies and Relief Funds:**Benefits:**

Dispute: 28,788; 28,887.
Emigration: 28,929.
Funeral: 28,783; 28,785; 28,929; 29,167.
Out of work: 28,781-3; 28,785; 28,929; 28,947;
29,043-55.
Sick: 28,783; 28,785; 28,891-2; 28,929; 28,963-9;
29,071-2; 29,166; 29,366.
Superannuation: 28,785.
Pension society, 29,748.

Inspection:

Efficient: 29,703-5.
Increase of, advocated: 28,847-51; 28,972; 29,254;
29,266; 29,303; 29,367-8; 29,433.
Inefficient: 27,559; 28,840-1; 28,939; 29,230-1;
29,368-9.
Inspectors:
Complaints to: 29,307.
Duties of: 28,940; 29,304-5.
Efficient: 28,840; 29,035.
Increase of, advocated: 27,559; 28,847.
Inefficient: 29,303.
Number of: 28,905-8; 29,368.
Visits of: 17,125-6; 17,257; 27,556; 28,816; 28,866;
28,902-4; 28,932; 28,978; 29,232; 29,266;
29,367; 29,705-8.
No system of; 17,039-40.

Joint Committees (see under Arbitration).**Labour:**

Days of: 17,037; 17,225-6; 29,022; 29,055; 29,134;
29,152; 29,267; 29,275-8; 29,318; 29,321; 29,452;
29,654-8.
Hours of:
In Belfast: 29,019-20.
Cork: 17,033-8; 17,163; 17,223-4; 28,852; 28,860;
28,961.
Dublin: 28,800-4.
Dundalk: 28,842-3; 33,089; 33,099-101.
England: 29,123-5; 29,127-32.
Lancashire: 29,120.
London: 29,184; 29,260; 29,272-3; 29,603-8;
29,610-1; 29,650-9; 29,728.
Manchester: 29,120-2; 29,150-1; 29,372; 29,418.
Plymouth: 29,123.
Scotland: 27,551; 27,568-9; 29,015; 29,398;
29,427-9.
Southampton: 29,123; 29,267.
Staffordshire: 29,318; 29,321; 29,324-5.
Western Ireland: 28,842-3.
Meal-times: 27,569; 29,120; 29,326; 29,422; 29,652;
29,655; 29,657.
Night-work: 17,037-8; 17,049; 17,158-64; 17,170-2;
27,567-9; 28,821-4; 29,016-22; 29,127-30; 29,133;
29,318-21.
Abolition of, advocated: 28,802; 28,821; 28,833-4;
29,013; 29,153-5; 29,249-50; 29,291; 29,391-5.
Deprecated: 29,426; 29,605; 29,646-51; 29,692-3;
29,700.
Effected: 29,602-4; 29,648.
Obstacles to: 29,650-1; 29,692-702; 29,732-3.
Overtime: 17,041; 29,022; 29,152.
Reduction of hours of:
Advocated: 17,170-2; 28,948; 29,022-32; 29,069;
29,251.
Deprecated: 29,278.

Labour—continued.

Effected: 28,843; 28,979; 29,001; 29,005-10; 29,019;
29,199; 29,335-8; 33,089; 33,100-1.
Obstacles to: 28,948; 28,958-60; 29,006; 29,011-2;
29,036; 29,419.
State interference in: 28,951; 28,955-61; 29,031-3.
Sunday: 17,227; 28,802; 28,805-13; 28,821;
28,833; 28,843; 29,135-41; 29,147-50; 29,274;
29,728.

Machinery:

Advantages of: 29,240-1; 29,402-5; 29,667.
Dough made by: 29,246-8; 29,666; 29,669.
Effects of: 29,067-9; 29,246-8; 29,400-3; 29,667.
Introduction of: 16,545-6; 16,552; 16,560.
Advocated: 29,240; 29,247; 29,399.
Opposition to: 17,058.
Kneading done by: 29,158-9.
Method of working: 29,667-9.
Protection of: 29,308; 29,709.

Municipalisation (see under Employment and Remedies).**Overtime (see under Labour and Wages).****Picketing and Intimidation:**

Amount of: 16,564.
Nature of: 16,564-7.
Prevention of: 28,925-6.
Punishment of: 16,567.

Production:

Bread:
Adulteration of: 29,210-15.
Comparison of, with Home-made: 29,093-100;
29,491.
Delivery of: 29,155; 29,607; 29,650-1; 29,695;
33,101-2.
Different qualities of: 28,991; 29,107-19; 29,226-9;
29,487; 29,502; 29,619; 29,623-4; 29,630-3;
29,718-21; 29,733-45.
Hot rolls: 28,822-5; 28,829-31; 29,153; 29,291-5;
29,395; 29,694-7.
Nevill's family bread: 29,159.
New bread, demand for: 29,604; 29,608-16; 29,695;
29,699; 29,702.
New bread, necessity for, deprecated: 28,804;
28,822; 29,155; 29,291-3; 29,392-8; 29,431;
29,737.
Output of: 23,797-8; 29,050.
Prices of: 28,981-92; 29,004; 29,063-7; 29,099-119;
29,267; 29,332; 29,355-62; 29,487; 29,502;
29,625-8; 29,634-41.
Comparison of: 28,982-90; 29,215; 29,371-5;
29,642-5.
Unwholesomeness of: 17,168; 28,827; 28,830-1;
29,395; 29,733.
Value of: 29,431.
Varieties of: 29,499-500; 29,503; 29,506; 29,510-2;
29,518-26; 29,720-1.
Weight of: 29,355-62; 29,620-1; 29,634-6; 29,639;
29,641.
Wholesomeness of: 29,245-8.

Profits (see under Employers).**Profit Sharing:**

Advocated: 29,201; 29,406-16.

Refutations:

| | Statement. | Denial. |
|---|------------|----------------------|
| That Chibnall's firm has a short supply of ovens. | 27,278 | 29,709 |
| That wages in Dundalk were raised from 18s. to 27s. a week. | 28,843 | 33,081-6; 33,092. |

BAKERS.**Remedies advocated:**

Abolition of night-work: 17,094; 17,162-4; 17,169.
 Advertisements during strikes should be headed
 "Strike": 28,871-3.
 Boy labour, restriction of: 29,268.
 Closing of unsanitary bakehouses: 29,368; 29,433.
 Co-operation: 29,201.
 Imprisonment of idlers: 29,464-8; 29,527-30.
 Increased inspection: 29,266; 29,367-8.
 Introduction of smaller sacks of flour: 29,709-10.
 Irish constabulary as inspectors: 28,847-9; 28,868-70.
 Labour Bureaus: 29,532; 29,538-43; 29,559-60.
 Lining of bakehouses with white glazed bricks: 29,425.
 Municipalisation: 29,201-10; 29,544-50; 29,556.
 Registration of bakehouses: 29,368; 29,432.
 State interference in hours: 28,962; 28,972; 29,425.
 State provision for unemployed: 29,532-7; 29,544-5;
 29,558.
 Umpires appointed by Government: 29,333-4.

Sanitation:

Bakehouses, condition of: 28,842; 28,973; 29,157;
 29,164-71; 29,260-6; 29,364-9; 29,434; 29,666;
 29,688; 33,094.
 Comparison of: 29,434; 29,586.
 Complaints of: 17,046-8; 17,257; 29,260.
 Improvement of, advocated: 27,558; 29,255; 29,425.
 Improvement of, effected: 29,255-7; 29,600-1.
 Lighting: 29,266; 29,296-301; 29,584; 29,589-91.
 Obstacles to: 29,433-5.
 Regulations for, evaded: 17,253-6; 28,932-3;
 29,369.
 Satisfactory: 27,556; 28,815; 28,842; 28,978; 29,162-4;
 29,593; 29,691; 33,094.
 Underground bakehouses, condition of: 29,157;
 29,241-4; 29,266; 29,363-4; 29,433; 29,581-91;
 29,600; 29,690.
 Flooding of: 29,260; 29,262; 29,296.
 Prohibition of, advocated: 29,296-7; 29,302-3;
 29,308; 29,315.
 Prohibition of, deprecated; 29,596-9.
 Reasons, for, 29,585-6.
 Refuse heaps in: 29,266; 29,369; 29,688.
 Unsatisfactory: 17,046-8; 17,124; 27,556; 28,842-5;
 28,867; 28,941-2; 28,961; 28,973; 29,157;
 29,260-6; 29,296; 29,363-9; 29,434; 29,688-90.
 Ventilation: 28,961; 29,157; 29,163-4; 29,168;
 29,266; 29,296; 29,305; 29,591-2; 29,597; 33,094.

State Interference (see under *Eight Hours' Day and Remedies*).**Strikes, Lockouts, and Disputes:**

Birkenhead: 29,191-2.
 Cost of, 29,192.
 Cork, 1882, 1883, 1890: 17,050.
 Causes of, hours and night work: 17,050-2; 17,120-2;
 17,230; 28,863; 28,912; 28,919; 28,923.
 Duration of: 17,081; 28,915.
 Importation of labour: 17,187-8; 28,878-5;
 28,916.
 Results of: 17,053-7; 17,121; 17,231-4; 28,864-5;
 28,914-5; 28,920-4.
 Drogheda, 1892: 28,880-3.
 Cause of, hours and apprentices: 28,882.
 Result of: 28,881; 28,883.
 Dublin, 1889: 28,797-9.
 Cause of, wages: 28,797.
 Result of: 28,797.
 Leicester, 1891: 29,193.
 Cause of, night work and indoor living: 29,195.
 Number of employed, on strike: 29,193.
 Result of: 29,194; 29,196.

Strikes, Lockouts, and Disputes—continued.

Limerick, 1891: 16,542-3.
 Causes of, machinery and wages: 16,545-50.
 Importation of labour: 16,554-5.
 Number of employed, on strike: 16,556-9.
 Result of: 16,544; 16,560-2.
 Liverpool, 1891-2: 29,189-90.
 Cause of, wages and night-work: 29,190.
 Local Irish strikes:
 Causes of, wages: 28,884.
 Importation of labour: 29,038.
 Results of: 28,884; 28,887.
 London, 1889, 1890: 29,174; 29,729.
 Cause of, hours: 29,178-9.
 Conduct of: 29,182-3.
 Cost of: 29,177.
 Duration of: 29,176.
 Number of employed, on strike: 29,174-5; 29,184.
 Result of: 29,178; 29,180-1; 29,184.
 Manchester, 1890, 1891: 29,186.
 Cause of, wages: 29,187.
 Cost of: 29,188.
 Result of: 29,187.
 Preston, 1892: 29,153.
 Scotland, 1889: 27,553.
 Cause of, hours: 27,553.
 Duration of: 27,555.
 Scotland:
 Importation of labour: 27,555.
 Result of: 27,554.
 Settlement of: 29,200; 29,282; 29,330; 29,333;
 29,729.

Trade Unionism:

Effects of: 29,256-8; 29,372; 29,421; 29,436.
 Obstacles to organisation: 29,267; 29,420-1.
 Officials: 27,545-6; 28,789.
 Unionists and non-unionists: 16,560; 16,565-6;
 16,568-71; 17,123; 17,189; 29,037-8.

Truck System (see under *Wages*).

Unemployed: 29,044-9; 29,420; 29,460-8; 29,530-47;
 29,558.

Advocated for:

Abolition of poor-law system: 29,532-3.
 Provision of food: 29,532-3; 29,545-8; 29,556-8.
 Provision of labour: 29,469; 29,531-8.

Wages:

Bonuses: 29,409-11.
 Comparison of: 16,572; 16,577; 28,821; 28,853;
 28,982-7; 29,123-6; 29,260; 29,726-7.
 Conditions of payment of: 29,460.
 Districts, in various:
 Belfast: 28,821.
 Cork: 28,852.
 Dublin: 28,792-3.
 Dundalk: 28,843; 28,878; 33,081-8; 33,090-3;
 33,097.
 Effect of increase of, in: 28,980-1; 28,996; 29,004.
 England: 29,123.
 Limerick: 16,545-9; 16,563; 16,568-74.
 London: 29,260; 29,381-2; 29,389-90; 29,670
 29,726-7.
 Manchester: 29,120; 29,373.
 Scotland: 27,552.
 Southampton: 29,267; 29,419.
 Western Ireland: 28,843; 28,879.

Wages—continued.

Fines : 29,044; 29,342.
 Overtime, for : 17,043; 29,184; 29,187; 29,267;
 29,279-81; 29,318; 29,659; 29,670.
 Sack money : 29,687.
 Scale of : 29,185; 29,279; 29,660-1; 29,731.
 Spinging, for : 29,187.

Wages—continued.

State interference in, advocated : 29,459.
 Deprecated : 29,027-31.
 Sunday work, for : 17,045.
 Truck system : 29,376-88; 29,670-85; 29,727.
 Abolition of : 29,382; 29,389-90.
 Yeast money : 29,685-7.

BARMAIDS.

BARMAIDS AND BARMEN.

BARMAIDS.

Witnesses :

Employed : Tees, Charles (8695-8844).
Employers : Walker, Charles (15,683-15,812).
Independent : Black, Clementina (8861-8865); Shortt,
 Edward (8695-8844).

Districts and places referred to :

America : 8763; 15,771.
 England : 8718.
 London : 8731-2; 8773; 8780; 8799; 15,683;
 15,688-90; 15,777-8; 15,787.
 Plymouth : 8731.
 Portsmouth : 8731.
 Scotland : 8718.
 Wales : 8718.

Acts of Parliament :

Factory and Workshop Act : 8740.
 Shop Hours Regulation Act : 8740-1.

Associations :

Of Employed :
 Barmaids' Association : 8702; 8743; 8753; 8766.
 Barmen and Barmaids' Union : 8704; 8770; 8779;
 8836-40.
Of Employers :
 Licensed Victuallers' Protection Trade Board :
 15,683; 15,689.

Boy Labour :

Boys, age of : 8742; 8797; 8802.
 Hours of : 8742; 8802.

Competition : 15,795.**Employed :**

Accommodation of : 8709; 8813; 15,727-8.
 Allowances of : 8757.
 Board and lodging of, 8719; 8748-9; 8756-7; 8785;
 15,726.
 Comparison of : 15,774-6; 15,800-1.
 Dismissal of : 8720-1; 8736; 8745.
 Dissatisfaction of : 8747-8; 8774.
 Dress of, 8719.
 Health of, 8710; 8767; 8794.
 Intemperance of : 8710; 8712; 15,779-80; 15,797-9.
 Discharge for : 15,784; 15,797; 15,806.
 Opportunities for : 8757; 15,779; 15,783-4; 15,799;
 15,805-8.
 Isolation of : 8737.
 Morality of : 8711-2; 8728; 8767; 8775; 8864;
 15,692; 15,732; 15,741-6.
 Number of : 8716-8; 8738; 8805-7; 8814; 8818-9;
 8831-3.
 Obstacles to evidence by : 8715; 8745.
 Parentage of : 8723; 8725-7; 8798; 15,796.
 Relations with employers : 8761.

E 78190.

Employers :

Attitude of, towards Unions : 8736; 8837-9; 15,791-4.
 Firms :
 Bertram : 8706; 8715.
 Guest and Finch : 8764.
 Profits of : 15,812.
 Punishment of : 8742.
 Violation of Shop Hours Regulation Act by : 8740-2.

Employment :

Conditions of obtaining : 8719.
 Deprecated for women : 8729; 8762; 8765; 8778.
 Effect of, on employed : 8710-2; 8733; 8755; 8775;
 8794; 15,746; 15,780-1.
 Nature of : 8724; 8794-6; 15,780; 15,759-60;
 15,780; 15,802.
 Public-houses, condition of : 8706; 8740-2; 8800;
 15,732-4; 15,740; 15,778.
 Communication with customers in : 15,785;
 15,803-4.
 Comparison of : 15,734; 15,741.
 Drunkenness and bad language in : 15,733;
 15,735-9; 15,779.
 Working, system of : 8804-11; 8814-33; 15,696-718;
 15,730-1; 15,757-62; 15,809-11.

Fines (see under Wages).**Inspection : 8742.****Labour :**

Days of : 15,716.
 Holidays : 8782; 15,702-8; 15,711-3; 15,717-8.
 Hours of :
 Barmaids, of : 8706-8; 8773-4; 8780; 8791-2; 8863;
 15,694-722; 15,753; 15,772-3.
 Barmen, of : 8780; 8791-2; 8813-31; 15,753-69.
 Comparison of : 8706; 15,751-2; 15,768.
 Railway stations, at : 8732.
 Reduction of, advocated : 8780; 8788-9; 8843-4.
 Rest : 8706; 8793; 8817; 8826-7; 8830; 15,697-9;
 15,711; 15,716; 15,722; 15,761; 15,765-6.
 Statutory term of, evaded; 8742.
 Mealtimes : 8706; 8823; 15,697; 15,699; 15,708;
 15,710; 15,716; 15,722; 15,757; 15,761-2; 15,766;
 15,778.
 Sunday : 8707; 8781-2; 15,700; 15,714-5; 15,767.

Lodging of (see under Employed).**Profits (see under Employers).****Refutations :**

| | Statement. | Denial. |
|--|------------|--------------------------------|
| That there is great immorality among barmaids. | 8712 | 15,691-3 15,729; 15,745. |
| That employers would discharge their employés for giving evidence. | 8715; 8745 | 15,792-4 |
| As to the hours of barmen. | 8817 | 15,747-50; 15,770. |
| That barmaids are treated by customers. | 8757 | 15,785-7 |

B

BARMAIDS.**Remedies advocated:**

Appointment of Lady sub-Commissioners: 8703; 8705; 8713; 8722; 8734; 8758-9; 8766; 8834; 8862; 8865.
 Districts of: 8731-2.
 Duties of: 8733.
 Method of working: 8730; 8733.
 Enforcement of Shop Hours Regulation Act: 8740-2.
 Examination by lady doctors: 8733.
 Increased sanitary inspection: 8751; 8754-5.
 Public-houses, inclusion of, under the Factory and Workshop Act: 8740.
 State interference in hours: 8739-40; 8750-1; 8754; 8787; 8843-4.

Sanitation:

Satisfactory: 15,728.
 Unsatisfactory: 8709; 8863.

Trade Unionism:

Officials: 8715; 8770.
 Organisation: 15,788-90.
 Attempted: 8704; 8735-6; 8770; 8836.
 Not desired: 8842-4.
 Obstacles to: 8735-9; 8746; 8837-44.

Wages:

Comparison of: 8749; 8783.
 Fines: 8719.
 Of barmaids: 8719; 8756; 15,724-5.
 Of barmen: 8756; 8784.

Women's Labour:

Morley Home for: 8697-9.
 None in America: 8763; 15,771.
 Prohibition of, deprecated: 8764; 15,771.
 (See also under *Employed, Employment, Labour, and Wages.*)

BOOTS AND SHOE.**BOOT AND SHOE TRADE.****Witnesses:**

Employed: Freak, Charles (33,103-33,227); Green, George Edwin (14,992-15,213); Judge John (11,950-12,203; and 15,902-15,948).

Employers: Beckworth, William (15,495-15,643); Ballard, Frank (14,270-14,587); Hickson, William (15,813-15,901); Ingle, W. L. (13,930-14,150); Lilley, Thomas (33,103-33,227); Midgley, Ellis Crowther (15,644-15,682); Salter, Joseph (14,882-14,991).

Independent: Inskip, William (15,949-16,234); Wates, Benjamin Cunningham (12,522-12,665).

Districts and places referred to:

America: 13,962-3; 13,965; 14,046-9; 14,065-6; 14,072; 14,092; 14,094; 15,563; 15,664; 15,845-6.
 Arbroath (*Scotland*): 12,054; 15,959; 15,962-3.
 Australia: 15,851; 15,857.
 Austria: 15,185.
 Belfast: 15,960; 16,156-7; 16,162.
 Boston (*U.S.A.*): 13,956.
 Bradford: 12,182.
 Bramley (*Yorkshire*): 14,142; 15,923.
 Bristol: 11,960; 11,963; 12,029; 12,036; 12,044; 12,046; 12,068; 12,194; 12,203; 13,945; 13,947-9; 13,951; 15,648; 15,958; 16,078-9; 16,118-22.
 California: 33,196.
 Cape Colony: 15,857.
 Carnoustie (*Scotland*): 12,054.
 Colchester (*Essex*): 16,191.
 Cork: 15,960; 16,158; 16,163.
 Croydon (*Surrey*): 15,001.
 Daventry (*Northamptonshire*): 15,500.
 Dublin: 15,960; 15,969.
 Dundee: 12,054; 15,959.
 Edinburgh: 15,959; 15,962.
 England: 11,959; 12,008; 12,022; 12,073; 13,935; 13,952; 13,961; 13,965; 13,969; 14,048; 14,097; 14,549; 14,551; 14,900; 15,204; 15,211; 15,664; 15,846; 15,955-7; 15,972-5; 15,981; 15,997; 16,062-3; 16,173; 33,112; 33,196.
 France: 15,846.
 Germany: 15,096; 15,846; 15,857.
 Glasgow: 15,959; 15,962.
 Hanham (*Somerset*): 11,960; 12,036.
 Heckmondwike (*Yorkshire*): 12,042.
 Higham Ferrers (*Northamptonshire*): 15,958.

Districts and places referred to—continued.

Ireland: 15,955-7; 15,960; 15,964; 15,968-70; 15,972-5; 16,151; 16,155; 16,159; 16,173.
 Kettering: 12,203; 13,961; 14,270; 14,376; 14,409; 14,484; 14,489; 14,544-5; 14,563; 14,944; 15,005; 15,958; 16,217.
 Kilmarnock (*Scotland*): 12,074; 15,959.
 Kingswood (*Somerset*): 11,960; 12,036; 13,945; 13,949; 14,071-2; 15,647-8; 15,650; 15,652; 15,665; 16,230.
 Knighton (*Leicestershire*): 16,092; 16,226.
 Leeds: 11,950; 11,963; 11,983; 12,002; 12,022; 12,042-55; 12,069; 12,078; 12,083; 12,098; 12,110-6; 12,122; 12,135-8; 12,167; 12,199; 13,930-4; 13,945-51; 13,958-68; 13,973-5; 13,995-6; 14,005; 14,019-20; 14,069; 14,072-9; 14,083-4; 14,097-8; 14,143-50; 14,883-918; 14,931-2; 14,940; 14,969; 15,005; 15,498-500; 15,524-5; 15,542; 15,555; 15,562-3; 15,644-9; 15,652-73; 15,833; 15,902-3; 15,923-33; 15,945; 15,958; 15,997; 16,067-71; 16,124; 16,186-7; 33,112.
 Leicester: 11,959; 12,000-5; 12,022; 12,036; 12,042; 12,075-6; 12,139; 12,186; 12,194; 12,202; 12,525-31; 12,619; 13,961; 14,105; 14,374-5; 14,438-42; 14,500; 14,546; 14,564; 15,005; 15,014; 15,499-500; 15,524-6; 15,833; 15,949-58; 15,999; 16,003-22; 16,038; 16,084-8; 16,100; 16,113-22; 16,144; 16,185; 16,205; 16,213-30; 33,114; 33,168.
 London: 12,022; 12,068; 12,190-2; 12,203; 13,969; 14,059; 14,443-4; 15,001-15; 15,072; 15,089-99; 15,105-16; 15,149; 15,195; 15,820-30; 15,852-5; 15,863-8; 15,892; 15,958; 15,997; 16,003; 16,022; 16,038; 33,104-20; 33,142; 33,154; 33,170; 33,185; 33,196-7; 33,202-10.
 Lynn (*U.S.A.*): 13,955-6.
 Manchester: 15,989-97; 16,091-6; 16,135; 16,145.
 Maybole (*Scotland*): 12,055-7; 15,987.
 Northampton: 12,000; 12,036; 12,068-76; 12,160; 12,191; 12,201; 13,961; 14,318; 14,364; 14,445; 15,005; 15,014; 15,500; 15,813-23; 15,832; 15,852; 15,893; 15,958; 16,119; 16,186; 16,230.
 Northamptonshire: 12,004; 12,024.
 Norwich: 15,958; 15,987.
 Paris: 15,210.
 Poland: 15,096.
 Poulton (*Somerset*): 12,036.
 Pudsey (*Yorkshire*): 14,883.
 Raunds (*Northamptonshire*): 16,074.
 Russia: 14,097.
 Scotland: 12,008; 12,054; 15,955; 15,957; 15,959; 15,961; 15,972; 15,987; 16,060; 16,062; 16,064.
 Stafford: 15,958; 16,067; 16,071; 33,139.

Districts and places referred to—continued.

St. Albans (*Hertfordshire*): 15,001.
 Switzerland: 15,185.
 United Kingdom: 15,000; 15,956.
 United States of America: 13,952-5; 13,965; 15,550.
 Wellingborough (*Northamptonshire*): 13,961.
 West Indies: 15,850.

Acts of Parliament:

Conspiracy and Protection of Property Act: 12,119-20; 16,837; 16,056; 16,058; 16,180.
 Employers Liability Act: 16,065.
 Factory and Workshop Act: 11,992-3; 11,997; 12,618; 14,980; 15,164; 16,004-5; 16,011; 16,026; 16,037-8; 33,226.
 Master and Servant Act: 15,067.
 Police Act: 12,123-4; 12,130.
 Provident Societies Act: 14,508-9.
 Truck Amendment Act: 12,029; 12,032-3; 12,081.

Apprenticeship:

Apprentices:
 Number of: 14,885; 15,139.
 Wages of: 14,938.
 Duration of: 15,138-9.
 No system of: 12,112; 15,046; 16,165.
 Effect of: 12,113-5.

Arbitration and Conciliation:

Advocated: 12,058-9; 12,062-4; 15,896; 16,077.
 Arbitration:
 Accepted: 33,150; 33,160.
 Advocated: 15,128-32; 15,152; 15,169-75; 33,124; 33,130-4.
 Compulsory, deprecated: 12,060-1; 16,077.
 Eight hours' day, and: 15,172-5.
 Refused: 15,151; 33,135-44; 33,147; 33,158.
 Arbitrators advocated: 33,168.
 Awards of:
 Accepted: 15,585.
 Enforcement of, legal, advocated: 33,167-84; 33,206-24.
 Issued: 16,077; 16,079-80.
 Repudiated: 12,050-2; 33,126.
 Boards of:
 Leeds: 12,050.
 Broken up: 12,050-3; 12,144.
 Chamber of Commerce, in connexion with:
 12,050; 12,078; 13,996; 14,941; 14,986-91;
 15,496; 15,565-73; 15,580-5; 15,588-90; 15,637-40; 15,945-8.
 Leicester: 12,022; 12,202; 12,524; 12,624-33;
 12,665; 16,108-10.
 London: 12,203; 15,820-31; 15,853; 15,857-62;
 15,877-8; 15,884-91; 15,893-5; 15,898-901;
 33,104; 33,116-8; 33,165-7.
 Arbitrators appointed by: 15,822; 15,857;
 15,877; 15,879-81; 15,897; 33,167.
 Umpire appointed by: 15,823; 15,877.
 Northampton: 12,201; 15,815-7; 15,819-21;
 15,832; 15,853; 15,893.
 Registration of, advocated: 33,163.
 Separate industries, for: 12,627; 12,629-30; 12,654-8;
 12,665; 15,570.
 Advocated: 12,078-9; 15,570a; 16,077.
 Conciliation, compulsory deprecated: 15,575a.
 Employers, attitude of, to: 33,124; 33,130-4; 33,144-50;
 33,158; 33,160; 33,185-6.
 Failure of: 33,127.
 Joint Committees:
 Advocated: 14,006; 14,083; 14,105-6; 15,675-6.
 Leeds, at: 12,141-6; 12,164-6; 14,006; 14,084;
 14,107-13; 14,132; 14,926-9.

Arbitration and Conciliation—continued.

Employed, withdrawal of, from: 12,142; 12,161-3;
 13,997-9; 14,085-91; 14,114-9; 14,930.
 Reconstruction of, desirability of: 12,167-9;
 14,939; 15,929-38.
 Mediation advocated: 15,576-8.
 Strikes and disputes, settlement of, by: 15,571; 15,577-8;
 15,588-90; 15,815-8; 16,077-80; 16,082.
 Trade Unionism and: 15,128-32; 15,151-2; 33,116-8;
 33,135-44; 33,147-50; 33,158; 33,186-8.
 Umpire, advocated: 33,168.
 Case referred to: 16,077-80.

Associations:*Of Employed:*

National Union of Boot and Shoe Operatives:
 Leeds branch of: 11,950-2; 11,962-6; 11,985;
 12,016; 12,046; 12,056-7; 12,080; 12,100;
 12,132-9; 12,153-6; 12,167; 13,945; 13,973;
 13,987; 14,028; 14,075; 14,905; 15,902; 15,915.
 Leicester branch of: 12,623; 15,950-6; 15,979-88;
 16,020-1; 16,063; 16,079; 16,086; 16,125;
 16,160-3; 16,187; 16,215-6; 16,225; 16,230-1.
 London branch of: 15,820-2; 15,855-7; 15,878;
 15,892-5; 33,114-9; 33,125; 33,130-5; 33,147;
 33,154-8; 33,168; 33,224.
 National Union of Boot Clickers: 14,992; 15,001-9;
 15,082; 15,106-9; 15,115-6; 15,140; 15,198.

Of Employers:

Employers' Federated Union: 12,621.
 Leather Trade Association: 15,549; 15,857.
 Boot Manufacturers' Association:
 Leeds branch of: 13,930-2; 13,975; 14,034;
 14,081-90; 14,108; 14,894-7; 15,549; 15,644-7;
 15,656; 15,665-70; 15,923-6.
 Leicester branch of: 16,077-9.
 London branch of: 15,087-9; 15,106; 15,130;
 15,198; 15,820; 15,857; 15,878; 33,104-9;
 33,116-9; 33,126; 33,135; 33,144-58; 33,167-8;
 33,224.

Black Listing: 15,085-91.**Boy Labour:**

Advocated: 14,961.
 Alien: 15,092; 15,094.
 Boys:
 Number of: 12,113-5; 13,987; 14,913; 14,920;
 15,041; 15,046; 15,095; 15,140; 15,926; 16,125;
 16,164; 16,178; 16,200-3.
 Reduction of: 13,987; 15,140; 16,178; 16,200.
 Wages of: 12,113; 15,139; 15,657.
 Deprecated: 15,041; 16,125; 16,164.
 Nature of: 15,139; 15,657; 15,917.

Capital: 12,001; 15,057; 15,852; 16,106; 33,109.

Kettering Co-operative Society, in the: 14,276; 14,307-9;
 14,320-3; 14,331-6; 14,358; 14,393-7; 14,417;
 14,445-57; 14,475-6; 14,512-5; 14,524-9; 14,553-5;
 14,569; 14,944-5.
 Leicester Co-operative Society, in the: 16,086;
 16,127-33.

Child Labour and Half-Time System:

Advocated: 14,961.
 Half-time system: 12,618.

Commissions:

Sweating: 14,102-3; 15,883; 15,998; 16,003; 33,114.

Competition:

American: 13,969-72; 14,046-66; 14,073; 14,092-6;
 14,921-5; 15,563; 15,661-4; 15,845-50.
 Foreign: 15,096; 15,185; 15,188-95; 16,032; 16,077;
 33,196.
 Home: 11,961; 13,947; 14,072; 14,312; 14,419;
 14,496; 14,946; 14,964; 14,967; 15,032-3; 15,651;
 15,665; 15,955; 15,971; 15,987; 16,067; 16,146;
 16,151.

BOOTS AND SHOES.

Conferences: 15,128; 15,131; 16,201; 16,218; 33,155; 33,158.

Congresses:

Trades: 15,950; 16,004; 16,064.

Co-operation:

Advocated: 12,106-7; 14,474-6; 14,481; 14,534-5; 16,086; 16,138-42.

Applicability of, to ordinary business: 14,455; 14,463-72; 14,558-62; 14,581-4; 16,137-9.

Difficulties in the way of: 14,944-6.

Failure of: 12,191; 14,440; 14,445-8; 14,524; 14,932.

Societies, individual:

Bristol: 12,194.

Co-operative Wholesale

England: 12,042-3; 12,183-5.

Scotland: 12,183; 14,540.

Kettering Co-operative Boot and Shoe Manufacturers' Society: 14,270.

Advantages of: 14,388-9; 14,435-6; 14,455; 14,479-81.

Competition of, with other firms: 14,312.

Constitution and management of: 14,271-6; 14,446.

Customers of: 14,310-1; 14,313-8; 14,368-70; 14,437; 14,492-5.

Profits, share of, in: 14,356-61; 14,533.

Directors of: 14,290-2; 14,461; 14,537-9.

Payment of: 14,298-301.

Entrance fee to: 14,392; 14,513.

Factory belonging to: 14,482; 14,542-3; 14,572-5.

Work in, preferable; 14,484-7.

Financial position of: 14,416-21.

Capital of: 14,307-9; 14,331; 14,395-7; 14,512.

Investment of: 14,336-7.

Depreciation, allowance for: 14,338-40; 14,570-5.

Dividends and interest paid by: 14,322-8; 14,331-2; 14,358; 14,512; 14,565-9.

Profits of: 14,319-21; 14,529-31.

Shares in: 14,277-8; 14,280-3; 14,393; 14,397-400a; 14,449-50; 14,477; 14,509-11; 14,514-7.

Shareholders in: 14,278-83; 14,293; 14,393-4; 14,411-2; 14,450-2; 14,473.

Funds of:

Educational: 14,341-4; 14,358; 14,532-3; 14,566; 14,569.

Provident: 14,345-51; 14,353; 14,358; 14,566; 14,569.

Reserve: 14,333-5; 14,352.

Special service: 14,354; 14,568.

Goods produced, nature of: 14,371-3; 14,376.

Hours worked by: 14,403-8.

Machinery used by: 14,504-7.

Officials of: 14,284-9.

Payment of: 14,302-6; 14,355; 14,380.

Outwork in connection with: 14,295-7; 14,483-4; 14,488-9.

Prices charged by: 14,362-7.

Raw material, purchase of, by: 14,377-8.

Registration of: 14,508.

Stock-in-trade of: 14,576-7.

Trade of, increasing: 14,413-4; 14,518-23.

Travellers employed by: 14,422-34; 14,578.

Wages paid by: 14,294; 14,329; 14,401; 14,579-80.

Bonus on: 14,328-31; 14,394; 14,580.

Women employed by: 14,410; 14,488-91.

Co-operation—continued.**Kettering:**

Workmen employed by: 14,381-91; 14,409.

Number of: 14,279; 14,478.

Responsibility of: 14,455-61; 14,553-7.

Trades Unions, as members of: 14,501-3.

Kettering General Co-operative Society: 14,544-5.

Leeds: 14,932.

Leicester Co-operative Boot and Shoe Society: 12,186-9; 12,194; 14,441-2; 14,564; 16,086; 16,213-4; 16,216.

Advantages of: 16,215.

Constitution and management of: 14,546-50; 16,086.

Customers of: 14,438-9; 16,086; 16,205-10.

Dividend and interest paid by: 16,086; 16,127-33.

Factory belonging to: 15,999-16,000.

Fund of, special service: 16,086; 16,143-4.

Goods produced by, nature of: 14,374-5.

Trade of, increasing: 16,134; 16,211-2.

Wages paid by: 16,086; 16,144.

Workmen employed by: 14,551-2; 16,086.

London: 12,192-3.

Manchester Wholesale Co-operative Society: 16,086-98; 16,135-6; 16,145-6; 16,219-29.

Northampton: 12,191; 14,445.

Trade of: 12,043; 14,945.

Trades Union funds, investment of, in, prohibited: 14,525-8; 14,585-7.

Wages paid by: 12,195-8.

Bonus on: 12,195.

Trade unionism and: 12,106; 16,086; 16,215-6.

Councils:

Leeds Chamber of Commerce: 13,996; 14,940; 15,495; 15,946.

Trades Council: 15,096; 15,946-7.

Eight Hours' Day:**Legal:**

Advocated: 15,050; 15,062; 15,066; 15,118-21; 15,141-50; 15,153-63; 15,175-97; 15,201.

Deprecated: 16,032.

Enforcement of: 15,148-9; 15,163; 15,167; 15,176-8; 16,034.

International: 15,190-1.

Objections to: 15,147; 15,154; 16,032-5.

Presumed effects on:

Foreign competition: 15,188-95; 16,032.

Production: 15,186-7.

Unemployed: 15,118-20; 15,145; 15,149; 15,153.

Wages: 15,123.

Trade option: 15,145; 15,148; 16,032; 16,035.

Voluntary: 15,172; 16,032-5.

Employed:

Character and steadiness of: 14,389-91; 14,435; 15,873-6; 16,003; 16,028-9.

Classification of: 11,984; 12,038-40; 12,110; 12,138; 13,933; 14,885; 14,992; 15,005; 15,008; 15,041; 15,114; 15,665; 15,668-70; 15,855; 15,923; 15,926; 16,017.

Comparison of: 13,970.

Health of: 16,004.

Incompetency of: 14,913; 14,955; 15,041-4; 15,134; 15,857.

Migration of: 12,084; 15,997.

Number of: 11,966; 12,098; 12,138; 13,932; 13,991; 14,279; 14,478; 14,884-5; 15,001; 15,014; 15,115; 15,507; 15,814; 16,003; 16,055; 16,094.

Employed—continued.

Officials: 12,057; 12,094; 13,945; 13,975; 15,082; 15,085; 15,895; 15,953-5; 16,003; 16,099; 16,125; 16,147-50; 16,180; 16,184-5; 16,190-2; 16,195-8; 16,230-1.

Relations with employers: 12,057; 12,093-7; 12,107-9; 14,020; 14,079-82; 14,381-7; 14,474-6; 14,481; 14,551-2; 14,917; 14,942; 15,104-11; 15,126; 15,198; 15,668; 15,852; 15,937-8; 16,183; 16,215; 33,189.

Unionists and non-unionists: 12,110-1; 12,135; 13,960; 13,975; 13,989; 14,016-7; 14,076-7; 15,657; 15,665.

Employers:

Attitude of, towards unions: 12,057; 15,106-11; 15,198; 16,099-107; 16,147-50; 16,160-4; 16,184-99; 16,225; 16,230-32.

Black list, use of, by: 15,085-91.

Chamber masters and small employers: 15,010-4; 15,027-37; 15,061; 15,072; 15,099-100; 15,102; 15,198; 15,857.

Companies and firms:

Belfast: Burneys: 16,162.

Cork: Dwyer Brothers: 16,163.

Dublin: Winstanleys: 15,969; 16,155.

Leeds:

Blackburn: 15,665; 15,923; 15,926.

Bromily and Haigh: 15,665; 15,923; 15,926.

Dickenson Brothers: 15,665; 15,923; 15,926.

Gray and Co.: 13,995; 14,145-7; 15,665; 15,923; 15,926.

Ingle and Sons: 15,665; 15,923; 15,926.

Johnson Brothers: 15,665; 15,923; 15,926.

Midgley and Sons: 14,021-5; 14,149; 15,665; 15,923-6.

Stead and Simpson: 15,498-500.

Tomlin and Co.: 13,987; 14,138-44; 14,914-5; 16,125.

Walker and Sons: 13,960; 13,988; 14,076; 14,120; 14,125; 14,128; 14,131; 14,138; 14,147; 14,909; 14,913; 14,917; 14,950; 14,953-5; 14,959; 14,965; 15,654; 15,657; 15,665; 15,670; 15,903; 15,916; 15,923; 16,125.

Wardle and Sons: 15,665; 15,923; 15,926.

Whitaker: 15,665; 15,923; 15,926.

Leicester: Stead and Simpson: 15,499-500; 16,227.

London: 13,969; 14,059; 15,010-15.

Rabbits: 15,016-7; 15,027.

Northampton:

Hickson and Sons: 15,813; 15,857.

Turner Brothers, Hyde and Co.: 15,014.

Stafford: Elley Brothers: 16,067.

Profits and losses of: 13,995; 15,043; 15,121.

Employment:**Conditions of (generally):**

Charge for room and gas: 12,018-22; 33,112.

Abolition of, advocated: 12,022; 15,988.

Test case, *re*: 12,029-35; 12,081.

Districts, in different: 15,955.

"Grindery," purchase of, by employed: 12,008-16; 12,023-5; 12,086-8.

Abolition of, advocated: 12,016-7; 12,082-3; 15,988.

Considered: 12,026-8; 12,089.

Prices paid for: 12,012-3; 12,082-3; 12,090-2.

Reduction in, effected: 12,083; 12,085.

Reasons of: 12,026; 12,028; 12,084.

Obtaining, unequal contracts: 15,067-70.

Sanitary:

Defective: 16,004.

Factories, in, compared with home workshops: 11,987; 11,998-9; 15,998-16,000.

Defective: 11,999.

Finishers, of: 14,982-5.

"Cutting out": 14,995-9; 15,018; 15,039-40.

Employment—continued.

Early closing of shops, compulsory, advocated: 33,224-7.

Factory system: 11,984; 14,979.

Effects of, good: 16,028-30.

Extension of: 12,155; 16,024.

Advocated: 11,985; 12,156; 15,988; 16,002; 33,154.

Resolution *re*: 15,883.

Workshops, compulsory, advocated: 16,037-47.

Government contracts: 16,067-9.

Resolution *re*: 16,072.

Breach of: 16,070-6.

Home workshops: 11,984.

Decrease of: 12,022; 12,155; 12,157-8.

Advocated: 11,986-7; 12,156.

Effects of, good: 11,989-91.

Effects of, ill: 16,028-9.

Apprenticeship, on: 16,166.

Wages, on: 11,989-91.

Overcrowding of: 11,988.

Irregularity of: 12,041; 12,159; 16,032.

Export trade, good effects of, on: 12,160.

Nature of: 11,970-1; 13,950.

Skilled: 14,997; 15,038-40; 15,136-8; 16,170-1.

Subdivision of: 12,037-40; 15,955; 16,025; 16,171-2.

Sweating system: 15,989; 15,998; 33,114; 33,189.

Abolition of, advocated: 15,988.

Attempted: 15,883; 16,003.

Committee, Lord Dunraven's, on: 15,883; 15,998; 16,003.

Decrease of: 16,003; 33,169.

Remedy for, suggested: 33,189-99.

Various districts, in:**Bristol, in:**

Conditions of: 11,963; 13,945; 13,949-51; 14,072; 15,665.

Home workshops: 13,949-51; 15,649-51; 15,665.

Leeds, in:

Conditions of, comparison of sanitary: 12,001; 15,524-6.

Satisfactory: 14,981.

Factory system, increase of: 16,003.

Home workshops: 15,926.

Irregularity of: 12,110; 12,135; 12,137; 12,149; 12,153-4.

Cause of: 12,153-4; 12,159.

Regularity of: 14,933-5.

Sweating system: 13,934-7; 14,069; 14,099-102.

Leicester, in:

Conditions of, comparison of: 15,524-6.

Sanitary, satisfactory: 12,001.

Factory system, increase of: 16,003; 16,018-22; 16,038.

Home workshops: 16,019-20.

Irregularity of: 12,042.

London, in:

Conditions of, unsatisfactory sanitary: 15,071-3; 15,075-6; 33,196.

Factory system, increase of: 16,003; 16,022; 16,038.

Irregularity of, remedy for, considered: 15,053-60.

Northampton, in: conditions of, unsatisfactory sanitary: 12,001.

Fines (see under *Wages*).**Foreign Labour:**

Cause of immigration of: 14,097; 15,204-5; 16,855; 33,196.

BOOTS AND
SHOES.**Foreign Labour—continued.**

Conditions of: 11,996; 13,934-8; 15,035; 15,096;
15,100-1; 15,103; 15,134; 15,205; 15,544; 15,989;
15,996; 33,196.

Days of: 15,027-9; 15,037.

Effect of: 15,095; 15,134; 15,545-7; 15,993-7; 33,196;
33,203-4.

Employed: 11,994; 12,116-8; 13,934-7; 14,097;
15,031; 15,092-6; 15,205; 15,542; 15,855-7; 33,196.

Employers, foreign: 15,027-37; 15,098; 15,140;
15,198; 15,206-8; 16,003; 33,196.

Hours of: 11,994-5; 13,937; 15,030; 15,033; 15,096;
15,154; 15,179; 15,542; 15,996; 16,003; 33,203.

Lodging and accommodation of: 13,937; 15,096;
15,205; 15,989; 33,196.

Restriction of:

Advocated: 14,097-8; 15,096; 15,201; 15,204;
16,037; 16,053-5; 33,196.

Wages of: 12,117-8; 13,935-7; 14,099; 15,028-9;
15,032; 15,097; 15,989; 15,996; 33,203.

Friendly Societies and Relief Funds:

Benefits:

Dispute: 15,955; 16,004.

Distress: 15,955.

Funeral: 15,955; 15,988.

Sick: 15,955; 15,988.

Travelling: 15,955.

Half-Time System (see under Child Labour).**Inspection:**

Advocated: 14,102.

Inefficient: 15,199; 16,004.

Inspectors:

Comparison of Government and local: 16,007-9;
16,012.

Complaints made to: 15,078-85; 16,007.

Duties of: 16,013-5.

Increase of, advocated: 15,200-1; 16,004; 16,028-9;
33,200.

Inefficient: 15,074-6; 15,200.

Local, objected to: 16,007-10.

Visits of: 15,076-7; 16,048.

Working men as: 15,200; 16,050-2.

Joint Committees (see under Arbitration).**Labour:**

Days of: 15,028; 15,037.

Early closing, advocated: 33,224-7.

Hours of:

Kettering, in: 14,403.

Leeds, in: 11,981-2; 14,888-91; 15,670; 15,923;
15,926.

Leicester, in: 12,618; 16,016-7; 16,026-7; 16,086;
16,177.

London, in: 15,030; 15,034; 15,123.

Overtime: 12,152-3; 12,618; 15,060-1; 15,123;
15,199.

Abolition of, advocated: 15,048-9; 15,062-3; 15,066.

Seasonal: 2,036; 12,084; 12,153; 15,052-4; 16,032.

Machinery:

American labour-saving: 13,952-74; 14,094; 14,138;
14,145; 14,892-4; 14,904; 14,947; 14,960; 14,964-5;
15,651-2; 15,661.

Deprecated: 15,648.

Introduction of: 13,957-62; 13,937; 13,988-95;
14,007-13; 14,075; 14,138; 14,144-8; 14,504-6;
14,900-2; 14,910; 14,948-53; 14,966; 14,971-4;
15,656-9; 15,840; 15,902-15; 16,123.

Opposition to: 13,971-4; 13,994-5; 14,026-7;
14,124-5; 14,506-7; 14,898-9; 14,905-8; 14,916-7;
14,950; 14,955; 14,968; 14,971-4; 15,038; 15,562;
15,665; 15,833-5; 15,854; 15,913; 15,918;
16,111-4; 16,123.

Machinery—continued.

Comparison of with manual labour: 15,671; 15,842.

Effect of: 11,977-80; 12,037; 13,964; 13,969; 13,987;
13,992-5; 14,075; 14,123; 15,835-9; 15,919;
16,116-21.

Material worked: 12,012; 13,950.

Method of working: 12,038-40; 14,029-33; 14,038;
14,128-30; 14,147; 14,961; 14,998; 15,657-8.

Overtime (see under Labour).**Picketing and Intimidation:**

Amendment of Laws on, advocated: 12,119-30;
12,179; 16,037; 16,056-7; 16,180.

Amount of: 12,132.

Blocking: 15,656-7.

Boycotting: 15,106-7.

Fines for: 12,121-5.

Legal decisions on: 12,120-2; 12,133-4; 12,170-6;
13,976-84; 14,003-5; 14,118-9; 16,058.

Nature of: 12,122; 12,181-2; 14,001-2; 14,040-44;
16,058.

Reasons for: 12,122; 13,975; 14,039.

Production:

Boots and shoes:

American: 14,065-6.

Comparison of: 14,057-8; 14,062-3; 15,850.

Importation of: 13,969; 14,059-61; 14,092-4.

Considered: 14,921-5; 15,563-4; 15,661-2;
15,844-7.

Increase of: 14,095-6.

Prices of: 14,064; 14,067-8.

Class of, cheap: 12,154; 15,857; 15,992-3.

Exported: 12,074; 15,856-7.

Better: 12,154.

Foreign, importation of: 15,185; 15,857.

Cost of:

America, in: 13,962-3; 14,046-8; 15,056.

Comparison of: 15,663-4.

Machinery, effects of, on: 13,973-4; 14,030-1;
14,038; 14,950; 14,961-4; 15,841.

Registration and inspection, effects of, on, con-
sidered: 33,200-2.

Demand and supply: 15,054-9; 15,843.

Labour-saving machinery, effect of, on: 15,665.

Output per man: 13,960; 14,010-5; 15,023-6; 15,657;
15,874-6.

Leather, class of, used: 12,070-4.

Importation of American: 13,965-8; 15,550-7;
15,848.

Prices, selling: 14,049-55; 14,070-1.

America, in: 14,049.

Subdivision of labour, effect of, on: 15,955.

Trade:

"Bespoke": 16,023-5.

Centres of: 12,075.

Export: 15,850-1; 15,857; 15,864; 15,966.

Machinery, effect of, on: 15,843-4.

Scotland, from: 15,963.

Increase in: 12,065-6.

Extension of, to new districts: 12,067.

Season: 12,041; 16,032.

Various districts, in:

Bristol, in:

Cost of, compared with Leeds: 13,945-51;
15,651-2.

Goods, class of: 11,960; 11,963-5.

Trade, export: 12,068.

Season, 12,036.

Production—continued.

Ireland, in:

Goods, comparison of: 16,173.
Home consumption of: 15,965.
Materials, preparation of, in: 15,974-6.
Trade, export, none: 15,964; 15,967; 16,151-4.
Wholesale, small: 15,969-71.

Leeds, in:

Cost of: 13,960; 13,962-3; 14,069.
Compared with Bristol: 13,945-51; 15,651-2.
Goods, class of: 11,957-8; 12,036; 13,940-2; 14,969-70; 14,973; 15,542-3; 15,558.
Home consumption of, mainly: 11,956; 12,069.
Trade: 11,954; 15,507.
Development of, slow: 12,003-5.
Export: 11,955; 15,559-61.
Increasing, not: 13,945.
Origin of: 12,002.
Season: 12,153.
Slipper, deterioration of: 13,937-44; 15,542.

Leicester, in:

Goods, class of: 11,959; 12,036; 12,042; 12,075.
Trade, development of, rapid: 12,004; 12,533.
Importance of: 12,156; 12,530; 12,169.
Origin of: 12,076; 12,531-2.
Season: 12,036.

London, in:

Goods, class of: 15,015.
Trade, export: 12,068; 15,013.
Season: 15,052-3.

Manchester, in: Goods, class of: 15,991.

Northampton, in:

Goods, class of: 12,075.
Trade, development of, rapid: 12,004.
Export: 12,068.
Season: 12,036.

Profits (see under Employers).**Profit Sharing:**

Deprecated: 12,098-104; 14,021; 14,944-5.
Effected: 14,021-5; 14,149; 15,677-80.
Kettering Co-operative Society, in the: 14,271-2; 14,298-300; 14,302; 14,319-31; 14,356-67; 14,379-80; 14,393; 14,445-68; 14,473-5; 14,511-5; 14,529-30; 14,533; 14,558-68; 14,944-5.
Leicester Co-operative Society, in the: 16,086; 16,115; 16,127; 16,131-2; 16,144.
Manchester Co-operative Society, in the: 16,097; 16,135; 16,220; 16,228.
Objections to: 12,107.
See also under *Co-operation*.

Refutations:

| | Statement. | Denial. |
|---|---------------------|---------------------|
| Arbitration: | | |
| That the Leicester Board was formed by Mr. Inskip: | 16,109-10 | 33,116 |
| Intimidation: | | |
| That intimidation was practised against Mr. Andrews: | 14,001-2 | 15,940 |
| That Mr. Ingle discussed the matter with Mr. Judge: | 14,111 | 15,941 |
| That Mr. Green was blacklisted: | 15,086-7 | 33,224 |
| Machinery: | | |
| That there was opposition to its introduction in Leeds: | 13,960 14,029-32 | 15,902-10 15,912 |

Refutations—continued.

| | Statement. | Denial. | Boots and Shoes. |
|---|----------------------|------------------|------------------|
| That eleven pairs of boots an hour could be produced in Leicester. | 13,960 | 15,917 | |
| Strikes: | | | |
| Cause of, in London, was deductions: | 12,022 | 33,112 33,224 | |
| That the Union recognised the strike in Leeds: | 13,960 | 16,125 | |
| Cause of, in Leeds, was boy labour: | 14,920 | 15,665 | |
| Cause of, in Leeds, was the introduction of machinery: | 15,665 | 15,916 | |
| Sweating system: | | | |
| That the Union in Leicester obtained a guarantee for the provision of workshops and regulation of sweating: | 16,003 16,021 | 33,114 | |
| Trade Unionism: | | | |
| That employers object to dealing with Union officials: | 16,099-102 16,164 | 33,114-6 | |
| Wages: | | | |
| Average rate of, in Leeds: | 13,933 | 15,921 | |

Remedies advocated:

Aggregation of workers in workshops: 16,004; 16,037-43.
Amendment of Conspiracy and Protection of Property Act: 16,037; 16,056.
Amendment of Employers' Liability Act: 16,065.
Amendment of system of contracts: 15,069; 16,067.
Exemption of trades unions from taxation: 16,059-64.
Increase of inspectors: 15,201; 16,037; 16,048.
Prohibition of immigration of pauper aliens: 15,096; 15,201; 16,037; 16,053.
Registration of workshops: 33,189-97.
Strikes: 15,152a.
Taxation of foreign labour: 14,098.
Working men as magistrates: 16,182.

Sanitation:

Lighting: 11,999; 16,004.
Overcrowding: 11,987-8.
Satisfactory: 11,998; 12,618; 14,543; 14,981; 15,998; 16,001; 16,003; 16,011-2.
Unsatisfactory: 11,999; 12,001; 14,100; 15,071-6; 16,004.
Ventilation: 11,998; 12,618; 16,001.

Strikes, Lock-outs, and Disputes:

Causes of:

Boy labour: 14,913-4; 14,920; 15,140; 15,665.
Deductions: 12,022; 33,112.
Differences in material: 12,094; 14,020.
Machinery, introduction of: 12,076-7; 13,980; 13,987; 14,913-4; 14,920; 15,656; 15,665; 15,916.
Wages: 12,050; 12,054-6; 12,618; 14,926; 15,857; 15,886; 15,955; 16,079-80; 33,119.
General: 12,022; 12,044-8; 12,054-7; 12,618; 12,620-1; 13,960; 13,986; 14,912; 14,926; 15,575; 15,815; 15,857; 16,078-9; 33,119-23; 33,160.
Local: 12,048; 12,050; 12,076; 12,094-5; 12,132; 13,987; 14,018-20; 14,536; 15,140; 15,654; 15,665; 15,886; 16,191.
Methods of settlement: 12,057; 12,679; 12,094-7; 12,146; 12,167-8; 12,621; 14,926-7; 15,132; 15,818; 15,889-91; 15,955; 33,124.
Results of: 12,054; 12,057; 12,095; 12,618; 14,913-5; 15,140; 15,815-6; 15,893; 16,079; 33,124-6; 33,160.

**BOOTS AND
SHOES.****Sweating System:**

Abolition of: 15,998; 16,003; 33,117; 33,189; 33,196.
Amount of: 14,069.
Growth of: 15,989.
Middlemen: 15,989; 16,003; 16,077; 33,196.
Wages under: 15,989-90; 16,003.

Trade Unionism:

Apprenticeship and boy labour, attitude of, *re*:
15,046-7; 15,140; 16,125; 16,167-71; 16,178;
16,200.
Arbitration, deprecated by: 15,945-8.
London Board of, and: 33,116-67.
Conciliation, Leeds Board of:
Formation of, assisted by: 15,566-9; 15,820-2;
15,878; 15,893-5; 16,126.
Loyalty of, to: 15,893-5.
Co-operative stores:
Aided by: 16,215-6.
Funds of, investment of, in: 14,526-8; 14,585-7.
Members of: 14,501-3; 14,537; 16,085.
Trades Union Act, amendment of, *re*, advocated
14,528.
Districts of: 15,957-60.
Employers: 14,082-3.
Officials of courteously treated by: 16,099-102;
16,159-64; 33,143-9.
Interference of, deprecated by: 12,057; 13,975;
16,099; 16,148-9; 16,184-99; 16,230-3.
"Shop presidents," dismissed by: 15,106.
"Spotted" by: 15,085-91; 33,224.
Opposition of, to: 15,106-9; 15,198; 16,099;
16,159-64; 33,119.
Relations with, improvement in: 16,100-7; 16,185-
6; 16,230-3; 33,189.
Federation of: 12,138-40.
Formation of: 15,008; 15,082; 15,548.
Labour-saving machinery:
Not objected to by: 14,898-9; 14,905-8; 14,916;
15,903-18; 16,123-4.
Opposed by: 15,957-60; 13,973-4; 13,987-95;
14,026-33; 14,075-8; 14,913-22; 14,955-8.
Rules, *re*: 13,987-94.
Effect of: 13,957-9; 13,995; 14,145.
Members of: 11,966-7; 12,110-1; 12,138; 15,001-5;
15,115-7; 15,977-85.
Efforts to obtain: 15,100-1.
Non-unionists and, proportion of: 12,110-1;
12,135-7.
Refusal to work together: 13,975; 14,016-7;
14,120-44.
Women and foreigners as: 15,855; 15,979-85.
Inspection, increased, advocated by: 15,082-5;
16,037; 33,196.
Objects of: 15,988; 16,037; 16,077.
"Common employment," doctrine of, abolition of:
16,065.
Contracts, one-sided, abolition of: 15,067-70.
Co-operation, establishment of: 12,106; 16,086.
Eight hours' day, establishment of legal (see
Eight hours day).
Fines, abolition of: 12,080-1.
Foreign labour and sweating system, restriction of:
15,898; 16,004; 16,037; 16,053-5; 33,196.
Homework, abolition of: 15,155-8; 16,019-22.

Trade Unionism—continued.

Hours, restriction of: 15,048-52; 15,118-24;
15,141-73.
Overtime, limitation of: 15,153; 15,048-66;
15,123.
Wages, increase in: 15,030-1.
Officials of: 16,230-3.
Settlement of disputes by: 12,094-7; 14,017-9;
14,927-8; 15,954.
Picketing and intimidation:
Conviction of members for: 12,120-2; 12,170-82.
Judge and Andrews, case of; 12,120-3; 13,975-85;
13,996-14,005; 14,039-45; 14,085-9; 14,107-19;
14,928-30; 15,939-44.
Law, amendment of, *re*, advocated by, 12,119-31;
16,037, 16,056-8.
Practised by: 12,123-4.
Profit-sharing and: 12,100-9.
Strikes, cost of, to: 15,955.
Taxation, exemption of unions from, advocated by:
16,059-64.
Wages, agreement *re*, with: 15,857; 15,901.
Increase in, obtained by: 12,054-7; 13,949.
Women, difficulty in organising: 11,968; 12,110;
15,548; 15,985.
Workshops, improvement in, desired by: 16,037.
Registration of, advocated by: 33,196-6.
Unemployed: 15,060; 15,118-20.
Wages:
Bonuses: 12,195; 14,393-400a; 14,452; 14,515-6;
14,580; 14,945; 15,679-82; 16,086; 16,220-1;
16,223; 16,228.
Comparison of: 12,005-6; 13,937; 13,945-51; 13,960;
13,962; 14,099; 14,955-8; 15,032-4; 15,211; 15,525;
15,648; 15,664; 15,923-8; 15,972-3; 16,067; 16,120-
2; 16,173.
Contracts: 16,067-76.
Deductions: 12,012-17; 12,023-4; 12,028-32; 12,080-
9; 14,467.
Districts, of:
Bristol: 11,963; 16,121.
Kettering, 14,329; 14,434.
Leeds: 11,975-80; 12,005; 12,147-8; 13,933;
13,960; 14,936; 15,656; 15,665; 15,670; 15,921-7.
Leicester: 12,616; 16,086; 16,121; 16,144; 16,174-5.
London: 15,019-27; 15,123; 15,857-72.
Fines: 12,121-5; 14,042-3; 15,176-7.
Mode of fixing: 11,976-8; 11,983; 12,007; 12,141;
12,146; 12,195-8; 14,579-83; 14,886-7; 14,938;
14,943; 15,021; 15,898-901.
Overtime, payment for: 12,150-1.
State interference in, deprecated: 15,155.
Truck system: 12,008.
Uniformity of: 11,989-91; 11,994.
Women's Labour:
Comparison of, with men's labour: 15,987.
Conditions of: 14,410-2; 14,488-91; 16,179.
Nature of: 11,969-72; 13,950; 15,669.
Women:
Number of employed: 11,973-4; 14,885; 15,978;
15,981-5; 16,086.
Organisation of: 11,968; 12,110; 15,985.
Wages of: 12,616; 13,933; 14,937; 16,086.

BRUSH-MAKING.**BRUSH-MAKING.****Witnesses:**

Employed: Bune, John (9515-9539).
Independent: Beckworth, William (15,575); Marston,
William (9346).

Districts and places referred to:

Barnsley: 9528.
Bradford: 9527.
Halifax: 9527.

Districts and places referred to—continued.

Huddersfield: 9527.
 Hull: 9527.
 Leeds: 9515; 9527-8; 15,575.
 London: 9538.
 Manchester: 9523.
 Sheffield: 9528.
 Stockton-on-Tees: 9527.
 Yorkshire: 15,575.

Arbitration and Conciliation:

Arbitration: 9523-4.
 Boards of Conciliation: 9515; 9519; 9522-4; 9528-9;
 15,575.
 Advocated: 9522.
 Decisions of, accepted: 9346; 9519-21; 9529;
 15,575.
 Voluntary: 9523.
 Umpires: 9523.

Associations:

Brush-makers' Union: 9516; 9524; 9528.

Councils:

Trade: 9517.

Eight Hours' Day:

Deprecated: 9525-6.

Employed:

Classification of: 9520; 9527.
 Relations with employers: 9526; 9528.

Employers:

Attitude of, towards workmen: 9528.
 Firms: Ludbrooke: 9538.

Employment:

Classification of: 9528.
 Government contracts: 9538-9.
 Irish contracts transferred to Chatham: 16,703.

Labour:

Hours: Reduction of, effected: 9526.
 Reduction of: 9528.

Production:

Bass brooms, of: 9528; 9538.
 Hair brooms, of: 9523; 9528.
 Prices of: 9520; 9523; 9528; 9538.

Remedy advocated:

Amendment of system of Government contracts:
 9538-9.

Strikes:

Leeds: 9346; 9528; 15,575.
 Settlement of: 9523.

Wages:

For bass work: 9528; 9538.
 For hair work: 9528.
 Improvement of: 9527-8.
 Reduction of: 9528.

BUILDING TRADES.**Witnesses:**

Employed: Anderton, Thomas (19,176-263); Beveridge, James (17,610-811); Brough, J. (17,812-18,106); Burton, F. B. (32,304-376); Chandler, F. (18,107-432); Davies, G. J. (18,107-432); Dew, George (17,374-609, and 32,304-376); Emmett, Albert (19,264-414); Hogan, John (16,520-610); Jolley, John Henry (17,018-257); Kilpack, G. (21,105-188); Lynskey, Patrick (16,710-879); Macnamara, Robert Sheedy (16,880-17,017); Moore, F. (18,744-941); O'Reilly, Charles (16,235-519); Otley, Arthur (17,258-373); Phillips, W. L. (19,033-975); Simmons, James (16,235-519); Stirk, J. (19,415-567); Sunley, George (18,942-19,032); Thorne, William (24,529-25,418).

Employers: Bird, Stanley G. (31,966-32,303); Bridgman, J. Henry; (31,966-32,303); Burt, John Mowlem (31,966-32,303); Fenelon, James C. (16,611-681); Grover, John (31,966-32,303); Knox, W. (18,433-599); MacGregor, D. B. (18,600-743); Wright, Henry J. (31,966-32,303).

Independent: Beckworth, William (15,495-15,643).

Districts and places referred to:

Aberdeen: 17,628-32; 17,639; 17,726-7; 17,824.
 America: 16,285; 16,850; 18,854-8; 18,881; 18,887-8.
 Andershaw: 19,265.
 Ashton-under-Lyne (*Lancashire*): 19,264-5; 19,295.
 Anstralia: 18,887-8.
 Battersea (*Surrey*): 18,780.
 Belfast (*Antrim*): 16,427; 16,633; 16,965-6; 17,010;
 17,623; 17,661; 18,329-35; 18,338; 18,357; 19,195.
 Belgium: 16,481-3; 32,092.
 Bingley (*Yorkshire*): 18,210.
 Birmingham (*Warwickshire*): 17,319; 18,144; 18,356-9;
 18,362; 18,819.
 Blackburn (*Lancashire*): 17,358; 18,210.
 Blackpool (*Lancashire*): 18,210; 19,195.
 Bolton (*Lancashire*): 17,268; 17,286; 18,999.
 Bradford (*Yorkshire*): 16,308; 17,359; 18,210.
 Brighton (*Sussex*): 18,151; 19,048-51.
 Brixton (*Surrey*): 18,780.
 Burnley (*Lancashire*): 18,990; 19,195.

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Districts and places referred to—continued.

Buxton (*Derbyshire*): 18,210.
 Cardiff (*Glamorgan*): 19,557-8.
 Carlou: 16,611; 16,636-7; 16,669; 16,672.
 Chester: 19,009.
 Clayberry: 17,578.
 Clerkenwell (*Middlesex*): 21,144.
 Clyde: 17,681-17,804.
 Cork: 16,636; 16,880; 16,906; 16,964; 17,010; 17,018;
 17,095; 17,103.
 Denton (*Lancashire*): 19,265.
 Derby: 18,149.
 Dublin: 16,236a; 16,262-5; 16,273; 16,313-23;
 16,326; 16,333; 16,350; 16,352; 16,404-5; 16,421;
 16,435; 16,444; 16,447; 16,455-6; 16,465; 16,474-6;
 16,636; 16,711-3; 16,718; 16,734; 16,798; 16,750;
 16,761; 16,780; 16,786-7; 16,797; 16,806; 16,821;
 16,837; 16,845; 16,848; 16,875; 16,964-6; 17,010.
 Dukinfield (*Cheshire*): 19,265.
 Dumbarton: 19,195.
 Dundee (*Forfar*): 17,919; 18,041.
 Dunoon (*Argyll*): 18,679.
 Edinburgh: 17,613; 17,919.
 England: 16,278; 16,479; 16,482; 16,715; 16,997;
 17,617; 17,957-8.
 Exeter (*Devon*): 18,152.
 Forfarshire: 18,041.
 France: 16,481-3.
 Germany: 32,092.
 Glasgow: 17,613; 17,626; 17,629-32; 17,691; 17,738-43;
 17,823; 17,826-7; 17,831-3; 17,873; 17,890;
 17,911; 17,919-20; 17,930; 17,945; 17,959; 18,057;
 18,607-8; 18,640; 18,657; 18,679; 18,704; 18,735-6;
 18,845; 19,195.
 Glossop (*Derbyshire*): 18,210.
 Grays (*Essex*): 17,618.
 Greenock (*Renfrew*): 17,661.
 Halifax (*Yorkshire*): 17,361.
 Haulbowline (*Cork*): 16,929; 17,095.
 Hebburn-on-Tyne (*Durham*): 17,618.

C

BUILDING.

Districts and places referred to—continued.

Huddersfield (*Yorkshire*): 19,010.
 Hurst (*Lancashire*): 19,265.
 Hyde (*Cheshire*): 19,265.
 Ilkley (*Yorkshire*): 18,210.
 Inverness: 17,627; 17,630; 17,825; 18,436.
 Ireland: 16,435; 16,437; 16,479; 16,482; 16,635
 16,997; 17,617; 19,550-1.
 Jarrow-on-Tyne (*Durham*): 17,618.
 Jersey: 19,556.
 Keighley (*Yorkshire*): 18,210.
 Kensington, South (*Middlesex*): 18,765-9.
 Lancashire: 18,150; 18,818; 18,954; 19,556.
 Leeds (*Yorkshire*): 16,308; 18,146; 18,839; 19,195;
 19,416-8; 19,433; 19,455; 19,473; 19,491-2;
 19,562.
 Leicester: 18,147.
 Lenzie (*Dumbarton*): 18,679.
 Limerick: 16,592.
 Liverpool (*Lancashire*): 17,618; 18,143; 18,434;
 18,452; 18,465; 18,486; 18,500; 18,532; 18,536;
 18,591; 19,214-5; 19,231-7; 32,061.
 London: 16,275-7; 16,308; 16,480; 17,262; 17,268;
 17,286; 17,298; 17,300; 17,343; 17,373; 17,375;
 17,386; 17,394; 17,470; 17,618; 18,142; 18,162;
 18,190-1; 18,208; 18,299; 18,307; 18,313; 18,318;
 18,345; 18,436; 18,541; 18,748; 18,757; 18,763;
 18,776; 18,788; 18,798; 18,809; 18,818-9; 18,824;
 18,843; 18,866; 18,894; 18,918; 18,921; 19,047-53;
 19,144; 19,523; 21,113; 21,118; 21,132; 21,151-2;
 31,975; 32,061; 32,093; 32,105; 32,160; 32,255;
 32,311.
 Londonderry: 17,623.
 Manchester (*Lancashire*): 17,286; 17,302; 17,618;
 18,111-2; 18,142; 18,163; 18,180; 18,232; 18,235;
 18,396; 18,416; 18,438; 18,819; 18,943; 18,962-3;
 18,969; 18,999; 19,014; 19,298-9; 32,061.
 Mexborough (*Yorkshire*): 18,210.
 Midlands: 18,159.
 Morecambe (*Lancashire*): 18,210.
 Mossley (*Lancashire*): 19,265.
 Nelson (*Lancashire*): 19,195.
 Newcastle-on-Tyne (*Northumberland*): 16,299; 17,359;
 17,373; 17,618; 18,341; 19,195; 19,286.
 New York: 21,121-4.
 Northampton: 19,195.
 Norway: 32,094.
 Norwich: 18,309.
 Oldham (*Lancashire*): 18,999.
 Over Darwen (*Lancashire*): 18,210.
 Paris: 21,121; 21,130.
 Partick (*Lanark*): 19,195.
 Peckham (*Surrey*): 18,780.
 Penzance (*Cornwall*): 18,154; 18,436.
 Plymouth (*Devon*): 18,153.
 Preston (*Lancashire*): 18,210.
 Quebec: 21,122.
 Radcliffe Bridge: 18,210.
 Rochdale (*Lancashire*): 18,210-1.
 Rotherham (*Yorkshire*): 18,210.
 Scotland: 16,387; 16,740; 17,617; 17,635; 17,645;
 17,723-4; 17,815; 17,818; 17,890; 18,055; 19,178-9.
 Sheffield (*Yorkshire*): 18,145; 18,210; 19,195.
 Somerset: 17,268.
 Stalybridge (*Cheshire*): 19,265.
 Stockport (*Cheshire*): 19,365.
 Sunderland (*Durham*): 18,340; 18,357.
 Sweden: 32,094.
 Truro (*Cornwall*): 18,436.
 Tyne: 17,683.
 United Kingdom: 16,722; 17,262; 19,549.
 United States of America: 18,217-25.

Districts and places referred to—continued.

Wakefield: 18,210.
 Wales: 18,166.
 Walker-on-Tyne (*Northumberland*): 17,618; 18,996.
 Whitby (*Yorkshire*): 18,210.
 Wolverhampton (*Staffordshire*): 18,358.
 Woolwich (*Kent*): 21,144.
 Yorkshire: 18,150; 18,954.

Accidents:

Cause of: 17,436; 18,369; 18,577; 18,590; 19,012;
 31,986; 32,176; 32,189; 32,297.

Compensation for:

Associations, paid by: 16,772; 17,309; 17,885-6;
 18,137; 18,243; 19,188; 19,314-6.

Employers, paid by: 18,502-3.

Employers' Liability Act, obtained under: 17,881-
 3; 18,247; 18,249-56; 18,269; 18,396-9; 18,503;
 19,012-3; 19,325; 19,454-5; 32,133-5; 32,162;
 32,171.

Insurance obtained by: 17,521; 18,247-54; 18,503-
 11; 18,664-6; 19,012-3; 19,317-52; 32,135;
 32,162; 32,191; 32,217; 32,297-9.

Employers' Liability Act, effect of, on: 17,514;
 19,015-6; 19,456-60.

Insurance against (see *Employers and Employed*).

Nature of: 17,439-42; 18,396; 19,012; 19,337-40;
 32,298-9.

Number of: 17,439; 17,514; 18,242; 18,368; 31,986;
 32,139-48; 32,153; 32,162-5.

Prevention of, by employers: 17,513-5; 17,537;
 18,272-3; 18,279; 18,505; 18,578; 19,012; 19,025;
 19,459; 31,986; 32,176-85; 32,189; 32,297.

Register of: 32,154-6; 32,168.

Acts of Parliament:

Conspiracy and Protection of Property Act: 17,789-
 91; 32,232.

Employers' Liability Act:

Accidents, effect of on: 17,514; 19,015-6; 19,456-
 60.

Amendment of: 17,425; 18,247; 18,379-91; 18,413;
 32,170-1.

Compensation under: 17,881-3; 18,247; 18,249-56;
 18,269; 18,396-9; 18,503; 19,012-3; 19,325;
 19,454-5; 32,133-5; 32,162; 32,171.

Contracting out of, none: 18,373; 19,322; 32,169.

Doctrine of common employment, and: 18,246;
 18,277; 32,135-8.

Insurance out of: 17,581-3; 18,247-56; 18,392-
 403; 18,502-11; 18,516-23; 19,012-4; 19,317-
 52; 32,044-6; 32,169-70; 32,176.

Insurance out of, advocated: 18,504-8; 32,133;
 32,298-9.

Insurance out of, deprecated: 17,426-35; 17,486-
 91; 17,511-41; 18,247-80; 18,370-2; 18,401;
 18,406-13; 19,021-32.

Factory and Workshop Act: 32,166-7.

Metropolitan Building Acts: 18,863.

Public Libraries Act: 17,101-3.

Technical Instruction Act: 17,100-1.

Allowances:

Board and lodging: 16,581; 16,596-7.

Lodging money: 16,652-4; 16,674.

Travelling expenses: 16,652-3; 16,674.

Apprenticeship:

Apprentices, age of: 18,670.

Number of: 16,888.

Associations and: 21,161-3; 21,186.

System of: 16,323; 16,432-4; 16,438-40; 16,651;
 16,795-9; 16,956-7; 17,645; 18,512-3; 18,667-9;
 21,159; 32,221.

None existing: 21,108-9; 21,116; 21,157.

Proposed: 16,322; 16,431-7; 16,468-84;
 16,797-9.

Arbitration and Conciliation :**Arbitration :**

Boards of, existing : 18,474-81.
 Proposed : 16,917.
 Compulsory, deprecated : 19,393-5.
 No resort to : 16,915 ; 16,918-9 ; 18,708 ; 19,313.
 Offered : 17,363 ; 17,773-4 ; 18,807 ; 18,543-4 ;
 18,556-8 ; 32,311 ; 32,322-5 ; 32,335-6 ; 32,346.
 Refused : 17,363 ; 17,775 ; 18,307 ; 18,536-7 ; 18,545 ;
 18,549-50.
 Resorted to : 18,188 ; 18,303 ; 32,326-8.
 State, advocated : 16,943 ; 16,946-7 ; 16,986-7 ;
 32,253-4.
 State, deprecated : 16,353-5 ; 19,211-2.
 Voluntary, advocated : 18,306-8 ; 18,644-5 ; 18,700-
 1 ; 18,756-7 ; 18,846-7 ; 18,867-70 ; 19,311-2.
 Voluntary, deprecated : 32,353-4.
 Willingness to resort to : 32,249-52.

Arbitrators :

Appointed : 18,232-4 ; 18,478 ; 18,538 ; 18,547 ;
 18,708 ; 18,867 ; 18,986-92 ; 19,212 ; 32,035-6 ;
 32,126 ; 32,277.
 Difficulty in appointing suitable : 18,579-85.

Associations, attitude of, towards : 16,727 ; 16,916-8 ;
 17,363-4 ; 17,773-7 ; 18,182 ; 18,360-1 ; 18,982-3 ;
 19,425-31 ; 19,529 ; 32,322-44 ; 32,350 ; 32,363-4.

Awards of :

Accepted : 18,204-5 ; 18,987 ; 32,038.
 Issued : 18,205 ; 18,478 ; 18,538 ; 18,547 ; 18,987-8 ;
 32,126.
 Repudiated : 17,683-4 ; 18,234 ; 18,477.

Boards of, individual :

Board of Conciliation of London Chamber of Com-
 merce : 32,336-7 ; 32,341-4 ; 32,350-1 ; 32,359-61.
 Board of Conciliation of Manchester Chamber of
 Commerce : 18,183-5.
 Council of Arbitration of Leeds Chamber of Com-
 merce : 19,425-7 ; 19,430 ; 19,514-5 ; 19,529.

Conciliation, boards of :

Advocated : 16,265 ; 16,726-8 ; 16,800-3 ; 16,833,
 17,365-6 ; 17,689 ; 17,716 ; 18,565-9 ; 18,700-1 ;
 19,211-2.

Existing : 17,688 ; 19,196 ; 19,207-10.

None existing : 32,014-7.

Offered : 32,312.

Proposed : 16,265 ; 16,279-80 ; 16,307-8 ; 16,352 ;
 16,728 ; 16,834-8.

Resorted to ; 32,315.

Employers, attitude of, towards : 17,363 ; 17,775 ;
 17,778 ; 18,204 ; 18,307 ; 18,474 ; 18,563-4 ; 19,208 ;
 32,249-54 ; 32,311 ; 32,322-5 ; 32,335-46 ; 32,349.

Joint Committees :

Advocated : 18,360-1 ; 18,700-1 ; 18,717-9 ; 19,080-
 2 ; 19,096-8 ; 19,401-3 ; 32,018-20.

Disputes, settlement of, by : 17,897-901 ; 18,176-80 ;
 18,186-9 ; 18,214 ; 18,617 ; 19,237-8 ; 19,300-1.

Existing : 17,691-6 ; 17,895-908 ; 18,356-9 ; 18,362-
 7 ; 18,617-37 ; 18,677 ; 18,697-8 ; 32,244-8 ; 32,352.

Wages fixed by : 17,858-63 ; 17,895-6 ; 17,960-3 ;
 18,617 ; 18,622 ; 18,697 ; 18,722-34.

Mediation : 16,264-5 ; 16,268 ; 18,174-5.

Accepted : 32,336 ; 32,344 ; 32,350.

Offered : 17,776-7 ; 32,336 ; 32,341-4 ; 32,350 ;
 32,363-4.

Refused : 17,778 ; 32,336 ; 32,350 ; 32,363.

Strikes and disputes :

Prevention of, by : 16,280 ; 16,352 ; 17,364-6 ;
 17,697 ; 18,672-4 ; 18,700 ; 18,757 ; 19,080-2.

Settlement of, by : 16,264 ; 16,268 ; 17,442 ;
 17,685-7 ; 18,202-3 ; 18,481 ; 18,531-2 ; 18,637 ;
 18,982 ; 18,985-92 ; 19,196 ; 32,035-8 ; 32,126 ;
 32,255 ; 32,277.

Umpire :

Advocated : 16,947-50 ; 18,870.

E 78190.

Arbitration and Conciliation—continued.

Appointed : 18,475 ; 18,480.

Difficulty in appointing suitable : 16,950-3 ; 16,988.

Associations :**Of Employed :**

Affiliated Society of London and Suburban House
 Painters : 21,105 ; 21,138-41.

Amalgamated Society of Carpenters and Joiners :
 16,406-7 ; 16,513-8 ; 16,710-2 ; 16,781-3 ; 16,809 ;
 17,469 ; 17,616 ; 17,620 ; 17,734-5 ; 18,107-37 ;
 18,217-22 ; 18,329 ; 18,426 ; 18,753 ; 18,812.

Associated Carpenters and Joiners : 17,610-25 ;
 17,633-4 ; 17,722.

Aungier Street Carpenters' Society : 16,783.

Carpenters' Union, Limerick : 16,596.

Cork United Building Trades Union : 16,880-3 ;
 16,904-6 ; 17,011-2.

Cork United Trades Society : 17,018 ; 17,030.

Gloucester Street Carpenters' Society : 16,783.

London Amalgamated Society of Painters :
 19,150-1.

London and Counties House Painters' Society :
 19,033 ; 19,048-52 ; 19,142-3 ; 32,125.

London Building Trades' Committee : 17,313 ;
 17,374-6 ; 17,381-2 ; 17,445-7 ; 16,461 ; 32,305.

National Amalgamated Society of House and Ship
 Painters and Decorators : 18,942-59 ; 18,974-81.

National Association of Operative Plasterers :
 17,258-67 ; 17,278 ; 17,307 ; 17,442 ; 17,445.

National Labourers' Union : 18,602 ; 18,640-3 ;
 18,704 ; 18,708.

Operative Plumbers' Association of Great Britain
 and Ireland : 19,176-92 ; 19,240-63.

Stonemasons' Society of England, Wales, and
 Ireland : 19,415-7 ; 19,432-5 ; 19,516 ; 19,549-52.

United Operative Bricklayers' Trade, Accident,
 and Burial Society of Great Britain ; 19,264-77.

London Order : 19,371-6.

Manchester Order : 19,267 ; 19,276 ; 19,365-6 ;
 19,368-76.

United Operative Masons' Association of Scotland :
 17,812-20 ; 17,889 ; 17,901 ; 17,911-3 ; 17,964 ;
 18,602 ; 18,617 ; 18,624.

Of Employers :

Builders' Accident Insurance Society : 32,044-6 ;
 32,134-5 ; 32,156-62 ; 32,217.

Builders' Association (Ireland) : 16,790 ; 16,958.

Builders' Association (Leeds) : 15,549.

Builders' Institute : 32,044.

Central Association of Master Builders (London) :
 17,417 ; 18,543 ; 18,757 ; 31,966 ; 31,970-1 ;
 31,975 ; 32,044 ; 32,307-11.

Master Builders' Association (Liverpool) : 18,473.

Master Masons' Association of Glasgow : 17,901 ;
 18,600-17 ; 18,691 ; 18,695-8 ; 18,705 ; 18,711-4.

National Association of Master Builders : 17,417 ;
 18,433-50 ; 18,502 ; 18,525-6 ; 18,533-5 ; 18,563-4 ;
 19,308-9 ; 31,975 ; 32,044.

Black List (see *Employers, Strikes, and Trade Unionism*).

Boy Labour :**Boys :**

"Hawk" : 32,085.

Training of : 16,871 ; 17,095-105 ; 21,161-2.

Nature of : 17,272 ; 17,436-7.

Compensation :

Employers, given by : 16,930 ; 18,502-3.

None : 17,884.

D

BUILDING.

Compensation—continued.

Employers' Liability Act, obtained under: 17,881-3; 18,247; 18,249-56; 18,269; 18,396-9; 18,503; 19,012-3; 19,325; 19,454-5; 32,133-5; 32,162; 32,171.

Insurance, obtained by: 17,521; 18,247-54; 18,503-11; 18,664-6; 19,012-3; 19,317-52; 32,135; 32,162; 32,191; 32,217; 32,297-9.

Competition: 18,019-20.

Contractors, of: 17,424a; 17,587-8.

Foreign trade: 16,283; 16,786; 17,000; 17,972.

Labour, in: 16,470.

Unskilled with skilled men, of: 21,110-3; 21,135; 21,156; 21,160.

Congress:

Trades Union, Newcastle: 16,299; 17,465; 17,475.

Co-operation:

System of:

Advocated: 19,120-5.

Attempt to establish: 19,083.

Councils:

Chambers of Commerce:

Dublin: 16,279; 16,352; 16,728.

Leeds: 19,423-5; 19,430.

London: 32,336.

Manchester: 18,183.

County, London: 17,404-5; 17,578; 32,097; 32,119.

Trades:

Dublin: 16,265; 16,279-80; 16,299; 16,308; 16,351; 16,462; 16,508; 16,728; 16,801.

Manchester and Salford: 18,183.

Eight Hours' Day:

Associations, attitude of, towards: 16,785; 17,468; 17,708-18; 17,785; 17,792-3; 17,940; 17,976; 18,036-9; 18,093; 18,314; 19,396-7; 21,149-50.

Effect of, presumed: 17,493; 17,503; 17,544-9; 18,019-26; 18,090-104; 19,117-9; 21,148.

Fabian Eight Hour Bill: 17,476-9.

In operation: 16,300; 18,414-5; 32,355.

Legislative:

Advantages and disadvantages of: 16,629-32; 16,668; 16,786; 17,000; 17,503; 17,544-9; 17,562; 17,973-4; 18,023; 18,096; 18,099-104; 18,317; 19,117-9; 19,398-9; 21,148.

Advocated: 16,621-32; 16,661-8; 17,421; 17,463-83; 17,496-502; 17,542-62; 17,940-3; 17,970; 18,019-29; 19,087-98; 19,114-9; 19,170-5; 21,148-50; 21,175-85.

International: 16,785-6; 16,842; 17,000-6.

Painting to be done in winter, to enforce: 21,178-82.

To absorb unemployed: 17,503; 17,544; 18,023; 18,099-102; 19,117-9; 19,170-5; 21,148-50.

Deprecated: 18,315-7; 18,862; 19,362-3; 19,396-9.

Method of working, suggestions re: 17,470-3; 17,480-3; 17,979-81; 18,038-9; 19,090-8; 21,178-82.

Overtime and: 17,494-5; 17,786-7; 18,038; 19,090-8; 19,170; 21,178-85.

Trade Option, and: 16,299; 17,421; 17,463-83; 17,496-502; 17,542; 17,561.

Strikes, re: 17,421; 18,313; 18,541; 18,759; 32,025; 32,126; 32,355.

Trades Councils and: 16,299.

Voluntary, advocated: 18,414-5.

Through Trades Union Societies: 16,299; 16,428-30.

Employed:

"Bell horses": 17,385.

Character of: 18,877-9; 21,160.

Education, effect of on: 18,820-4; 18,859-61.

Classification of:

Modellers: 17,279-83; 17,291-2.

Painters: 21,116; 21,146.

Paint washers: 21,116.

Plasterers: 17,272; 17,284; 17,290; 17,314-5.

Setters out: 18,911.

Condition of: 16,969; 18,164-9; 18,228-31; 18,798; 18,818; 18,851-8; 18,881; 18,887-90; 32,192-6.

United States, in: 18,223-7; 18,854-8.

Demand for and supply of: 16,435-7; 16,468; 16,474-6; 17,385; 18,040-56; 32,084-5.

Dismissal of: 17,385; 18,471; 18,651-2.

Efficient workmen: 17,598-601.

Employers, relations of, with:

Satisfactory: 16,350; 16,467; 16,615-6; 16,619; 16,635; 16,718; 16,828; 16,908; 17,679; 17,705; 17,909-10; 18,172; 18,356; 18,483-5; 19,208-10; 19,219; 19,428-9; 19,473-4.

Unsatisfactory: 18,170-1; 18,843-4 32,008-11.

Foreign workmen: 17,292; 32,005.

Foremen: 18,782-3; 31,979-81.

Grievances of, re:

Deductions: 19,318-34; 19,351-2.

Wages: 16,581; 16,596.

Health of: 21,182.

Insurance of: 18,664-6; 19,317-52; 32,191; 32,217.

Lodging and rent of: 17,007-9; 17,014-6.

Artizans' dwellings: 17,007-9.

Migration of: 16,850; 18,221-2.

Number of: 16,325; 16,617; 16,884-8; 16,978; 17,298; 17,359; 17,984; 18,551; 18,609; 19,270; 19,418-20; 21,151; 32,109.

Old men: 17,921-33.

Permanent and casual: 16,814-5.

Plumbers, registration of: 19,218-31.

Technical education of: 16,313-23; 16,447-50; 16,832; 16,871-9; 17,095-105.

Tools of value and protection of: 16,848; 19,465-9.

Training of: 18,825-7; 18,882-6.

Unskilled workmen: 16,648-50; 17,436; 17,442; 19,045; 19,070; 19,418-20; 21,109-13; 21,135; 21,156; 21,160; 21,187.

Witness, experience of: 17,424a; 17,466; 18,746-53; 18,764-5; 18,841; 21,183-4.

Work done by, diminution in: 32,196-216; 32,300-2.

Employers:

Arbitration, attitude of, towards (see *Arbitration and Conciliation*).

Architects and builders, alleged connection of: 18,870; 31,991; 32,071-5.

Association, in: 16,465-6; 16,739; 16,787-8; 16,912; 16,918; 16,958; 18,433; 18,486-7; 18,602; 18,757 31,975.

Black listing, considered: 19,085-6; 19,158-60; 31,991-4.

Back list issued by: 16,451-6; 16,459-64; 16,485-510; 16,740; 16,839; 17,661-5; 19,167-8.

Competition of: 17,562.

Employed, relations of, with (see *Employed*).

Employers' Liability Insurance Corporation: 17,520.

Firms of: 17,324; 17,399; 17,405; 17,407; 17,413; 17,450; 17,454; 17,586; 18,338; 18,788; 21,107; 21,144; 31,976; 32,092; 32,190-1; 32,375-6.

Joinery: 17,386-7; 32,092.

Government: 16,928-9.

Insurance of: 17,426-35; 17,486-91; 17,511-41; 17,581-3; 18,247-80; 18,370-2; 18,392-403; 18,406-13; 18,502-11; 18,516-23; 19,012-4; 19,021-32; 19,317-52 32,044-6; 32,133; 32,169-70; 32,176; 32,298-9.

Employers—continued.

Local Boards as: 16,926-7.
 Non-associated: 18,691-6.
 Safety of workmen, preservation of, by: 17,513-5;
 17,537; 18,272-3; 18,279; 18,505; 18,578; 19,012;
 19,025; 19,459; 31,986; 32,176-85; 32,189; 32,297.
 Unionism, Trades, attitude of, towards:
 Improved relations with: 18,172.
 Indifference to: 18,489; 18,919-20; 32,290.
 Non-recognition of: 16,374; 16,399.
 Recognition of: 17,650-2; 17,890-1; 18,597-9.
 Refusal to employ Unionists: 16,839-41.
 Satisfactory relations with: 16,828; 17,650-2;
 18,215; 18,533-5; 18,671-4; 19,214; 19,473-4;
 19,491; 32,012-4; 32,365.
 Unsatisfactory relations with: 16,869-70; 18,171;
 18,216; 18,332-3.
 Witness, experience of: 16,611-4; 18,586-8; 31,966-
 72.

Employment:

Conditions of:
 Comparison of, in different countries: 18,881;
 18,887.
 Districts; 17,470.
 Dangerous: 17,436.
 Insanitary: 18,788-96.
 Irregular: 16,813; 16,900-1; 16,960; 16,969; 17,289;
 17,549; 17,873-4; 18,018; 18,056; 18,336; 18,649-
 50; 18,784-7; 19,099; 19,379; 19,450-3; 21,117;
 21,132.
 London, in: 32,311.
 Painting, in: 17,396; 21,114-6.
 Plumbing, in: 17,392-5; 17,402.
 Regular: 16,813; 17,646; 17,714; 18,495-7; 31,991.
 Unhealthy: 18,788-96; 21,182.
 Difficulty in obtaining: 18,920-4.
 "Fair contract" clauses: 17,381; 17,404-5; 17,407;
 18,293-8; 32,075-84; 32,113-21.
 Government contracts: 16,581; 16,596; 16,598-602;
 16,618; 16,967-8; 17,381; 17,405-18; 17,424a.;
 17,452-6; 17,584-609; 18,375-8; 21,113; 21,142-5;
 32,115-7.
 Rebate on: 17,405-7; 17,452-6; 17,584-6.
 "Jerry shops": 16,761-2; 16,767-70.
 Nature of: 17,272; 17,277; 18,058-60.
 Piece-work: 17,401-2; 17,574; 18,031-2; 18,072;
 18,458; 18,874; 18,894; 19,470; 19,564-7; 32,093;
 32,285.
 Associations and: 19,561-7.
 "Scampering": 17,318-22; 17,325; 17,331; 17,336;
 17,343-9; 17,356; 17,369; 17,380-1; 17,385; 17,459;
 17,568; 17,576; 18,031; 18,072; 18,936; 19,045;
 19,070; 31,979-84; 32,085-91; 32,236-43; 32,268-72.
 "Season trades": 16,300; 19,099; 21,117; 21,134.
 Sub-contract system of: 17,317-49; 17,355-7; 17,368-
 73; 17,381-407; 17,563-80; 18,030-5; 18,072-81;
 18,460-8; 18,889-90; 19,545-8; 21,144; 31,976-9;
 31,984-6; 31,995-32,003; 32,049-70; 32,084; 32,285.
 Associations and: 17,296-7; 17,332; 17,381-2;
 17,404-5; 17,578; 19,472; 19,544-8; 19,558-61;
 32,051-61.
 Objections to: 17,295-6; 17,350-4; 17,380-1;
 17,458-60; 18,031-5; 18,936; 19,546-7; 19,558-
 60; 21,108; 21,113; 32,056-61; 32,219.
 "Sweating" system: 17,405; 17,539-92; 18,780-3;
 18,894; 18,936.
 Winter, in: 16,667; 16,898; 16,901; 16,969; 17,646-7;
 17,874; 17,944; 18,018; 18,056; 18,061-71; 18,497;
 18,662-3; 18,784-7; 19,101-7; 19,379; 19,461-3;
 25,231-2.

Friendly Societies and Relief Funds:

Benefit Societies, Shop: 32,172-5.
 Insurance Fund: 19,317-34.
 Deductions for: 19,318; 19,325-34.

Friendly Societies and Relief Funds—continued.**Relief Funds:**

Contributions to:
 Employed, of: 17,901; 17,967; 18,679-89.
 Employers, of: 17,968-9; 18,689.
 Masons, of: 17,901; 18,678-90; 18,711-4.
 Trades Unions, of:
 Accident fund: 16,772; 17,265; 17,309; 17,885-6;
 18,137; 18,243; 19,188; 19,240.
 Contingent fund: 18,951.
 Distress fund: 18,137.
 Funeral fund: 17,265; 17,309; 17,889; 18,137;
 18,951; 19,188.
 Loss of tools fund: 18,137.
 Out-of-work fund: 16,732-3; 16,771; 18,137;
 18,951.
 Sick fund: 16,732-3; 17,265; 17,309; 18,137;
 18,951-3; 19,185-6; 19,203-4.
 Subscription to: 16,772; 17,264; 17,367; 18,950;
 19,184-7.
 Travelling fund: 17,309-10; 19,185.

Inspection:

Government:
 Advocated: 17,435-6; 17,442; 17,492; 19,070-8.
 Builders, Workshops of: 18,498-501; 31,988-90;
 32,167-8.
 None: 17,439; 17,492; 32,366-76.
 Deprecated: 32,176.
 Machinery, of: 18,501; 18,516-21; 31,990.
 Local: 17,531.
 Evasion of: 17,529-31.
 Inefficient: 18,796-7.

Joint Committees (see Arbitration).**Labour, Hours of:**

Advance in: 17,757-62; 17,797-805; 19,442.
 Average: 16,890-1; 16,962; 18,458.
 Bricklayers, of: 16,263; 19,385.
 Carpenters and Joiners, of: 16,262; 16,269; 16,721;
 16,784; 16,821-4; 17,635-7; 17,748-57; 17,803;
 18,155; 18,162-3; 18,165-7; 18,207-12; 18,331;
 18,340-1.
 Masons, of: 17,865-6; 17,901; 17,948-54; 18,653-
 63; 19,442-3; 19,556.
 Painters, of: 16,263; 19,063; 21,147.
 Plasterers, of: 16,270; 17,287-8; 17,311.
 Plumbers, of: 19,216.
 Winter, in: 16,898-9; 17,749; 17,866-70; 17,944;
 18,155; 18,162-3; 18,207; 18,211-2; 18,655-63;
 19,216; 19,385; 19,445.
 Days per week worked: 16,633.
 Different districts, in: 16,965; 17,010; 17,287-8;
 18,339-41.
 Holidays: 17,871-2.
 Suggestions re: 16,632.
 Meal-times: 16,899; 17,867; 17,901; 18,653.
 Night-work: 19,064.
 Grievance of workmen re: 19,064.
 Payment for (see Wages).
 Overtime: 17,640-1; 17,787; 17,977-8; 18,492; 18,741;
 18,768-71; 18,877-80; 19,064; 19,445; 32,032-3.
 Abolition of, desired: 16,804-5; 17,016; 18,862-5.
 Associations and: 18,779.
 Eight hours' day, in connection with: 17,786-7;
 19,090-4; 19,170; 21,178-85.
 Grievance of workmen re: 19,064.
 Objections to: 17,410-3; 17,494-5; 18,777-9.
 Payment for (see Wages).
 Systematic: 17,412; 18,760-3.
 Reduction of:
 Aimed at: 16,911; 16,961-5; 16,984-5.

BUILDING.**Labour, Hours of—continued.**

Effected: 17,805; 18,343-4; 18,454.
 Strike, by: 16,269-70; 16,721-6; 16,789; 16,821-2;
 16,829-32; 17,955-8; 17,996; 18,096-8; 18,206-
 10; 18,348; 32,026-8.
 Wages, effect of, on: 17,952-3; 18,103-4; 18,349-
 55; 32,028-32.
 Sunday work: 18,493-4; 19,448-9.
 Payment for (see *Wages*).
 Trade Unionism, effect of, on: 16,723; 16,789;
 17,407-9; 17,413-8; 17,461; 17,636-8; 17,730-1;
 17,901; 17,955-9; 18,173; 18,208-9; 32,311.

Land Leases: 16,934-7; 16,989-96.

Lodging and Rent (see *Employed*).

Machinery:

Associations and: 17,649; 17,987-9.
 Dangerous: 17,436; 17,439; 18,396-8.
 Displacement of workmen by: 16,688; 16,692;
 16,775; 16,795-6; 16,850-4; 17,983-5.
 Effect of:
 Cost of production, on: 16,776-8; 18,830; 32,126;
 32,208-9.
 General: 17,982-3; 18,828-30.
 Fencing of: 17,436; 31,990.
 Hostility to, none: 17,649; 17,987-9.
 Increased, advocated: 16,973-6.
 Inspection of: 18,501; 18,516-21; 31,990.
 Labour-saving: 16,775; 16,795; 17,436-8; 17,501;
 17,648; 17,986; 18,514-5; 18,828-30; 19,461-3;
 32,311.
 Taxation of:
 Advocated: 16,687-702; 16,775; 16,856-65.
 Deprecated: 16,970-2.

Municipalisation: Municipal workshops deprecated:
 18,428.

Overtime (see *Labour*).

Pensions:

Associations, given by: 16,772; 17,309; 18,137;
 19,188; 19,240-2; 19,254.
 State, deprecated: 18,429.
 System of, proposed: 18,430-2.

Picketing and Intimidation:

Amendment of law *re* (see *Conspiracy and Protection
 of Property Act*).
 None: 17,789-91.
 Police interference with: 18,318-23; 18,416-25.
 Trades Unions, by: 18,323-8; 32,040-3; 32,223-32;
 32,274-85.

Production:

Cost of: 17,507-10; 32,128-32; 32,196; 32,208-10;
 32,300-2.
 Harbour dues: 16,282-95; 16,333-6; 16,420-7; 16,786.
 Imports: 16,786; 32,092-3.
 "Jerry-built" houses: 18,772-5; 18,781; 32,086-91.
 Nature of: 17,237; 18,781.
 Raw material, alleged taxation of: 16,281-95; 16,333-
 6; 16,418-21; 16,786.
 Trade:
 Declining: 16,282.
 Depression in: 18,087-8; 32,258-60.
 Increasing: 17,807-11.
 Removal of: 17,550-3.
 Trade Unionism, influence of, on: 16,403-10.

Profit Sharing:

System of, attempt to establish: 19,083.

Refutations:

| | Statement. | Denial. |
|--|-------------------------------|----------------------------------|
| Accidents: Frequency of, in machine shops. | 17,439 | 31,986 |
| Apprenticeship: Restriction of by employers. | 21,103 | 32,221 |
| Arbitration: Offer of, by London Association of Master Builders before the strike. | 18,543 | 32,307-11; 32,346; 32,349. |
| Associations: Admission of incompetent men as members, by. | 17,599 | 31,991; 32,286. |
| Employed: | | |
| Bad character of the foreman, Thompson. | 17,324 | 31,979 |
| Inferiority of non-unionists to unionists | 17,405; 17,599; 17,601. | 32,109-13. |
| Sufficient supply of plasterers in London. | 17,385 | 32,084-5. |
| Employers: | | |
| Architects, connection of with building firms. | 17,337-8; 18,870. | 31,991; 32,071-5. |
| Carelessness of, for safety of workmen. | 17,426; 17,439. | 32,133; 32,189; 32,297. |
| Employers' Liability Act, contracting out of, by. | 18,247 | 32,169. |
| Indifference of, to regular employment of workmen. | 17,549 | 31,991 |
| Joinery firms in London, non-existence of. | 17,386 | 32,092 |
| Joinery, manufacture of, by. | 17,549 | 31,991 |
| Employment: | | |
| Subletting of plastering by builders. | 17,576 | 31,991 |
| Subletting of work as labour only. | 17,354 | 31,984 |
| Subletting of work to task-masters. | 17,295 | 32,049 |
| Inspection: | | |
| Government inspection of builders' workshops. | 18,498 | 32,366-70 |
| Government inspection of builders' workshops, want of. | 17,492 | 31,988-90; 32,168. |
| Production: | | |
| Scamped work at the Imperial Institute. | 17,336 | 31,982-4 |
| Scamped work by bricklayers. | 17,385 | 32,085 |
| Strikes: | | |
| At Imperial Institute, cause of. | 17,322; 17,328. | 31,976-9 |
| In building trade, result of to employed. | 18,547-8. | 32,348-9 |
| Wages: Of painters in London. | 17,413 | 32,121-5 |

Relief Funds (see *Friendly Societies*).

Remedies:

Accidents: Mutual insurance of employers and employed against, advocated: 16,571-7; 18,589-90;
 32,176.
 Acts of Parliament, amendments of, advocated:
 Conspiracy and Protection of Property Act: 32,232-4.
 Employers' Liability Act: 17,425; 18,247; 18,379-8;
 91; 18,413; 32,170-1.
 Employers' Liability Act, deprecated: 32,170-1.
 Metropolitan Building Acts: 18,863.
 Allowances: Payment of travelling expenses of workmen by employers, advocated: 16,652-5.
 Arbitration and conciliation:
 Annual joint conference, advocated: 18,700.
 Conciliation board, advocated: 16,352; 16,726.
 Joint committee, advocated: 19,080-2.
 State board of arbitration, advocated: 16,946-5;
 16,986.

Remedies—continued.

Councils: Trade and Labour, advocated: 18,700.
 Eight hours' day (see *Eight Hours' Day*).
 Employed:
 Labour exchange, advocated: 21,118-20; 21,131.
 Organisation of, advocated: 18,700; 18,715-6;
 19,126-7.
 Painters, supervision of by Painters' Company,
 advocated: 21,118; 21,117; 21,161-3; 21,186-8.
 Registered plumbers, employment of, advocated:
 19,221-31.
 Skilled labour under skilled supervision, employ-
 ment of, advocated: 19,070-8.
 Technical instruction of, greater facilities for,
 advocated: 17,095-105.
 Technical libraries for, provision of by employers,
 advocated: 18,941.
 Technical schools for, establishment of in trade
 halls, advocated: 16,313-22; 16,356-62; 16,445-
 9; 16,871-9.
 Employers:
 Insurance by, prohibition of, advocated: 19,012;
 19,021-32.
 Insurance by, prohibition of, deprecated: 32,133.
 Organisation of, advocated: 18,700; 18,715-6.
 Employment:
 Double-shift system advocated: 18,863-4.
 "Season" trade, regulation of, advocated: 19,099-
 113; 21,117; 21,135-7.
 Sub-contract system, prohibition of, advocated:
 17,350-4; 17,373; 17,457-9.
 Friendly societies and relief funds: Stated benefit
 from in proportion to deductions: 19,325-35;
 19,377-82.
 Inspection: Advocated: 17,442; 17,492.
 Labour:
 Government contracts, recognition of fixed hours
 in: 17,407-9; 17,413-8.
 Overtime, abolition of: 16,804-5; 17,016; 17,494-5.
 Saturday, whole holiday on, advocated: 16,632.
 Machinery:
 Taxation of labour saving, advocated: 16,687-702;
 16,856-65.
 Taxation of labour saving, deprecated: 16,970-3.
 Municipalisation: Purchase of land, compulsory
 powers for local authorities in, advocated: 16,997-8.
 State interference:
 Labour Bureau, publication of statistics by, advo-
 cated, 18,281-92.
 Labour Department with responsible minister, ad-
 vocated: 16,938-45.
 Trade unionism:
 Organisation of employed, legal prohibition of
 attempts to prevent, advocated: 19,084.
 Publication of benefits of, advocated: 16,773-4.
 Refusal of unionists to work with non-unionists,
 penalty for, advocated: 31,994.
 Trade hall, erection of, advocated: 18,938-40.
 Wages:
 Government contracts, insertion of "fair wage"
 clause in, advocated: 18,293-4.
 Payment of, according to skill, advocated: 18,799;
 18,817; 18,874-6; 18,891-3; 18,905-18; 18,930-5.
 Regulation of, by law, advocated: 16,636-41;
 16,659-62.
 Deprecated: 17,017; 17,493; 17,975.
 Sanitation:
 Unsatisfactory: 18,788-96.
 State Interference (see *Eight Hours' Day* and
Remedies).

Strikes, Lock-outs, and Disputes:

Associations, influence of, on: 16,511-9; 17,316-7;
 17,442-3; 17,680; 17,706; 18,197-8; 18,299;
 18,421-5; 18,596; 19,161-5; 19,278-9; 19,404-14;
 19,434-5; 19,530-43; 32,311; 32,365.
 Black list issued after: 16,363-7; 16,385; 16,453-;
 16,485; 16,740; 16,839; 17,661.
 Causes of:
 Awards of arbitration, repudiation of: 17,683;
 18,477.
 Demarcation of labour: 17,794-6.
 Hours: 16,269; 16,720; 16,788; 17,421-2; 17,955-
 7; 18,199; 18,530; 18,536; 18,541; 18,759;
 19,282-4; 19,383-6; 32,025; 32,126.
 Sub-contract system: 17,295-6; 17,322-4; 19,553;
 32,051; 32,235.
 Unionists, refusal of, to work with non-unionists:
 16,385; 16,453; 16,735; 16,758; 16,924; 18,527-
 8; 19,506.
 Wages: 16,266; 17,358-61; 17,771; 17,773;
 17,855; 18,199-200; 18,236; 18,311; 18,530;
 18,536; 18,541; 18,645; 18,759; 19,282-4;
 19,355; 21,107; 32,023-5.
 Cost of: 16,790; 16,806-10; 17,307-8; 17,358-9;
 17,361; 17,703-4; 17,781; 18,551-5; 19,199-
 202.
 Freedom from: 16,615; 16,918; 18,628-30.
 Important local:
 Ashton-under-Lyne, 1879: 19,353-6.
 1891: 19,281-4; 19,292-8; 19,302-10; 19,383-8;
 19,404.
 Blackburn, 1889: 17,358.
 Bradford, 1890: 17,359-61.
 Cardiff, 1892: 19,557-8.
 Clyde, 1881: 17,681.
 Clyde, 1882: 17,681; 17,772-82.
 Dublin, 1890: 16,719; 16,724-5; 16,788-9; 16,828-
 31.
 Dublin, 1891: 16,364; 16,385-8 16,451-3; 16,485;
 16,735.
 Glasgow, 1884: 17,854-7; 17,860-2; 17,892;
 18,675-7.
 Halifax, 1891: 17,361-2.
 Liverpool, 1878: 18,536.
 Liverpool, 1890: 18,477-8; 18,536-9; 18,591-5.
 London, 1872: 21,107.
 London, 1877: 19,523-4.
 London (*Imperial Institute*), 1891: 17,322-42;
 17,361; 17,423-4; 17,442-3; 18,190-207; 18,299;
 18,313; 18,757-60; 18,345-8; 18,541-62; 32,021-
 32; 32,051; 32,126; 32,336-44.
 Manchester, 1877: 18,235-9; 18,417.
 Newcastle-on-Tyne, 1890: 17,359.
 Newcastle-on-Tyne, 1892: 19,236.
 Norwich: 18,309-12.
 Tyne, 1890: 17,683.
 Importation of labour during: 16,387-8; 16,740.
 Minor local: 16,264; 16,266-8; 16,907; 16,923-4;
 17,359; 17,661; 17,957; 17,990; 18,336; 18,338;
 18,645; 18,708a-10; 18,984; 18,986-92; 19,506;
 32,255.
 Non-unionists, support of, during: 17,763-7.
 Number of: 16,264; 16,907; 17,294; 17,678; 18,213;
 18,338; 18,540; 18,984; 19,193-5; 32,255; 32,365.
 Picketing and intimidation during: 18,323-8; 32,040-
 3; 32,223-32; 32,274-85.
 Prevention of: 16,265; 16,352; 16,656-62; 17,366.
 Results of: 16,350; 16,444; 16,740; 17,340-2; 17,443;
 17,857; 18,201; 18,238-9; 18,559-62; 18,760;
 19,356.
 Hours, reduction of, effected: 16,789; 16,828-9;
 17,955-9; 18,096-8; 18,173; 18,206-7; 18,348;
 32,026; 32,126.
 Wages, advance of, obtained: 17,358-62; 17,772;
 18,173; 18,312; 19,302-3; 21,107.

BUILDING.

BUILDING.

Strikes, Lock-outs, and Disputes—continued.

Settlement of:

Arbitration and conciliation, by: 16,264; 16,268; 17,685-7; 18,202-5.

Conference, by: 16,269; 16,271; 16,725; 17,316; 17,892-4; 18,335-7; 19,196-8.

Strike pay: 17,309; 17,668-70; 18,993-5; 19,199-202; 19,254-5; 19,409-12.

Threatened: 18,639.

Sub-contract System (see *Employment*).**Trade Unionism:**

Advantages of: 16,403-10; 19,126-32; 21,160.

Apprenticeship, and (see *Apprenticeship*).

Arbitration, and (see *Arbitration*).

Benefit funds of (see *Friendly Societies and Relief Funds*).

Decline of: 19,518-26; 19,552-3; 21,108.

Development of: 17,911; 19,213.

Eight hours' day, and (see *Eight Hours' Day*).

Employed, condition of, influence of on: 18,228-31; 19,631; 32,093-5; 32,217; 32,311.

Employers:

Improved relations with: 18,172.

Indifference of, to: 18,489; 18,919-20; 32,290.

Non-recognition by: 16,374; 16,399.

Recognition by: 17,650-2; 17,890-1; 18,597-9.

Refusal of, to employ unionists: 16,839-41.

Satisfactory relations with: 16,828; 17,650-2; 18,215; 18,533-5; 18,671-4; 19,214; 19,473-4; 19,491; 32,012-4; 32,365.

Unsatisfactory relations with: 16,869-70; 18,171; 18,216; 18,332-3.

Employment, conditions of, influence of, on: 16,931-3; 17,730-1; 17,944-5; 18,018; 18,169; 18,811-6; 19,631.

Executive:

Control of, over members: 32,018.

Powers of: 17,667-9; 19,411-4; 19,543.

Federation of: 16,712; 16,781-3; 16,979-83; 17,313; 21,138-42.

Hours, influence of, on (see *Labour*).

Machinery, and (see *Machinery*).

Meetings of: 16,871; 18,832-42; 19,004-11; 19,018-20.

Non-unionists, support of, by: 17,763-70.

Non-unionists and members of:

Comparison of: 17,599; 17,601; 19,000-3; 32,109-13.

Proportion of: 17,298-9; 17,723-4; 17,736; 17,818-9; 17,918-20; 18,839; 18,998-9; 19,416-7; 19,492.

Refusal to work with: 16,363; 16,368-402; 16,453-7; 16,734-70; 16,792-4; 16,920-5; 17,300-6; 17,653-77; 17,718-21; 17,729-33; 17,916-7; 17,921-33; 18,527; 19,475-80; 19,493-506; 32,285.

Objections to: 18,832-42; 19,004-9.

Overtime, and (see *Labour*).

Picketing and Intimidation and (see *Picketing and Intimidation*).

Piecework, and (see *Employment*).

Strikes, influence of, on (see *Strikes*).

Sub-contract system, and (see *Employment*).

Trade, influence of, on (see *Production*).

Unemployed, and (see *Unemployed*).

Unionists:

Black list issued against: 16,363-7; 16,376; 16,385; 16,451-64; 16,485-510; 16,740; 16,744; 16,790; 16,839.

Black list issued by: 19,481-7; 32,277-80; 32,285.

Dismissal of: 16,867-70; 17,661; 18,524; 19,506-9.

Trade Unionism—continued.

Number of: 16,325; 16,584; 16,713; 16,735; 16,884; 16,886; 17,261; 17,298; 17,358-9; 17,614-6; 17,723-4; 17,816-7; 17,911; 18,123-9; 18,330; 18,945-8; 19,177; 19,213; 19,241-2; 19,269; 19,370-1; 19,416-7; 19,432; 19,517-28; 19,571; 21,139; 21,153.

Wages, influence of, on (see *Wages*).

Weakness of: 17,630; 19,144-8; 21,150; 21,168-9.

Witness, connection of, with: 16,513; 16,710; 16,880; 17,258; 17,374; 17,424a; 17,610; 18,107-21; 18,753; 19,176; 19,239; 19,268; 19,415; 19,421-3; 21,105; 32,305.

Unemployed:

Absorption of, methods proposed for: 16,468-84; 16,804-5; 16,931; 17,503; 17,544-9; 18,018; 18,099-103; 19,117-9; 19,170-5; 21,131; 21,148.

Associations and: 16,771; 17,267.

Cause of: 16,692; 16,850; 17,984-5; 21,108-9; 21,117.

Number of: 21,117; 21,131; 21,154.

Subsidiary employments for: 21,117; 21,133-4; 21,154-5.

Wages:

Advantage in: 16,410; 17,358-61; 17,449; 17,595-7; 17,858; 17,994; 18,083-5; 18,089; 18,173; 18,725-7; 19,357-60; 19,383; 32,078-83; 32,255; 32,356.

Average: 16,240; 16,326; 16,410; 16,581-2; 16,646-51; 16,669-77; 16,889; 18,800-1; 18,929; 31,984.

Bricklayers, of: 18,455-6; 19,283; 19,299; 19,303.

Carpenters and joiners, of: 16,596-7; 16,714; 17,405; 17,587-8; 17,626-9; 17,639; 17,741; 18,142-56; 18,165-6; 18,331; 18,342; 18,452.

Masons, of: 16,581; 17,821; 17,991-2; 18,089; 18,455-6; 18,647; 19,439-42; 19,556.

Masons' labourers, of: 18,647.

Painters, of: 17,413; 17,448; 18,960; 18,963; 21,171; 32,121-5; 32,128-30.

Plasterers, of: 17,268; 17,285-6.

Plumbers, of: 19,215.

Unskilled workmen, of: 16,241-2; 16,326a-7; 16,959-60; 17,405; 17,589.

City of Glasgow Bank, effect of failure of, on: 17,743-7; 18,086-8.

Deductions from: 19,318-34; 19,351-2.

Grievance of workmen *re*: 19,318-34; 19,351-2.

Different countries, in: 16,273-8; 16,715-7; 16,843-4; 18,223; 18,331.

Different districts, in: 16,635-7; 16,677; 16,966; 17,268; 17,286; 17,629-32; 17,737-40; 18,157-61; 18,450-1; 18,960-2; 19,046-7; 19,554.

Different periods, at: 18,165-7; 18,455-6; 32,128-30.

"Fair wage" clause: 17,381; 17,405; 17,407-9; 17,413-5; 18,293-8; 32,075-7; 32,114-21.

Fixed by:

Conference of employers and employed: 17,858-9; 17,896; 17,901; 18,622; 18,722-7; 19,038-9; 19,066-8; 21,105-7; 21,171; 32,256; 32,356-7.

Employers' Association: 18,449; 18,695.

Fortnightly payment of: 17,642.

Fluctuations and difference in: 16,678-81; 16,909-10; 17,405-7; 17,821; 17,993; 18,720-1; 18,967-9; 19,040-2; 19,044-5; 19,135-41; 19,442; 31,984; 32,267.

Government contracts, rate paid under: 17,405-7; 17,413; 17,447-50; 17,587-92; 18,375-8; 21,142-5; 21,165-6.

Government, rate of, paid by: 16,928-9.

Grievance of workmen, *re*: 16,596.

Holidays, payment for: 19,447.

Increase of, advocated: 16,657.

Non-union shops, lower paid in: 16,750; 16,761.

Wages—continued.

Minimum rate of: 16,889; 16,959; 18,963; 19,036; 19,153; 19,556.
 Overtime, payment for: 16,816-20; 16,902; 17,410; 17,801; 18,493; 18,742; 18,776; 18,866; 19,065; 19,285; 19,444-6.
 Paid by sub-contractor: 17,371; 17,566.
 Payment of, made:
 Per day: 16,244; 16,730-1; 16,811.
 Per hour: 17,268; 17,574; 17,626; 17,821; 17,991; 18,453; 18,459; 18,471; 18,648; 18,960; 18,996; 19,043; 19,217.
 Per week: 18,453.
 Purchasing power of: 16,637; 16,845-8; 32,192-6.
 Reduction of: 17,358-9; 17,413; 17,447-8; 17,745; 18,088; 18,336; 21,105; 21,116.
 Reduction of hours, effect of on (see *Labour, hours of*).
 Scarcity of labour, effect of on: 17,999-18,001; 18,040-7; 21,173-4.
 Standard rate of: 17,901; 18,622; 18,646; 19,055-7; 21,143; 21,170-1.

Wages—continued.

Strikes and disputes, *re*: 16,266-8; 17,352-62; 17,771-83; 17,854-64; 18,191-205; 18,235-9; 18,309-12; 18,530; 18,536-9; 18,541-62; 18,645; 18,757-60; 18,281-4; 19,292-306; 19,353-60; 21,107; 32,021-6.
 Sunday work, payment for: 18,493; 19,447.
 Trades unionism, influence of, on: 17,405; 17,629; 17,633; 21,142; 21,164; 21,169-71; 32,075-7 32,285.
 Advance in, obtained: 16,410; 17,358-62; 18,907; 17,730-1; 17,863; 18,173; 32,079-83; 32,131-2.
 Fixed rate of, maintained: 17,413; 17,451; 18,798 18,817; 18,872; 18,907; 32,093; 32,098-109; 32,311.
 Minimum rate of, aimed at by: 18,964-7; 18,997 19,036-8; 19,149-57; 32,093.
 Uniform rate of: 16,674-7; 17,268-71; 18,697; 18,798-803; 18,817; 18,871-2; 18,929.
 Weekly payment of: 16,243; 16,729; 17,642; 17,901; 18,240; 19,043.

BUILDING.**CABINET-MAKERS.****CABINET-MAKERS.****Witnesses:**

Employed: Ham, Harry (19,735-20,002); O'Reilly, Charles, Simmons, John (16,281-16,427); Whitley, Charles (20,003-20,169).

Districts and places referred to:

America: 16,283; 16,285.
 Australia: 19,991.
 Bath: 19,813; 19,972-4.
 Beith (*Scotland*): 19,904.
 Belfast: 16,427; 19,902.
 Belgium: 16,283.
 Bradford: 20,068; 20,072.
 Cork: 19,902.
 Dublin: 16,281-4; 16,419-26; 19,902; 19,940.
 England: 19,738; 19,758; 19,826; 19,910; 19,986; 20,160; 20,162; 20,168.
 Europe: 19,766.
 France: 19,826.
 Germany: 19,826.
 High Wycombe (*Bucks.*): 19,904-6.
 Hull: 20,162; 20,168.
 Ireland: 19,738; 19,900.
 Italy: 19,826.
 Leeds: 20,003-10; 20,018; 20,024-8; 20,039; 20,046-8; 20,054; 20,062-9; 20,092-4; 20,098; 20,112; 20,141-2; 20,147; 20,165-6.
 Leicester: 20,071.
 Liverpool: 20,168.
 London: 19,739-41; 19,746-7; 19,752-3; 19,761-4; 19,771-2; 19,791-9; 19,835; 19,840-1; 19,898; 19,921; 19,940-9; 19,955-60; 19,977; 20,048; 20,076-7; 20,144-5; 20,162; 20,168.
 Lyme Regis (*Dorsetshire*): 19,931.
 Manchester: 19,895; 20,073; 20,168.
 Nottingham: 19,970; 19,973-4.
 Oldham: 19,970; 19,973-4.
 Paris: 19,912-3; 19,916.
 Scotland: 19,738.
 Swansea: 19,904.
 United Kingdom: 19,740.
 Wolverhampton: 20,070.

Acts of Parliament:

Employer's Liability Act: 20,043; 20,045.
 Factory and Workshop Act: 20,086-8; 20,090; 20,102; 20,108.
 Merchandise Marks Act, 19,880.

Apprenticeship:

Apprentices, number of: 19,797; 19,906; 19,930; 19,934.
 Reduction of, advocated: 19,933; 19,936-7.
 Indentures, system of, advocated: 20,119-22; 20,130-1; 20,150.
 Discontinued: 20,117-8; 20,123-4; 20,156-7.
 System of, discontinued: 19,793-5; 19,885; 19,921-2; 20,018; 20,026-7.
 Provinces, in the: 19,797-8; 19,906; 19,929-32; 20,017-8; 20,114-6.

Arbitration and Conciliation:

Board of conciliation: 20,062-4a.
 Joint committees: 19,892-6.

Associations:**Of Employed:**

Alliance Cabinet-makers' Association: 19,735-9; 19,743-9; 19,813; 19,821; 19,835; 19,843-8; 19,851-6; 19,900-5; 19,924; 19,939-41; 19,981-3; 19,999; 20,076; 20,145.
 Bethnal Green Branch: 19,945.
 Carvers' Branch: 19,945.
 Chairmakers' Branch: 19,945.
 East-End Central Branch: 19,945.
 Hackney Branch: 19,945.
 Leeds Branch: 20,004-8; 20,039; 20,055-8; 20,090; 20,099; 20,166.
 West End Branch: 19,944.
 Amalgamated Union: 19,940.
 Leeds Branch: 20,008.
 Local Dublin Society: 19,940.
 Perseverance Union: 19,940.
 Progressive Union: 19,940.
 Scotch Union: 19,940.
 West End Body: 19,940.

**CABINET-
MAKERS.****Boy Labour:** 19,884; 19,903.**Boys:****Inefficiency of:** 19,796; 19,886; 20,020.**Nature of work of:** 19,796; 19,885; 19,927-8;
20,019-23; 20,115.**Number of:** 19,927; 20,038; 20,105; 20,135.**Training of:** 19,793-6; 20,019.**Objections to:** 19,885-7; 19,904; 19,927; 20,019.**Reduction of, advocated:** 19,905-6.**Compensation:** 20,042-5.**Competition:** 19,970; 20,048; 20,142.**Conferences:** 19,894-5.**Co-operation:****Cabinet-makers' Co-operative Society:** 19,978; 19,980.**Co-operative workshops:** 19,970-1; 19,977; 19,979;
20,068; 20,070-2.**Number of:** 19,973.**Proposed:** 19,967-9; 19,981-2; 20,065-8; 20,074.**Success of:** 19,972; 19,974; 20,068.**Leeds Distributive Co-operative Society:** 20,068-72.**Manchester Wholesale Co-operative Society:** 20,073.**Opposition to, none:** 19,983-5.**Councils:****Chamber of Commerce:** 20,064.**Trade:** 20,064.**Eight Hours' Day:****Legal enactment of, advocated:** 19,850-2; 19,857.**Reasons for:** 19,851-2.**Universal:** 19,910; 19,920.**Presumed effect of, on unemployed:** 19,869-70.**Wages:** 19,863-5; 19,867.**Punishment for non-observance of:** 19,866-8.**Vote taken on:** 19,871-4.**Employed:****Celebrated makers:** 19,756; 19,825-6.**Characters of, efficiency of:** 20,132; 20,153-5; 20,158-
60.**Classification of:** 19,737; 19,768; 19,943; 19,949-50.**Domestic workmen:** 19,806.**Emigration of:** 20,151-3.**Number of:** 19,740-1; 19,795; 19,938; 19,942;
19,970-2; 19,977; 20,113; 20,141.**Relations with employers:** 19,849; 20,054.**Skilled workmen:** 19,779; 19,797; 19,821-4; 19,830-
4; 20,016; 20,019; 20,126-8.**Tools of:** 19,812.**Sharpening of:** 19,815-8.**Value of:** 19,813-4.**Employers:****Attitude of, towards unions:** 19,843-5.**Shops and firms:** 19,752-5; 19,804; 20,115.**Hampton:** 19,755.**Lebus:** 19,851.**Maple:** 19,753.**Employment:****Classification of:** 19,768-9; 19,782-3; 19,801; 19,804;
20,013; 20,021-3; 20,114.**Comparison of:** 19,768; 19,780; 19,965.**Districts of:** 19,946-7.**Effect of, on employed:** 19,827-9.**Skilled:** 19,781.**Sub-division of:** 19,796; 19,799-804; 20,125.**Systems of working:** 19,753-5; 19,768-9; 19,907-9;
20,030-4; 20,124-8.**Day-work:** 19,770; 19,777; 19,962; 20,014.**Employment—continued.****Lump-work:** 19,770; 19,776; 19,962-5; 20,014;
20,030-1.**Piece-work:** 19,770; 19,772-5; 20,019; 20,030.**Fines (see under Wages).****Foreign Labour:****Danes:** 20,096.**Jews:** 19,950; 20,046-8; 20,055-8; 20,091-9; 20,118;
20,132-3; 20,163-8.**Character of:** 20,055; 20,058; 20,097-8.**Characters of, efficiency of:** 20,132-4.**Comparison of, with English workers:** 20,051-3;
20,094.**Effect of, on trade:** 20,081; 20,084; 20,142-3;
20,163.**Efficiency of:** 20,049-51; 20,098; 20,158-62.**Increase of:** 20,082; 20,093-4; 20,099.**Number of:** 19,955; 20,047; 20,168.**Organisation of:** 20,099.**Relations with English workmen:** 20,092.**Restriction of, advocated:** 20,093-6; 20,100; 20,129;
20,142-7; 20,150.**Shops of:** 19,952.**System of working of:** 19,951; 19,959; 20,048;
20,091.**Friendly Societies:****Benefits:****Dispute:** 19,750; 20,059-60.**Funeral:** 19,751.**Insurance:** 19,999.**Out of work:** 19,750; 20,061.**Sick:** 19,751; 20,061.**Travelling:** 19,751.**Inspection:****Inefficient:** 20,000.**Inspectors:****Complaints to:** 20,039; 20,108-11.**Increase of, advocated:** 20,101.**Insufficient number of:** 20,002.**Sanitary:** 19,787-9; 20,001; 20,089.**Visits of:** 20,000; 20,002; 20,036-8; 20,089.**System of, none:** 20,035-8; 20,041; 20,058-9.**Joint Committees (see under Arbitration).****Labour:****Holidays:** 19,915.**Hours of:** 19,785; 19,862.**Boys:** 20,106-7.**Comparison of:** 19,862; 19,911; 20,079.**Jews:** 19,952; 19,954; 20,079.**Paris, in:** 19,912-3.**Reduction of:** 19,902; 20,101-2; 20,108; 20,169.**Overtime:** 20,102-4.**Seasonal:** 19,858-61; 19,870.**Sunday:** 19,914-9.**Machinery:****Effects of:** 19,885; 19,926-8; 20,042.**Introduction of:** 19,925.**None used:** 20,036.**Overtime (see under Labour).****Production:****Furniture:****Adams:** 19,761.**Chippendale:** 19,757; 19,761; 19,808.

Production—continued.

Comparison of: 19,758; 19,765.
 Copying of designs of: 19,909; 19,975-6.
 Deceptions in: 19,875-83.
 Punishment for: 19,878-81.
 Deterioration of: 19,765; 19,767; 19,986; 20,024.
 Different kinds of: 19,768-9; 19,804; 19,906;
 19,996-8; 20,125-8.
 Different qualities of: 19,777; 19,804-5; 19,993-5;
 20,024-5; 20,115.
 Exportation of: 16,422-7; 19,986-92; 19,997.
 Imitation: 19,759-64; 19,808-9.
 Importation of: 16,281-5; 16,418; 19,763.
 Intazzia work: 19,779-84.
 Jewish: 19,959; 20,081-3.
 Material for: 16,281-9; 16,418-9; 19,808-11; 19,960;
 20,032-3.
 Pawning of: 19,960-1.
 Prices of: 19,772; 19,776; 19,839-40; 19,876;
 19,909; 19,959-60; 20,025; 20,032.
 Queen Anne: 19,757.
 Sheraton: 19,757; 19,761.
 Superiority of English: 19,766; 19,986.
 Taxation of: 16,281-92; 16,418-27.
 Value of: 19,757.

Remedies advocated:

Co-operation: 19,967-8; 19,985.
 Jewish immigration, legal restriction of: 20,093-6;
 20,100.
 Jewish workshops, registration of: 20,085-7; 20,101.

Sanitation:

Complaints of, unnoticed: 19,786-90.
 Unsatisfactory: 19,786; 19,791-2; 20,002; 20,039-40.
 Ventilation: 19,786.

Strikes:

General 1890: 19,897-9.
 Local: 19,895; 19,970; 19,972; 20,068.
 Necessity of: 19,837-8.
 Depreciated: 19,839.
 Settlement of: 19,892-6; 20,075-8.

Trade Unionism:

Amalgamation attempted: 19,966.
 Attitude of, towards frauds: 19,882-3.
 Wages; 19,821-4; 19,833-48; 19,902.
 Influence of: 19,853-6; 19,905-6; 19,923-4; 19,964;
 20,108.
 Officials of: 19,744; 20,004.
 Organisation of, necessary: 19,887-91; 20,090; 20,099;
 20,136-49.
 Unionists and Non-unionists: 19,740-2; 19,752;
 19,807; 19,848; 19,851-6; 20,007; 20,010-2; 20,056-
 60.

Unemployed: 19,869; 19,886; 19,967.

Wages:

Average: 19,749; 19,819-20; 19,909; 20,015; 20,124.
 Comparison of: 19,779-80; 19,819; 19,847; 19,956-8;
 20,055; 20,080.
 Day work, for: 19,771-2; 19,778; 19,835.
 Fines: 19,880-1.
 Increase of:
 Advocated: 19,972.
 Effected: 19,840-8; 19,902; 20,055.
 Intazzia work, for: 19,784.
 Jews, for: 19,953; 20,055; 20,080; 20,085.
 Lump work, for: 19,776; 20,030-1.
 Piece-work, for: 19,772-4; 20,019.
 Skilled labour, for: 10,821-4; 19,827-31; 20,028-9.

CABINET-
MAKERS.**CARPET-MAKING.**CARPET-
MAKING.**Witnesses:**

Employers: Southwell, Edmund Martin (15,435-94).
Independent: Beaver, J. H. (9774-78); (9997-9).

Districts and places referred to:

Axminster (*Devonshire*): 15,440; 15,450; 15,459.
 Bridgnorth (*Shropshire*): 15,436; 15,440; 15,446-7.
 Durham: 15,450.
 Glasgow: 15,450.
 Halifax: 9774-6; 15,450.
 Heckmondwike (*Yorkshire*): 15,450.
 Kidderminster (*Worcestershire*): 15,440; 15,445;
 15,448; 15,450; 15,476; 15,480.
 United Kingdom: 15,450.
 Wilton (*Somersetshire*): 15,440; 15,450.

Arbitration and Conciliation:

No system of: 15,477.

Associations:

Of Employed: 9776; 9998; 15,465; 15,471; 15,479;
 15,486; 15,492.
Of Employers: 15,473; 15,486.

Boy Labour:

Number of Boys: 15,444; 15,449.

Councils:

Trades and Labour: 9998.
 E 78190.

Employed:

Condition of: 9776-8; 9997-9; 15,479-84.
 Number of: 15,443-4; 15,446; 15,448-51.
 Relations, friendly, with employers: 15,477-82;
 15,486-90.
 Unionists and non-unionists: 9997; 15,487; 15,491.
 Unskilled labourers: 15,444.

Employers:

Attitude of, towards organisation: 15,492-4.
 Fines:
 Southwell and Company, Limited: 15,435-8;
 15,446-7.
 Mills: 15,458-9; 15,485.

Employment:

Condition of: 15,479-80.
 Handwork: 15,441-2; 15,459.
 Healthiness of: 15,465-8.
 Nature of: 9998; 15,452.
 Outwork: 15,458-9; 15,470.
 Regularity of: 15,462-4.
 Sub-contract system: 15,456-7.

Fines (see under *Wages*).

Friendly Societies and Relief Funds:

Benefits:
 Accident: 15,461.
 Sick: 15,461.

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CARPET-
MAKING.**Inspection:** 15,465.**Labour:**

Hours of: 15,455; 15,469.

Seasonal: 15,462.

Machinery: 15,442.**Production:****Carpets:**

Axminster: 15,439-42; 15,452.

Brussels: 9998; 15,439; 15,452.

Kidderminster: 15,440.

Quality of: 9998; 15,460.

Wilton: 15,439-40; 15,452.

Remedies:Free intercourse between employers and employed:
15,481.**Sanitation:**

Satisfactory: 15,465.

Ventilation: 15,466.

Strikes:

Infrequency of: 15,472; 15,476.

Sub-contract System (see under *Employment*).**Wages:**

Average rate of:

Boys, for: 15,461.

Men, for: 15,452.

Women, for: 15,452.

Fines and deductions: 15,460.

Increase of, effected: 15,475.

Mode of fixing: 15,473; 15,486.

Mode of payment: 15,453-4.

Reduction of: 15,474.

Women's Labour:

Home work: 15,470.

Nature of: 15,452.

Women, number of employed; 15,444; 15,449.

CHEMICALS.

CHEMICAL AND COPPER WORKS.

Witnesses:

Employed: Carey, John (22,313-589); Darlington, John (32,482-551); George, Isaac (21,935-22,061); Girling, Edward (20,513-699); Grady, Martin (32,482-551); Greig, G. (21,718-934); Healey, Patrick (22,313-589); King, Peter John (20,700-21,041); Mannion, Michael (22,589a); Meredith, Jacob (22,062-194); Mitchell, George (21,189-502); Morrison, Walter (32,482-551); Sheil, Richard (22,313-589); Sbotton, John (21,718-934); Steel, Thomas (21,503-717); Ward, William Henry (23,930-24,217); Wignall, James (22,195-312).

Employers: Brock, John (32,377-442); Stuart, T. W. (32,443-81); Ward, Thomas (21,042-104).

Districts and places referred to:

America, South: 32,424.
Belfast: 21,780.
Birmingham (*Warwickshire*): 20,756.
Burton-on-Trent (*Staffordshire and Derbyshire*): 20,521.
Chester: 20,980.
Clydebank (*Dumbarton*): 20,708; 20,725; 21,208.
Dublin: 20,731-2.
England: 21,368.
Felling (*Durham*): 20,601.
Flint: 20,708; 20,728-9.
France: 32,416-7.
Garston (*Lancashire*): 20,708; 20,850.
Germany: 20,649; 32,416-7.
Glasgow: 20,708; 20,725; 21,190; 21,380; 21,470; 21,498.
Hebburn (*Durham*): 32,444.
India: 32,424.
Ireland: 20,730; 21,280; 21,352.
Irvine (*Ayr*): 20,708; 20,725; 21,190; 21,379; 21,426.
Lancashire: 20,724; 20,736; 32,418.
Landore: 22,253.
Liverpool: 21,101.
Llanelly (*Carmarthen*): 22,094; 22,114; 22,179; 22,227; 21,253; 22,255.
London: 21,780.
Mersey: 21,055; 21,061; 21,086.

Districts and places referred to—continued.

Morfa Works: 22,094; 22,105; 22,139; 22,149; 22,211; 22,252.
Newcastle-on Tyne: 20,513-9; 20,630; 20,637; 20,677; 20,708; 20,756; 20,940; 21,706; 32,394-5; 32,444.
Northwich (*Cheshire*): 21,030.
Radcliffe (*Lancashire*): 22,436.
Buncorn (*Cheshire*): 32,519.
Rutherglen (*Lanark*): 21,190; 21,340.
Scotland: 20,627; 21,225; 21,280; 21,282; 21,368; 21,648; 21,784; 32,395; 32,471.
Silvertown (*Essex*): 24,079.
St. Helen's (*Lancashire*): 20,650-4; 20,708; 20,737; 20,743; 20,751-2; 20,761; 20,849; 20,915; 22,457; 22,499; 32,503.
Swansea (*Glamorgan*): 21,943; 22,064; 22,188.
Taibach (*Glamorgan*): 21,937; 22,094; 22,114; 22,259.
Tees: 21,780.
Tyneside: 20,517-9; 20,627; 20,683; 20,687; 21,504; 21,521; 21,528; 21,537; 21,572-3; 21,578; 21,593; 21,691; 21,700; 21,721; 32,471; 32,475.
United Kingdom: 20,719.
United States of America: 32,422.
Wales, North: 20,727.
Wales, South: 20,721.
Wear: 21,780.
Weaver: 21,055; 21,061.
Widnes (*Lancashire*): 20,650-4; 20,708; 20,737; 20,801; 20,846; 20,853; 21,041; 22,315; 22,552.

Accidents:

Cause of: 21,038; 22,589a.
Compensation for: 21,039; 21,041; 22,249.
Freedom from, of lead-workers: 20,676.
Number of: 21,038; 22,248.
Particulars of: 21,038; 22,248.

Acts of Parliament:

Alkali Act: 21,210; 21,373-4; 21,384; 21,684; 32,430.
Elementary Education Act: 22,232.
Employers' Liability Act: 22,310-2.

Acts of Parliament—continued.

Amendment of, advocated: 21,039-40; 22,272; 22,589a.
 Contracting out of: 21,039-41.
 Factory and Workshop Acts: 21,588; 21,744; 22,131; 22,246-7; 32,430.
 Amendment of, advocated: 21,745-6.
 Truck Act, breach of: 22,231a-9; 23,987.

Allowances:

Food: 21,847-8.
 Medical expenses: 21,906-9.
 Money: 21,846.

Apprenticeship:

Apprentices, payment of: 20,536.
 Associations and: 20,538-43.
 System of: 20,536-43.

Arbitration and Conciliation:

Arbitration:
 Advocated: 21,597-601; 21,616; 21,633-5; 21,715-6; 22,125-7.
 Offered: 22,119; 22,142; 22,259-61; 22,299-300.
 Resorted to: 22,110-3; 22,142-4; 22,253.
Associations and: 20,862-9; 22,253; 22,259-62; 22,299-300.
Awards of, accepted: 22,253-4.
Boards of conciliation:
 Advocated: 21,397-402; 21,768; 22,124-7; 22,259-62.
 Permanent, advocated: 21,597-601; 21,616; 21,715-6.
 Permanent, deprecated: 21,766-7.
 Proposed: 21,398-9; 21,628-34.
Conciliation:
 Compulsory, advocated: 21,769-70.
 Resorted to: 20,873.
 Not resorted to: 20,862-3.
 Refusal of, by employers: 21,400; 22,119; 22,142; 22,259-62.
Strikes and disputes:
 Prevention of, by: 21,597-601; 21,626-36; 21,715-6; 22,124-6.
 Settlement of by: 20,873; 21,397-402; 22,110-3; 22,253.
 Umpire, advocated, 21,399.

Associations:*Of Employed:*

Alkali Workers' Union: 20,785-8; 20,933-4.
 Association of Watermen: 21,055; 21,061; 21,086.
 Chemical and Copper Workers' Union of Great Britain and Ireland: 20,700-52; 20,847-55; 21,326; 22,411-3.
 Dock, Wharf, Riverside, and General Labourers' Union: 20,963; 21,938; 22,062-4; 22,072; 22,186-9; 22,195; 22,253.
 London Philanthropic Society of Coopers: 20,521.
 Mutual Association of Coopers: 20,514-7; 20,559; 20,625.
 National Amalgamated Society of Coopers: 20,513-9; 20,550-3.
 National Labourers' Union: 21,372.
 Philanthropic Society of Journeymen Coopers of Burton-on-Trent: 20,521.
 Tyneside and National Labourers' Union: 20,756-7; 21,503-11; 21,722; 21,778-85; 21,912; 32,433; 32,471-3.
 Women's Union of Lead-workers: 21,796-7.

Boy Labour:

Boys:
 Age of: 22,270-1.
 None employed: 21,410.
 Number of: 22,000; 22,081; 22,135-6; 22,208-9.
 Wages of: 22,271.
 Nature of: 22,081; 22,211; 22,269.
 Restrictions on: 22,246.
 Advocated: 22,268-71.

Capital:

Capitalists:
 Objection to: 21,290-2; 21,303-5; 21,495.
 Profits of: 21,338-46.
 United Alkali Company, of: 32,380.

Compensation:

Given by employers: 21,039; 21,041.
 None paid: 22,249.
 Under the Employers' Liability Act, 22,272.

Competition:

Foreign trade: 21,525-6; 32,419-24.
 Labour, in: 21,352; 22,059.

Congress:

Trades: 20,911; 20,940; 20,947; 20,968-77; 20,980-92.

Councils:

Newcastle Trades: 20,677-82.

Double Shift System (see *Employment*).**Eight Hours' Day:**

Associations and: 20,559-60; 20,625-6; 20,889-90; 20,952-4; 20,978-83; 20,990-1; 21,025-30; 21,558-60; 21,564-72; 21,687.
 Forty-eight hours per week: 21,007-14; 21,465-6.
 In operation: 20,783; 20,799-803; 20,878-82; 20,888-94; 20,932; 21,031-2; 21,528; 21,561-70; 22,419-23; 22,481-4; 32,440-1.
 Inspectors to enforce, advocated: 20,942; 21,012.
Legislative:
 Advocated: 20,798; 20,870-2; 20,883-7; 20,895-914; 20,930; 20,939-54; 20,978-92; 21,004-14; 21,026-9; 21,039; 21,210; 21,335-9; 21,356; 21,614; 21,962-5; 21,995-9; 22,017; 22,482; 22,492; 22,566-7; 22,570-1.
 Deprecated: 20,559-60; 20,625-6; 21,062.
 Maximum, advocated: 21,214-44; 21,464.
 Penalty for exceeding, advocated: 20,943; 21,243-4; 22,572-4.
 Presumed effect of: 20,896-903; 20,935-6; 20,997; 21,028; 21,351-2.
 Trades Congress, vote of, *re*: 20,911; 20,940; 20,947; 20,968-77; 20,980-92.
 Vote *re*: 20,559; 20,625; 20,952-3.

Employed:

Age of: 21,818-9; 21,897-8; 32,521.
 Apathy of, *re* Trades Unionism: 20,739-42; 20,928-9; 20,955-7; 21,036-7.
 Character and conduct of: 20,875; 21,250-5; 21,322-5; 21,424; 21,602-8; 21,645-9; 21,899-901; 22,277-80; 22,390-3.
 Classes of: 21,047.
 Contract men: 20,589.
 Coopers: 20,759.
 Copper smelters: 22,184.
 Packers: 20,758; 20,766.
 Process men: 21,659.

CHEMICALS.

Employed—continued.

Spare men : 21,690.
 Unskilled men : 20,757 ; 21,542-3 ; 21,573 ; 21,726.
 Vitriol burners : 21,307-12.
 Condition of : 20,751 ; 21,391 ; 21,485-6.
 Convalescent homes for : 21,281-5 ; 21,807 ; 21,858-9 ; 21,905.
 Demand for, and supply of : 21,886-8 ; 22,059-60.
 Employers, relations of, with :
 Satisfactory : 20,553 ; 21,041 ; 21,089 ; 32,480-1.
 Unsatisfactory : 21,205-6 ; 22,140 ; 22,148.
 Grievances of, re :
 Deductions : 21,033 ; 22,226-39 ; 22,292-6.
 Hours : 22,016-21 ; 22,044 ; 22,189.
 Tonnage : 22,120-3.
 Weighing-machines, testing of : 22,128-31 ; 22,183.
 Health of : 20,772-9 ; 21,286 ; 21,390-3 ; 22,352-6 ; 22,426 ; 22,484 ; 22,536 ; 32,389 ; 32,399-400 ; 32,411-3 ; 32,446-50 ; 32,462-4.
 Acid works, in : 21,971-4.
 Bleaching powder department, in : 20,620-4 ; 20,759-60 ; 21,456-62 ; 21,591 ; 22,508-15a ; 32,389 ; 32,508-10 ; 32,518.
 Lead-works, in : 20,661-4 ; 20,676 ; 21,739-41 ; 21,747 ; 21,807-11 ; 21,815-7 ; 21,849-54 ; 21,864 ; 21,895-6.
 Salt-cake department, in : 20,771 ; 20,775 ; 21,274-7 ; 21,389 ; 21,417-23 ; 21,545-53 ; 21,685-6 ; 22,362-78 ; 22,394-9 ; 22,430-41 ; 22,459-62 ; 22,475-8 ; 32,389-93 ; 32,406 ; 32,454-60 ; 32,487-91 ; 32,501 ; 32,523-9.
 Vitriol department, in : 21,822-9.
 Women, of : 20,664-5 ; 21,803-5 ; 21,871-81 ; 21,390.
 Length of working life of : 21,279-81 ; 21,394 ; 21,484-6 ; 21,710-3 ; 32,522.
 Lodging and rent of : 21,467-80 ; 21,498 ; 21,706-9 ; 22,241-3 ; 22,281.
 Medical examination of : 21,811 ; 21,814.
 Migration of : 21,278-80 ; 21,326 ; 21,352 ; 21,394.
 Mortality of, rate of : 21,277 ; 21,357 ; 32,449-50.
 Muzzles, use of, by : 20,561-85 ; 20,759-60 ; 20,768-71 ; 21,463 ; 21,609-11 ; 21,675-6 ; 22,504-8 ; 22,556-60a ; 32,409-10 ; 32,507 ; 32,531-9.
 Number of : 20,689-90 ; 20,736 ; 20,766 ; 21,084 ; 21,198-200 ; 21,209 ; 21,524 ; 21,537-42 ; 21,669-71 ; 21,714 ; 21,723 ; 21,944 ; 22,003 ; 22,051 ; 22,078 ; 22,084-5 ; 22,206 ; 32,380.
 Restoratives for : 21,649-51 ; 21,879-81 ; 22,379-89 ; 22,476-8 ; 22,516-25 ; 22,530-2 ; 32,401-5 ; 32,461-7 ; 32,470.
 Training of : 20,758 ; 22,061.
 Victimization of : 22,171-80 ; 22,253.
 Witness, experience of : 20,748-52 ; 20,993-6 ; 21,196-7 ; 21,327-9 ; 21,411-6 ; 21,590-1 ; 21,718-20 ; 21,787 ; 21,815-31 ; 21,929-33 ; 21,935-6 ; 22,070-1 ; 22,196-201 ; 22,313-8 ; 22,428-30 ; 22,456-8 ; 22,479-80 ; 22,493-6 ; 22,526-9 ; 22,533-5 ; 22,537-53 ; 32,485-6 ; 32,502-6 ; 32,519-20.

Employers :

Arbitration, and : 21,400 ; 22,119 ; 22,142-4 ; 22,253 ; 32,479.
 Association, in : 21,046 ; 22,146.
 Eight Hours' Day, and : 20,783 ; 20,799 ; 20,801-3 ; 20,878-82 ; 20,890 ; 20,892 ; 20,932 ; 21,030 ; 21,062-5 ; 22,419-23 ; 32,440-1.
 Employed, relations of, with (see *Employed*).
 Firms : 20,601 ; 20,761 ; 20,784 ; 20,799 ; 20,801 ; 20,821 ; 20,823 ; 20,846 ; 20,853-4 ; 20,873 ; 20,878-81 ; 20,892 ; 20,932 ; 21,033 ; 21,041 ; 21,045 ; 21,085 ; 21,591 ; 22,315 ; 22,420 ; 22,457 ; 22,552 ; 32,502.
 Health of workmen, preservation of, by : 21,273 ; 21,858-9 ; 21,905-9 ; 22,374-7.
 Losses of : 21,347-50.

Employers—continued.

Non-associated : 21,095 ; 21,568 ; 22,145.
 Profits of : 21,338-46 ; 21,481-2.
 Salt Union : 21,042-4 ; 21,046,51 ; 21,055 ; 21,091.
 Trades unionism, and (see *Trades unionism*).
 United Alkali Company : 20,654-4 ; 21,033 ; 21,521 ; 21,589 ; 21,667 ; 22,348 ; 32,377-83 ; 32,443.
 Witness, experience of : 21,042 ; 32,377 ; 32,396-8 ; 32,443.

Employment :

Conditions of : 21,054 ; 21,057 ; 21,082-3 ; 21,094 ; 22,471-2.
 Bleaching-chambers, in : 20,561 ; 20,607-19 ; 20,683-4 ; 20,759 ; 21,214 ; 22,562-4 ; 22,589a ; 32,407-8.
 Caustic department, in : 20,855.
 Continuous : 20,804-20 ; 21,021 ; 21,024 ; 21,265-9 ; 21,315-6 ; 21,441-3 ; 21,530-2 ; 21,975-87.
 Coopering work, in : 20,527.
 Dangerous : 22,589a.
 Healthy : 22,369-71 ; 32,449 ; 32,491 ; 32,510.
 Improved : 20,595-619 ; 20,621 ; 20,873-4 ; 21,617-9 ; 21,672-82 ; 21,894-5 ; 22,258 ; 22,282 ; 22,435-8 ; 32,413-5.
 Irregular : 20,628-9 ; 20,640.
 Laborious : 21,533-5 ; 21,661 ; 21,696-7 ; 21,763 ; 21,846 ; 22,210-1 ; 22,253 ; 22,589-a.
 Regular : 20,593 ; 21,487 ; 21,698-9.
 Unhealthy : 20,561-4 ; 20,661-2 ; 20,667-73 ; 20,759-61 ; 20,765 ; 21,274 ; 21,286 ; 21,390 ; 21,393 ; 21,418 ; 21,456 ; 21,544 ; 21,824-9 ; 21,845-6 ; 21,967 ; 22,031-4 ; 22,366a ; 22,504-15a ; 22,589a.
 Nature of :
 Chemical Works, in : 20,759-61 ; 20,763-5 ; 20,784-5 ; 21,200 ; 21,307-12 ; 21,694-7 ; 22,552-3 ; 24,079 ; 32,517.
 Copper Works, in : 22,211 ; 22,253 ; 22,257.
 Lead works, in : 21,802-5.
 Salt works, in : 21,050 ; 21,069.
 Piece-work : 20,525 ; 20,528 ; 20,794 ; 20,840 ; 21,053 ; 21,065 ; 21,069 ; 21,076 ; 21,428-9 ; 21,575 ; 21,658-60 ; 22,500 ; 23,985-96 ; 24,079-80.
 Shifts :
 Double : 20,800 ; 20,803 ; 21,022-3 ; 21,062 ; 21,261 ; 21,407-9 ; 21,528-9 ; 21,621-5 ; 21,669 ; 21,948 ; 22,005-6 ; 22,212 ; 22,331-4 ; 22,589a ; 32,497-8.
 Single : 32,516.
 Treble : 20,800-3 ; 21,528 ; 21,552 ; 21,561 ; 21,566-72 ; 21,637-41 ; 21,668 ; 21,688-90 ; 22,419-23 ; 22,483-4 ; 32,440-1.
 Sub-contract system : 22,589a.
 Task work : 21,728 ; 21,731 ; 22,321-4 ; 22,468-70.
 Tonnage system :
 Copper works, in : 22,120-3 ; 22,128-31.
 Grievance of workmen, re : 22,120-3.

Friendly Societies and Relief Funds :**Benefit Societies :**

Acid workers, of : 21,988-94.
 Chemical workers, of : 22,402-10 ; 22,575-89 ; 22,444-50.
 Deductions for : 21,990 ; 22,579-82.
 Lead-workers, of : 21,832-40 ; 21,856-7 ; 21,883.
 Proposed : 21,910.
 Salt-workers, of : 21,103.
 Chemical workers, admission of, to : 21,838-9 ; 22,485-9.
 Relief Funds :
 Copper works, in : 22,231a-2.
 Deductions for : 22,231a.
 Funeral fund : 22,232-9.

Friendly Societies and Relief Funds—continued.**Trades Unions, of:**

Funeral fund: 20,692-7; 20,716-7; 20,926; 22,090-1.

Sick fund: 20,691-7; 20,717; 20,926.

Subscriptions to: 20,698-9; 20,712; 20,716; 20,925-6; 21,510; 22,086.

Inspection:

Associations and: 20,680-2.

Efficient: 32,430-2.

Evasion of: 21,210; 21,596; 22,245-7.

Increased, advocated: 21,017; 21,039; 21,379-81; 21,483; 21,595-6; 21,615; 21,774; 22,184-5; 22,492; 23,991.

Inefficient: 21,210; 21,270-2; 21,587.

Insufficient: 20,657; 21,015-6; 21,587-8; 21,742; 21,891; 22,245; 22,416; 22,443-4.

None existing: 22,132-7.

Inspectors:

Advocated, to enforce Eight Hours' Day: 20,942; 21,012.

Appointment of: 21,373-4.

Complaints made to: 20,680-2; 21,387-8.

Number of: 21,375-8.

Powers of: 21,381; 21,384.

Visits of: 20,657-60; 20,666; 21,959-61; 22,245.

Women, advocated: 21,892-3.

Working-men, advocated: 21,210; 21,273; 21,288; 21,483; 21,596; 21,742; 21,774-7; 21,891-4; 22,416-7.

Labour, hours of:

Associations, influence of, on: 20,533; 20,826; 20,875; 20,937; 21,021; 21,055; 21,843; 21,916; 22,159; 22,218; 22,283; 22,565.

Average hours of:

Acid workers: 21,946; 21,975-87; 21,996; 22,005-15.

Black ash men: 20,847; 22,589a.

Blower men: 20,834.

Calcining men: 22,157-65.

Caustic workers: 22,589a.

Chemical workers: 20,789-92; 20,799; 20,804-20; 20,826; 20,870; 21,022-4; 21,245-55; 21,408-9; 21,437-8; 21,430-2; 21,444-51; 21,528-30; 21,621-4; 21,637-41.

Coopers: 20,533; 20,588; 20,627.

Copper workers: 22,149-52; 22,212-5; 22,221.

Lead workers: 21,732-6; 21,842; 21-844; 21,918.

Mud plungers: 20,842.

Neutralisers: 20,837-8.

Powder packers: 22,497; 22,501-3; 32,512-5.

Salt-cake workers: 21,424; 22,466-7; 32,468-9; 32,496-9; 32,540-3; 32,548-51.

Salt miners: 21,062-5.

Salt workers: 21,062-5; 21,069; 21,082-3.

Still men: 20,831-2.

Vitriol workers: 21,225; 21,256-69; 22,320-1; 22,325-33; 22,341; 32,468-9.

Watermen: 21,062-5.

Grievances re: 22,016-21; 22,044; 22,180.

Irregularity in: 21,055; 21,069.

Meal times: 20,847; 21,064; 21,258-9; 21,264; 21,452-3; 21,977; 22,007-8; 22,012-5; 22,334-40; 32,500.

Night work: 20,589; 21,023; 21,062; 21,261-2; 21,407-8; 21,737; 21,947-9; 22,212-4; 22,321; 22,327; 22,331; 22,342-6; 32,497.

Number of days worked per week: 20,845-6; 21,250; 21,952; 22,220; 32,541.

Overtime: 20,534; 20,845; 21,065; 22,105-9; 22,212; 22,307.

Abolition of, advocated: 22,263-7; 22,306-9.

Associations and: 20,534.

Labour, hours of—continued.**Reduction of:**

Advocated: 21,066-7; 21,962-5; 22,021-5.

Effected: 20,837-8; 21,021; 21,843; 21,916-8; 32,439.

Six hours' day, advocated: 21,226-31; 21,237; 21,256.

Sunday work: 20,534; 20,826; 21,064; 21,081; 21,247; 21,313-7; 21,951-3; 22,154-6; 22,589a.

Abolition of, advocated: 21,963; 22,021; 22,589a.

Associations and: 20,534; 20,826.

Trades' Union, standard of: 20,533.

Lodging and Rent (see *Employed*).**Machinery:**

Displacement of men, by: 20,629-36; 20,640.

Labour-saving: 20,629-40; 21,382; 21,662; 21,697; 22,282.

Protection of: 21,383.

Advocated: 21,038; 23,442-5.

Ventilation, for: 21,672-84; 21,742.

Weighing machines: 22,128-31; 22,183.

Output (see *Production*).**Overtime (see *Labour*).****Production:**

Cost of: 20,801; 21,661-3.

Exports: 21,353-5.

Nature of: 20,590-1; 20,686; 20,762-4; 21,094; 21,359-60; 21,592-4; 21,970.

Output: 21,661-2.

Trade:

Conditions of, changes in: 20,628-9; 21,521-4; 32,418.

Conditions of, in England and abroad: 32,416-8.

Decline of: 20,554-8; 20,646-54; 20,685; 21,525; 21,700-2; 22,349.

Development of: 20,686-8.

Removal of: 20,649-52.

Syndicate, effect of on: 20,653; 22,348-9.

Refutations:

| | Statement. | Denial. |
|---|--|-------------------------------------|
| Employed: | | |
| Ill-health of workmen in chemical works. | 20,779. | 32,389. |
| Injurious effect of salt cake on teeth of workmen. | 21,417-23; 21,544-51; 22,367; 22,432-3; 22,439-41; 22,459-62. | 32,389-93; 32,406; 32,454-60. |
| Use of alcohol as a restorative. | 21,649-51; 22,379-89; 22,478; 22,516-23. | 32,401-5; 32,461-6; |
| Employment, unhealthy nature of bleaching powder manufacture. | 20,561; 20,759; 21,456. | 32,389. |
| Sanitation, temperature of bleaching chambers. | 22,531. | 32,407-8. |

Relief Funds (see *Friendly Societies*).**Remedies:****Accidents:**

Coroners' inquests, representation of workmen at: 22,445-54.

Acts of Parliament, amendments to, advocated:

Employers' Liability Act: 21,039-40; 22,272; 22,589a.

Factory and Workshop Act, 21,745-6.

Arbitration and Conciliation:

Advocated: 21,597-601; 21,626-36; 21,715-6.

Conciliation advocated: 21,766-9.

Conciliation, compulsory, advocated: 21,769.

CHEMICALS.

Remedies—continued.

Associations :
 Restriction of, to separate trades : 20,756 ; 20,960-77.
Eight hours' day (see *Eight Hours' Day*).
Employed :
 Organisation of, advocated : 20,627.
 Provision for lead-workers in old age, advocated : 21,854-5.
Employment :
 Improved conditions in chemical factories, advocated : 20,606-19 ; 20,655-6 ; 21,017 ; 21,231 ; 21,683-4 ; 22,377-8 ; 22,418 ; 22,492.
 Piece-work, abolition of, advocated : 23,985-96 ; 24,079-80.
 Sub-contract system, abolition of : 22,589a.
 Inspection, increased, advocated : 21,596 ; 21,774.
 Inspectors, working-men, advocated, 21,210 ; 21,596 ; 21,774-5 ; 22,416-7 ; 22,492.
Labour :
 Overtime, restriction of : 22,263-7 ; 22,306-9.
 Six hours' day advocated : 21,226-31 ; 21,237 ; 21,256.
 Sunday work, abolition of, advocated, 21,963.
 Machinery, protection of, advocated : 22,442-5.
 Socialism, State : 21,290-306 ; 21,358-67 ; 21,494-7.
 Strikes, settlement of, by inspectors : 21,288-9.
 Wages, State interference in, deprecated : 20,948-9 ; 21,000-2.

Sanitation :

Improved : 21,894-5 ; 22,438 ; 32,413-5.
 Improvement in, advocated : 21,230-1 ; 21,287 ; 22,418 ; 22,492.
 Lighting, unsatisfactory : 22,181-2.
 Temperature : 22,589a.
 Unsatisfactory : 21,385-6 ; 21,739-41 ; 21,776 ; 22,244.
Ventilation :
 Improved : 21,617-9.
 Improvement in, advocated : 21,230-I ; 21,287 ; 22,418 ; 22,492.
 Unsatisfactory : 21,273 ; 21,609 ; 21,747 ; 21,966-9 ; 22,027 ; 22,434-5 ; 22,589a.

Socialism : 21,290-306 ; 21,358-67 ; 21,494-7.

State Interference (see *Eight Hours' Day and Remedies*).

Strikes, Lock-outs, and Disputes :

Associations, Influence of on : 20,547-52 ; 20,851-5 ; 20,859-62 ; 21,055 ; 21,095 ; 21,521 ; 21,654 ; 21,913 ; 22,049-50 ; 22,100 ; 22,190-1 ; 22,253 ; 22,289-91.
Cause of :
 Hours : 21,796.
 Increase of work : 21,763.
 Inferior coals, supply of : 22,116 ; 22,165-70.
 Raking of kilns : 22,030.
 Refusal of extra man : 21,094.
 Tonnage system : 22,122.
 Wages : 20,999 ; 21,056 ; 21,101 ; 21,516 ; 21,765 ; 21,796 ; 21,799 ; 21,913 ; 32,475.
 Federation of Unions, effect of on : 21,045 ; 21,055 ; 21,061 ; 21,097-101.
Important local :
 Liverpool, 1890 : 21,101.
 Llanelli, 1891 : 22,114-7 ; 22,165-70 ; 22,253 ; 22,255-8.
 Morfa, 1890 : 22,093-5 ; 22,105-14 ; 22,139-44 ; 22,250-5 ; 22,297-8.
 Taibach : 22,093-5 ; 22,114.
 Tyneside, 1880 : 21,512-9.
 Tyneside, 1890 : 21,795-801.
 Tyneside, 1891 : 21,761-4.

Strikes, Lock-outs, and Disputes—continued.

Minor local : 20,853-5 ; 20,864-5 ; 21,053-5 ; 21,090 ; 21,094 ; 21,201-2 ; 21,654 ; 21,791-4 ; 21,913 ; 22,029-37 ; 22,046-8 ; 22,054-6.
Number of : 20,550-2 ; 21,066-7 ; 21,512 ; 21,654 ; 21,761 ; 21,765 ; 22,101-4 ; 32,473-4.
Prevention of :
 Arbitration and conciliation, by : 20,869 ; 21,397-403 ; 21,597-601 ; 21,626-36 ; 21,766-9.
 Inspectors, by : 21,288-9.
 Negotiation, by : 20,547 ; 20,852 ; 21,055-6 ; 21,102.
Result of : 21,517-8 ; 21,796 ; 21,800 ; 22,036 ; 22,253-4 ; 22,258.
Settlement of :
 Arbitration and conciliation, by : 22,110-3 ; 22,142-4 ; 22,253-4 ; 22,261 ; 22,301-3 ; 32,475-9.
 Compromise, by : 21,763.
 Negotiation, by : 21,056-60 ; 21,090 ; 21,203-4 ; 21,793-4 ; 22,049-50.
 Strike pay : 20,716-7 ; 20,853 ; 20,926 ; 22,087-90 ; 22,096-7.
 Threatened : 20,743 ; 20,851.

Sub-contract System (see *Employment*).

Trade Unionism :

Advantages of : 20,903-5 ; 21,612-3.
Apprenticeship, and (see *Apprenticeship*).
Arbitration, and (see *Arbitration*).
Benefit funds of (see *Friendly Societies and Relief Funds*).
Conditions of employment and : 20,674-5 ; 22,240-1.
Eight hours' day and (see *Eight Hours' Day*).
Employers :
 Hostility of, to : 20,915-7 ; 22,076 ; 22,253 ; 22,297.
 Indifference of, to : 21,050-1 ; 21,079 ; 22,274.
 Recognition of, by : 20,821 ; 20,858 ; 21,033 ; 21,056-7 ; 21,652-3 ; 22,259 ; 22,292.
 Refusal of, to recognise : 20,855 ; 20,931 ; 21,041 ; 22,142 ; 22,259-62 ; 22,287-91.
 Satisfactory relations of, with : 21,055-61 ; 21,089-93 ; 21,102 ; 22,259 ; 22,302.
 Failure of : 20,753-4 ; 21,191 ; 21,326 ; 21,784-5 ; 21,796-7 ; 22,076.
 Federation of : 21,044-5 ; 21,050 ; 21,055 ; 21,061 ; 21,085-8 ; 21,094 ; 21,097-101.
Hours, influence of, on (see *Labour*).
Inspection and (see *Inspection*).
Necessity for : 20,895-7 ; 20,935-6 ; 20,997.
Non-unionists and members of :
 Proportion of : 20,737 ; 21,072 ; 21,724-5 ; 21,748 ; 21,788-90 ; 22,079 ; 22,205.
 Refusal to work with : 21,050-4 ; 21,076-80 ; 21,755-60.
 Willingness to work with : 20,930 ; 20,958-9.
Officials of : 21,056-7 ; 21,061 ; 21,090 ; 21,557 ; 21,653 ; 21,919 ; 22,067 ; 22,099 ; 22,114 ; 22,192-4.
Overtime and (see *Labour*).
Strikes, influence of, on : 20,547-52 ; 20,851-5 ; 20,859-62 ; 21,055 ; 21,095 ; 21,521 ; 21,654 ; 21,913 ; 22,049-50 ; 22,100 ; 22,190-1 ; 22,253 ; 22,289-91.
Sunday work, and (see *Labour*).
Unemployed and (see *Unemployed*).
Unionists :
 Dismissal of : 22,176 ; 22,253.
 Number of : 20,518 ; 20,544 ; 20,693 ; 20,715 ; 20,727 ; 20,927 ; 21,724-5 ; 21,748-9 ; 21,782 ; 22,073-4 ; 22,204.
Wages, influence of, on (see *Wages*).
Weakness of : 20,627 ; 20,675 ; 21,036-7.
Witness, connection of, with : 20,513 ; 20,700 ; 20,751-3 ; 21,503 ; 21,557 ; 21,751-4 ; 21,938-9 ; 22,062-8 ; 22,196 ; 22,411-2.

Unemployed:

Absorption of: 20,640; 20,845; 21,028.
Associations, and: 20,640-5.
Cause of: 20,628-36; 21,700-5.

Wages:

Advance in: 20,547-8; 20,794-7; 20,840; 20,842;
20,845-6; 20,855-7; 20,938; 21,070; 21,094;
21,369; 21,914-5; 22,283; 22,438.

Average earnings of:

Acid workers: 21,950; 21,954-7; Black ash men:
20,847. Bleaching powder men: 21,319; 22,551;
32,511. Blower men: 20,835-6. Boatmen: 21,073.
Boiler men: 20,794-5. Burner men: 20,845;
21,574-5; 21,694. Carpenters: 21,068; 21,071.
Caustic finishers, 20,846. Chemical workers:
21,318; 21,324; 21,368-9; 21,425-7; 21,433-4;
Coopers: 20,520; 20,530-2; 20,586-7; 20,592-3;
20,634. Copper-plate roller men: 22,210. Copper
smelters: 22,153. Crushers: 20,845. Desilverising
men: 21,727-8. Dischargers: 20,846. Drawing-
on furnacemen, 22,210. Drawing-on roller men:
22,210. Firemen: 21,069. Hoistmen: 20,846.
Joiners: 21,068; 21,071. Lead-workers, 21,841.
Limehouse men: 20,843. Mud-plungers: 20,842.
Neutralisers: 20,839-40. Pan men: 20,846.
Picklers: 22,210. Plate furnace men: 22,210.
Salt-boilers: 21,068. Salt-cake men: 20,794;
22,473-4; 32,495; 32,544-7. Smiths: 21,068;
21,071. Steam-boiler men: 20,846. Still-men:
20,830; 20,832. Sulphur burners, 21,320. Un-
skilled men: 20,635; 21,070; 21,340; 21,573;
21,691-3; 21,729; 21,846; 22,219-20; 22,253.
Vitriol men: 20,824; 20,827; 22,347. White ash
finishers: 20,846. White ash wheelers: 20,846.
Yard labourers: 20,795-6; 20,822.

Bonus: 22,229-31a.

Deductions from: 21,990-4; 22,226-43; 22,257;
22,292-6; 22,579-81.

Grievance of workmen *re*: 21,033; 22,226-39;
22,292-6.

Difference in: 21,057.

Different districts, in: 21,368-9.

Different works, In: 20,821; 20,841; 20,846;
21,554; 21,656; 21,664-6; 22,210; 22,424-5;
22,568.

Fixed by arbitration: 32,475.

Wages—continued.

Fortnightly payment of: 21,250.

Legislation for, deprecated: 20-948-9; 21,000-2.

Overtime, payment for, 20,534-5; 21,065;
21,404-5; 21,842; 22,105-9; 22,222-5; 22,306.

*Paid by employer: 21,070.

Payment made:

Per day: 20,835; 20,842-5; 21,069; 21,884;
21,950; 22,210.

Per hour: 21,730.

Per shift: 31,320; 21,406; 21,574; 1,728;
21,731.

Per week: 20,524-6; 21,053.

Piece-work: 20,586; 20,794; 21,575; 22,473.

Reduction in: 20,641-4; 20,832-3; 20,840;
20,842-3; 20,846; 20,876-7; 21,026.

Strikes and disputes *re*: 21,056; 21,101; 21,514;
21,795-801; 21,913; 22,105-12; 32,475.

Sunday work, payment for, 21,406; 21,431;
22,154-6.

Trades unionism, influence of on: 20,520; 20,524;
20,547-9; 20,640-4; 20,794-7; 20,840; 20,842;
20,845-6; 20,851; 20,875; 20,938; 21,056;
21,073; 21,369-70; 21,579; 21,914-5; 22,283-4.

Weekly sum paid in: 32,380.

Women, of: 21,802; 21,848; 21,884-5.

Women's Labour:

Nature of: 20,661.

Restrictions on: 21,872-4; 21,921-3.

Women:

Age of: 21,867-8.

"Blue bed" women: 21,802.

Breakfast provided for, 21,847-8.

Health of: 20,664-5; 21,803-5; 21,871-81; 21,890.

Married: 21,889-90; 21,920-8.

Medical examination of: 21,812-4; 21,869-70;
21,902-3.

Number of: 21,887-8.

"Stove women": 21,802.

Wages of: 21,802; 21,848; 21,884-5.

CHEMICALS.

COACH-MAKERS.

COACH-MAKERS

Witnesses:

Employed, Waldron, John G. (20,170-350).

Districts and places referred to:

America: 20,215; 20,221; 20,314.

Australia: 20,215; 20,329.

Belfast: 20,230.

Belgium: 20,242-5; 20,306.

Birkenhead: 20,315.

Birmingham: 20,337; 20,340; 20,342.

Bruges (*Belgium*): 20,248-9.

England: 20,214; 20,316; 20,321; 20,329; 20,337.

Europe: 20,329.

France: 20,330.

Gloucester: 20,339.

India: 20,215; 20,312; 20,329.

Ireland: 20,319; 20,321.

Lancashire: 20,182; 20,275-6; 20,283; 20,294; 20,318.

Lancaster: 20,339.

Liverpool: 20,180-2; 20,203-4; 20,231.

London: 20,187; 20,191-4; 20,205; 20,241-5; 20,249-
52; 20,297; 20,301; 20,326.

Manchester: 20,182; 20,341.

Mexico: 20,335.

Newcastle-on-Tyne: 20,320.

Districts and places referred to—continued.

Portugal: 20,334.

Scotland: 20,226; 20,319; 20,321.

Sheffield: 20,338.

South Africa: 20,217; 20,312; 20,333.

South America: 20,329.

Spain: 20,330; 20,334.

United Kingdom: 20,170; 20,259-61.

United States of America: 20,335.

Yorkshire: 20,182; 20,275-6; 20,283; 20,294; 20,318.

Apprenticeship:

Agreement, by verbal: 20,224-8.

Duration of: 20,226.

Number of boys: 20,223.

Associations:

United Kingdom Coachmakers' Union: 20,170-84;
20,191-3; 20,237; 20,254; 20,259; 20,261-3; 20,279-
85; 20,293; 20,298-302.

Competition:

American: 20,218-20.

Councils:

Belfast Trade: 20,230.

COACH-MAKERS.**Eight Hours' Day :**

Legislative advocated : 20,237-9 ; 20,266 ; 20,270-4 ; 20,299-300.

Optional : 20,267-70.

Presumed effect of, on employment : 20,271 ; 20,286-8.

Punishment for non-observance of : 20,240.

Employed :

Classification of : 20,190 ; 20,203 ; 20,303.

Emigration of : 20,217.

Number of : 20,194 ; 20,260 ; 20,295-8 ; 20,303.

Skilled workmen : 20,186-7 ; 20,202 ; 20,229.

Employers :

Carriage companies : 20,335-6.

Birmingham : 20,337 ; 20,340 ; 20,342.

Gloucester : 20,339.

Lancaster : 20,339.

Manchester : 20,341.

Sheffield : 20,338.

Middlemen : 20,205-10.

Employment :

Classification of : 20,196-201.

Nature of : 20,289 ; 20,327.

Piece-work : 20,205-6 ; 20,347-9.

System of working : 20,205-12 ; 20,335-6.

Friendly Societies :

Benefits : 20,177 ; 20,262-5.

Inspection :

Inspectors, insufficient number of : 20,230 ; 20,233.

No system of : 20,231-3.

Inefficient : 20,223 ; 20,230.

Labour :

Hours of : 20,279 ; 20,294.

Reduction of, effected : 20,318-26.

Overtime : 20,271 ; 20,281 ; 20,286 ; 20,290.

Seasonal : 20,271 ; 20,280-1 ; 20,289-90.

Sunday : 20,271.

Machinery : 20,304-5.**Overtime (see under Labour).****Production :****Carriages, of :**

American, copied in England : 20,316-7.

American wood, use of : 20,221-2.

Amount of : 20,343.

Comparison of : 20,330-3.

Export of : 20,213-4 ; 20,310-3 ; 20,328-35.

Foreign :

Different kinds of : 20,247.

Importation of : 20,241-52 ; 20,306 ; 20,314-5.

Prices of : 20,248.

Sold as English : 20,241-5 ; 20,251-2.

Value of : 20,306-9.

Made abroad by English workers : 20,215-6 ; 20,312.

Remedies advocated :

Imported carriages to be marked where made : 20,242.

Increased inspection : 20,230 ; 20,237.

Sanitation :

Unsatisfactory : 20,230 ; 20,234-6.

Ventilation : 20,230.

Strikes :

In 1879 : 20,265 ; 20,294 ; 20,318.

Trade Unionism :

Influence of : 20,254-6 ; 20,276-9 ; 20,282-5 ; 20,291 ; 20,298-300 ; 20,346 ; 20,350.

Number of :

Non-unionists : 20,183 ; 20,261.

Unionists : 20,178-83 ; 20,191-3 ; 20,261 ; 20,275 ; 20,292-3 ; 20,298.

Wages :

Average : 20,185-90 ; 20,203 ; 20,275.

Comparison of : 20,277-8 ; 20,344-6.

Mode of fixing : 20,195-6 ; 20,199-202 ; 20,257-8.

Reduction of : 20,347-9.

Uniformity of : 20,204 ; 20,254-6.

Variations in : 20,185-6 ; 20,203-5 ; 20,257 ; 20,275-8.

COAL-PORTERS.**COAL-PORTERS.****Witnesses :**

Employed : O'Connor, James (32,807-33,005) ; Thorne, William (24,832-834) ; Wheeler, Charles (25,483-673) ; Wilkins, Augustus (32,807 ; 33,005).

Employers : Cameron, Frederick Brough (27,594-28,033 ; and 32,807-33,005) ; Gardner, Thomas (27,594-28,033 ; and 32,807-33,005) ; Jones, H. E. (26,193-27,099) ; Livesey, George (26,693-27,099) ; Locket, G. O. (27,594-28,033 ; and 32,807-33,005) ; Trewby, George Careless (26,423-692).

Districts and places referred to :

Bankside (26,891).

Beckton 25,483 ; 25,522 ; 25,553 ; 25,556 ; 25,560-1 ; 25,582 ; 25,597 ; 25,604-7 ; 26,603.

Brixton (London) : (33,000).

Bromley (Kent) : (32,966).

Camden Town (London) : 27,738 ; 32,990 ; 33,005.

Chelsea (London) : 33,005.

Clapham (London) : 27,698.

Cockhill Wharf (London) : 32,910.

Commercial Wharf (Mile End) : 32,854.

Deptford Creek : 26,891 ; 32,940.

Districts and places referred to—continued.

Dublin : 24,832.

Durham : 25,501 ; 26,264 ; 26,323 ; 26,330 ; 32,854.

Fulham (London) : 32,966.

Greenwich (London) : 26,801 ; 26,981.

East (London) : 26,790 ; 26,891 ; 32,948-53.

Haggerston (London) : 32,966.

Hampstead Road (London) : 27,738-40.

Kensington (London) : 27,698.

Kentish Town (London) : 27,765.

King's Cross (London) : 27,696-8 ; 27,765 ; 32,863 ; 32,870 ; 32,877.

Limehouse (London) : 27,609 ; 27,622 ; 32,841 ; 32,854.

London : 25,602-3 ; 26,193 ; 26,197 ; 26,264 ; 27,596 ; 32,913-4.

Mansion House (London) : 26,245-8 ; 26,538 ; 26,591 ; 26,885 ; 27,638 ; 32,901 ; 32,940 ; 32,954.

Newcastle (Northumberland) : 26,318.

Peckham (London) : 27,698.

Pimlico (London) : 32,966.

Districts and places referred to—continued.

Regent's Canal (London): 26,199; 26,235; 26,239; 26,240; 26,260; 26,264; 27,598; 27,631; 32,810; 32,822; 32,910.
 Rye Lane (London): 27,698.
 St. Pancras (London): 27,638; 27,646; 27,660; 27,738; 27,765; 27,766; 32,863.
 Shakespeare Road (London): 27,698.
 Stepney (London): 26,243.
 Sunderland (Durham): 25,509.
 Tyne (Northumberland): 26,891.
 Vauxhall (London): 26,891; 32,953.
 Wapping (London): 26,199-200; 26,243.
 Walworth (London): 27,609; 27,638; 27,660; 27,765; 32,841; 32,844; 32,863; 32,873.
 Westminster (London): 26,891.

Accidents: 25,522-5; 25,528; 26,245.

Employers' Liability Act and: 25,625.

Acts of Parliament:

Employers' Liability Act, amendment of, advocated: 25,625.

Arbitration and Conciliation:

Approval of: 25,515-22; 26,370-2.

Mansion House, meeting of: 26,538; 26,886.

Arbitration:

Agreed to, but afterwards repudiated by employed: 26,245; 26,256-7; 26,350-1; 26,591-2; 26,595-6; 26,886.

Agreed to by employers: 26,246-9; 26,591; 26,886.

Correspondence, *re*: 26,245-50; 26,257.

Extra money agreed to by employers, pending: 26,245; 26,248-55; 26,339-43; 26,351-3; 26,540-2; 26,594; 26,886; 32,954-7.

Failure of: 26,245; 26,250-9; 26,542-7; 26,596; 26,886; 32,957-61; 32,965.

Arbitrators: 26,245; 26,257; 26,593; 26,886; 32,957.

Matters submitted to: 26,245-6; 26,344; 26,538.

Stoppage of work threatened by Union: 26,245-6; 26,352-3; 26,540; 26,887; 27,819-24.

Prevention of strikes by joint boards of, advocated: 25,514; 25,520-2; 25,616-9; 28,027-33.

Associations:**Of Employed:**

Gas Workers' and General Labourers' Union: 25,519-22; 25,614; 25,620-3; 25,626-31; 25,635-9; 25,672.

Miners' Union: 25,593.

National Amalgamated Society of Coal Porters: 26,194-6; 25,620-4; 25,626-31; 26,246; 26,260-9; 26,271; 26,350; 26,538; 26,912; 26,981; 27,602-4; 27,613; 27,621-4; 27,634; 27,638-55; 27,672; 27,675-8; 27,686-90; 27,738; 27,741-75; 27,780-1; 27,789; 27,804; 27,808-9; 27,815-6; 27,820-4; 27,834; 27,865-75; 27,884-9; 27,895-9; 27,910-8; 27,927; 27,939-50; 27,956-9; 27,984-5; 28,002; 28,007-9; 32,807; 32,828; 32,845; 32,854; 32,870-1; 32,879-81; 32,905; 32,910; 32,961-7; 32,973-6; 32,992; 33,002.

Seamen's and Firemen's Union: 25,596; 25,599; 25,606-7; 26,260; 26,268; 26,320; 26,608-10; 26,887; 26,891; 32,945.

Of Employers:

Shipping Federation: 32,815; 32,918-21.

Society of Coal Merchants: 27,638; 27,695; 27,741; 27,767; 27,800; 27,965; 27,983; 28,002; 32,839; 32,842; 32,905.

Eight Hours' Day:**Legal enactment:**

Advocated for other trades: 25,658; 25,666-9.

Desirable, but impracticable: 25,497-500; 25,656-69.

Forty-eight hours per week, advocated: 25,660-4.

Unemployed, provision for, through: 25,666.

E 78190.

Employed:

Additional gangs objected to by: 27,611-21; 27,638.

Classes of:

Barge porters: 26,245; 26,344-9; 26,540; 26,886.

Casual labourers or odd men: 26,355; 27,611-3; 27,716; 27,720; 27,738; 27,829-32; 27,902-8; 28,000-1; 32,882-91; 32,913-4.

Coal porters: 25,491-3; 26,375-83; 26,540; 26,603-6; 26,629-32; 26,789-90; 26,886-7; 27,604-8; 27,900-1.

Fillers, gangs of: 25,566-72; 25,643-4; 26,240-3; 27,598; 27,839-52.

"Free labourers": 27,638; 27,696-32; 32,908-9.

Permanent men: 27,979; 27,992-28,001.

Weighers: 32,992; 33,005.

Displacement of: 26,540-7; 26,596; 27,638; 27,765; 27,767; 27,795; 27,856-7; 32,965-7.

"Drilling" of: 27,933; 27,966-94; 28,000-1.

Engagement and discharge of: 26,199-200; 26,233; 27,766; 27,928-37; 27,996-9.

Grievances of, *re*:

Blacklisting: 32,839; 32,843.

Carrying capacity of vessels: 25,522-33; 25,539-45; 25,647-52.

Employers: 32,892; 32,900-2; 32,908; 33,000-1.

Employers' Liability Act: 25,625.

Inadequate cranes: 25,522-32; 25,535-7.

Shipping Federation: 32,815; 32,918-24.

Labour bureau for, 27,765-6; 27,877-83; 27,961-80; 32,902-4.

Libel case, *re* Brennan and Wilkins: 27,622-7; 32,845-59; 32,968-86; 32,993-9; 33,002-5.

Middlemen, abolition of: 25,503-10.

Number of: 25,485; 25,620-31; 27,696; 27,717-20; 27,975-85; 32,886; 32,911-7.

Pensioners: 27,733-8.

Prosecutions of: 28,021-6.

Relations with employers: 25,486-90; 25,503-6; 25,516-8; 25,559-62; 25,615; 25,632-4; 26,264-71; 26,891; 27,598-613; 27,733; 27,741; 27,762; 27,779-92; 27,795-9; 27,816-28; 27,853-8; 27,884-5; 32,905.

Spirits and beer given to: 32,891-2.

Steadiness and thrift of: 27,853-5; 27,901.

Suggestion, *re* notice of: 26,325-32.

Union men:

Dismissal of: 26,911-2; 26,981; 27,766; 32,865-73; 32,900; 32,907.

No distinction made between non-unionists and: 26,394; 27,651-4; 27,675; 27,748; 27,765-9; 27,805-10; 27,877-83; 27,958.

Not engaged: 27,672-94; 27,809-14; 27,863-76; 27,940-5; 32,863; 32,873; 32,906-7; 32,909-10; 32,945-8.

Refusal of, to work with non-unionists: 25,590-1; 25,603; 26,246; 26,260-4; 26,268; 26,354-5; 26,384-94; 26,608-13; 26,891; 27,603; 27,636-70; 27,762; 27,897-9; 28,002-8.

Withdrawal of: 25,610-4; 27,859-63; 27,768-9.

Witness, position of: 25,503; 32,807-9.

Employers: 25,528; 25,625.

Arbitration and (see *subject heading*).

Blacklisting by: 32,839; 32,843.

Coals, transhipment of, by: 27,631; 27,713.

Contributions of: 27,996-7.

Demurrage paid by: 26,197; 26,261-3.

"Free labourers," introduction of, by: 27,638; 27,741; 27,765; 27,942-5; 32,909.

Improved relations of employed with: 27,779-80; 27,787-99; 27,856-62.

Increased difficulties of: 27,598-601; 27,605-10; 27,613; 27,638; 27,762-6; 27,771; 27,776-8; 27,927.

Loyalty of men to: 26,891; 27,738; 27,763-5

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COAL PORTERS.

COAL PORTERS. Employers—continued.

Manifesto of: 27,638; 27,747-58; 27,800; 27,939; 32,839.
 Organisation of: 27,741-2; 27,954; 27,983-5.
 Profits and losses of: 25,504; 26,355-60; 26,608-13; 27,765-6; 27,864; 32,914.
 Reckless action and unreasonable demands of employed deprecated by: 26,194-7; 26,235; 26,260-4; 26,891; 27,602; 27,618; 27,622; 27,634; 27,870.
 Suggestion of, *re* Trades Unions: 26,318-34.
 Trades unionism and (see *subject heading*).
 Witness, position of: 27,594-7; 27,632-3; 27,695.

Employment:

Conditions of:
 Contract of service: 26,197-200; 26,233; 26,384-94; 27,928-37; 27,995-9.
 Gangs: 25,644; 25,670; 27,598; 27,840-2.
 Improvement in: 26,245; 26,273-5.
 Piece-work: 25,641-7; 26,885; 27,598; 27,696; 27,716.
 Various: 26,603-6; 26,790; 28,032.
 Highly paid: 26,197; 26,272; 27,849.
 Laborious: 26,383; 27,849-50; 27,900.
 Regular and irregular: 25,647-52; 26,239-40; 26,345-6; 26,375; 26,629-32; 26,790; 26,886; 27,631; 27,696; 27,716-32; 27,905-8.

Labour:

Days, number of:
 Average worked: 26,240-4; 27,847-9; 27,905; 27,977-80.
 Winter and summer, in: 25,575-82; 26,238-44; 26,603-6; 26,629-33; 27,724-5.
 Hours:
 Average: 25,497; 25,653-5; 26,235; 26,245; 26,378-82; 27,622; 27,733.
 Odd men, of: 27,721-31; 27,829-32; 27,902-3; 27,907-8; 27,979-80.
 Steamers, unloading of: 25,563; 25,574-5; 27,843-7.
 Saturday afternoon work objected to: 25,614.

Machinery:

Cost and use of: 26,544-6; 27,598.
 Inadequate: 25,522-5; 25,528-32; 25,535-7.
 Introduction of labour-saving: 26,542-7; 26,596; 26,837; 32,964-7.
 Ownership of: 26,544-6.

Picketing and Intimidation:

Practice of:
 Cameron's and Locket's strikes, in: 27,738-40; 27,765; 28,009-26.
 Coal Porters' strike, in: 26,891; 27,603.

Refutations:

| | Statement. | Denial. |
|--|--|--------------------------------------|
| Employed: | | |
| That casual men are loafers. | 27,730; 27,831-2. | 32,882-93. |
| Trades unionism: | | |
| That O'Connor demanded fine of 50 <i>l.</i> to unload S.S. "Eastern Star." | 27,603; 27,833-8; 32,822; 32,832-4. | 32,810-9. |
| That O'Connor took witnesses in the libel case to the solicitor. | 27,622; 32,854; 32,975-85. | 32,845-53; 32,856. |
| Wages: | | |
| Average rate of | 27,638; 27,696-712; 27,839-43. | 32,860-2; 32,893-6; 32,897-92. |
| That driving money is not paid to carmen. | 27,696; 32,988-9; 33,005. | 33,005. |
| That wages were increased before the formation of the union. | 27,950-3. | 32,992. |

Strikes:

Cameron's and Locket's Strikes: 27,638-94; 27,763; 27,707-803; 32,835-43; 32,863-79.
 Causes of:
 Manifesto issued by employers: 32,835-43.
 Trades Unionism: 27,637-59; 27,946-9.
 Various: 27,638; 27,801-2; 27,909-12.
 Development, organisation, and conduct of:
 Calling out of men by Union: 27,638; 27,738; 27,765; 32,863; 32,879-81.
 Compulsory membership of Union: 27,638-59; 27,911-27.
 "Free labour," importation of: 26,264, 27,638; 27,763-5; 27,767; 32,863-5; 32,909-10.
 Manifesto issued by Union: 27,638, 27,649-51.
 No notice given previous to strike: 27,634-6; 27,638; 27,765.
 Picketing and intimidation: 27,738-40; 27,765; 28,009-26.
 Protection of employed: 27,763-5.
 Resignation of foremen: 27,638; 27,660-4; 32,863.
 Stoppage of work: 26,264; 27,608-9; 32,841; 32,844; 32,854.
 Union men not to work with non-unionists: 27,638; 27,649; 27,664-71; 27,762.
 Walworth and King's Cross, incidents at: 27,638; 27,660-4; 32,863-78.
 Results of:
 Displacement of Union men: 27,638; 27,672-94; 27,765; 27,863-76; 27,940-5; 32,863-73; 32,909-10.
 Improved relations between employers and employed: 27,638; 27,770; 27,787-800; 27,825-8; 27,856-62.
 Settlement of: 27,741; 27,765-9; 27,771; 27,925-7.
 Coal Porters' Strike:
 Causes of:
 Refusal of Union men to work with non-unionists: 26,264; 26,268-9; 26,320.
 Sympathy with Dock Strike: 25,546-58; 26,197; 26,234; 26,336; 26,789; 27,738; 27,740; 27,953; 32,930-6.
 Wages, demand for increased: 25,552-7; 26,199; 26,337-43; 26,886; 27,954; 32,930-40.
 Development, organisation, and conduct of:
 Arbitration, Mansion House (see under *Arbitration*).
 Beckton station, at: 25,546-62.
 "Blocking" non-union men: 26,246; 26,264; 26,268; 26,608-10.
 Calling out men by Union: 26,887; 26,891; 32,810-36.
 Coal Porters' and Seamen's and Firemen's Unions:
 Action of: 26,264; 27,738; 26,887; 26,891; 27,603; 32,810-39.
 Discussion with members of: 27,604; 27,741.
 Formation of: 27,738; 27,741; 27,884; 27,956-7; 32,932.
 Libel case of: 27,622-7; 32,845-59; 32,968-86; 32,993-9; 33,002-5.
 Notice issued by: 26,891.
 Picketing and intimidation by: 26,891; 27,603.
 Refusal to unload S.S. "Black Diamond": 25,583-603; 25,608-14; "Eastern Star": 26,260-3; 26,267; 26,354-63; 27,602-4; 27,833-8; 32,810-4; 32,818-9; 32,832-4; "Emerald": 25,604-7; "Refulgent": 27,622.
 Employers, loss to: 26,269; 26,355-63; 26,611-3; 26,891; 27,624.
 "Free labour," introduction of: 26,354-5; 26,808.
 Loyalty of men: 26,891.

Strikes—continued.

No notice given previous to strike: 26,198-210; 26,233; 26,739-90; 26,886; 26,891; 32,933-7.

Wages, demand for, increased: 26,197; 26,235; 26,789; 27,954-5; 32,938.

Wapping derrick, at: 26,264.

Results of:

Displacement of men: 26,542-7; 26,886-7.

Free labour bureau, formation of: 27,765-6; 27,877-83; 27,961-76.

Strikes, generally:

Minor disputes: 24,832-3; 25,486-90; 25,632-4; 26,194-7; 27,605-7; 27,611-21.

Undesirable effect of: 25,517-8; 26,323-4.

Prevention of:

Board of Arbitration, composed of practical men, by: 25,514; 25,616-9; 28,028-33.

Direct contact between employers and employed, by: 25,502-3; 25,506; 25,516; 25,615; 28,028.

Organisation, by: 26,373.

Trade Unionism:

Aggressiveness of, alleged: 27,638; 27,738; 27,766; 27,870; 27,885.

Arbitration:

Approved by: 25,519-22.

Mansion House (see under *Arbitration*).

Employed (see *subject heading*).

Employers:

Friendly relations of: 26,266; 27,598; 27,741; 27,770-5.

Improved relations of: 26,597-9; 26,612-3; 27,770; 27,779-80; 27,787-800; 32,905.

No distinction made by, re unionists or non-unionists: 26,394; 26,602; 27,651-4; 27,675; 27,748; 27,765-9; 27,805-10; 27,877-83; 27,958.

Objections of: 26,384-94; 27,602-7; 27,611-21; 27,637; 27,777-8; 27,796; 27,806; 27,870-4; 27,887.

Official recognition by, under certain conditions: 27,741-2; 27,766; 27,800-4; 27,938-40; 28,002-8.

Organisation, right of, admitted by: 27,685-7; 27,691-4; 27,813; 27,891-4; 27,909-12; 27,938.

Unanswered letters of: 26,267; 26,271; 26,385; 27,638; 27,869; 32,845.

Union men no longer engaged by certain: 27,672-94; 27,809-14; 27,863-76; 27,940-5; 32,873; 32,906-10; 32,945-8.

Union subscription, payment of, and: 26,393; 27,766; 27,807.

Federation and mutual support of: 25,596-9; 25,608-10; 25,620-3; 25,626-30; 25,636-40; 26,260-5; 26,268; 26,270-1; 26,887; 26,891; 27,603.

Deprecated: 26,260; 26,318-33; 27,602.

Executive of: 27,741; 27,816-22; 27,885; 32,943-4.

Formation of: 27,738; 27,741; 27,884; 27,956-7; 32,932; 32,938; 32,992.

Labour bureau established by: 32,902-4.

Trade Unionism—continued.

Libel case instituted by: 27,622-7; 32,845-59; 32,968-86; 32,993-9; 33,002-5.

Manifesto issued by: 27,638; 27,742-58.

Membership of:

Compulsory: 25,606-8; 27,638-59; 27,742-62; 27,871; 27,887; 27,895-9; 27,913-5.

Deprecated: 25,594-5; 27,637; 27,748.

Decrease in: 27,780-6.

Payment of arrears of: 27,898-9; 27,917-27; 32,870-1; 32,908.

Number of: 25,628-30; 32,911-2; 32,915-7.

Steamers blocked by: 25,588-91; 26,608-11; 26,887.

Strikes, and (see *subject-heading*).

Not sustained by executive of: 26,194-6; 27,748-64; 32,877.

Wages:

Allowance for waiting, "driving money," &c.: 26,235; 27,696; 32,988-9; 33,005.

Average earnings:

Analysis of: 27,696-716.

Barge and coal porters, of: 26,347-9; 26,376-7; 26,885; 27,696-7; 32,953-7.

Carmen, of: 27,696-9; 27,907; 32,988-91.

Casual or odd men, of: 27,622; 27,716; 27,979-81.

Fillers, of: 25,564-74; 27,598; 27,839-52; 32,938; 32,948-51.

Extras demanded in: 27,622; 27,780; 27,959-60.

Payment of, system of: 25,509; 25,642-6; 27,598; 27,706-10.

Settlement of: 25,670-2; 27,598.

Rate of:

Average: 25,495; 25,654-5; 26,235-7; 26,603; 27,628-30; 27,638; 27,696-712; 32,860-1; 32,898-6.

Day or weekly: 26,885; 27,696; 32,951; 33,005.

Dependent on weather, &c.: 25,494-6; 25,499-501.

Discharging, for: 26,540; 26,885.

Exceptional: 27,696-7.

Minimum, offered: 27,613; 27,616-20.

Piece-work or tonnage: 25,495-6; 25,645-6; 25,670-3; 26,200; 27,598; 27,696; 27,733; 27,928-9; 33,005.

Reduction in: 27,771.

Rise in: 25,503; 25,511-3; 25,560-5; 26,235; 26,347-8; 27,950-5; 32,955-6.

Through Mansion House Arbitration: 26,245-59; 26,264; 26,350-3; 26,538-43; 26,594-6; 26,886-7; 27,638; 32,940-5; 32,955-66.

Summer and winter: 25,580; 27,710-2.

Sunday work: 26,305-9; 26,364-6.

Union: 27,638; 27,771; 32,897-9; 32,925-9; 32,947; 32,987-90; 33,005.

Strikes and: 25,552-62.

Sub-contractors and: 25,503; 25,507-10.

COAL PORTERS.**CONFECTIONERY.****CONFECTIONERY.****Witnesses:**

Employer: James, Clara (8398-8694).

Independent: Taylor, J. (23,447-618 and 23,648-701); Wilson, H. J. (23,619-701).

Districts and places referred to:

Bexley Heath (*Kent*): 8463.

Birmingham: 8514.

England: 8424.

Hackney Wick (*Middlesex*): 8537.

Harefield (*Middlesex*): 8480.

Districts and places referred to—continued.

Isle of Wight: 23,636.

London: 8399; 8403-7; 8424; 8463; 8502; 8585; 8601; 8649-53; 8656; 8686; 23,513.

Sheffield: 23,447-8; 23,508-13; 23,619; 23,622-3; 23,626-8; 23,676.

Yorkshire: 23,621.

Accidents:

Causes of: 8499; 8501; 8590-1.

Number of: 8499; 8591.

Results of: 8500-1; 8590.

CONVENTIONARY. Acts of Parliament:

Factory and Workshop Acts: 8433-4; 8594.
Truck Act: 8584.

Associations:

Confectioners' Trade Union: 8398; 8407-11; 8428-9;
8477-8; 8482-9; 8493; 8517-8; 8529; 8539-42;
8566-9; 8578-80; 8585; 8609; 8615; 8634; 8661;
8680; 8684.

Gas-workers' and General Labourers' Union: 23,447-
55; 23,504a-6; 23,511-4a; 23,623-9; 23,636;
23,640-7; 23,652-4; 23,675.

Women's Trade Union Association: 8566; 8680;
8687.

Black Listing:

No system of: 8684-5.

Compensation: 8590; 8611.

Competition: 8514; 8556.

Co-operation:

Co-operative wholesale firm: 8499; 8562.

Councils:

Trades: 8399; 8656.

Eight Hours' Day:

Trade option advocated: 23,693-9.

Employed:

Age of: 8417-8; 8585; 23,675.

Character of: 8519-20; 8525; 8566; 8574; 8678.

Clothing of, damaged: 8561-3; 8613.

Complaints of: 8457; 8507-8; 8585-6; 8592-4;
8598-9.

Demand and supply of: 8502-4; 8568; 8623-4;
8646-7; 23,676-9.

"Drilling" of: 8446-8; 8595-7; 8608.

Ill-health of: 8438; 8457; 8462-3; 8499; 8548; 8552

Intimidation of: 8485-9; 8580; 8648; 23,688-90.

Lodging of: 8559-60.

Married women: 8504-5.

Number of: 8402-6.

Parentage of: 8549.

Relations with employers: 8515; 8529; 8592-4.

Training of: 8621-2; 8644-6.

Employers:

Conduct of: 8552-3.

Factories:

Allen's: 8551-2.

Clarke, Nickolls, and Coombs: 8529; 8537-8.

Drysalters': 8592-4; 8603; 8693.

Jam: 8590.

Mineral water: 8501.

Pink's: 8406; 8443-4.

Foremen and women: 8429; 8446; 8517; 8562;
8566; 8590-1; 8594-7; 8608; 8640; 8646; 8686.

Conduct of: 8446; 8596; 8617-20; 8674.

Provision of clothing by: 8499; 8509; 8562; 8564.

Punishment of, for intimidation, advocated: 23,690-2.

Employment:

Classification of: 8420; 8468; 8594; 8644; 8675.

Conditions of:

Dangerous: 8499-501; 8564.

Improvement of: 8517; 8634; 23,675.

Irregular: 8467-8.

Laborious: 8562; 8589-90; 8612-4; 8689.

Unhealthy: 8438; 8441-2; 8499; 8501; 8564;
8677; 8689; 8693.

Employment—continued.

Day-work: 8607; 8644.

Domestic service, objections to: 8550-8; 8625;
8627-8.

Effect of, on employed: 8438; 8442; 8457; 8462-7;
8499-501; 8552; 8564; 8612; 8677.

Effect of weather on: 8468; 8609-10.

Factory work, advantages of: 8557-8.

Increase of: 8423-6; 8601.

Nature of: 8438; 8440; 8499; 8501; 8505; 8514;
8552; 8561; 8586-91; 8614.

Piece-work: 8414-6; 8468-9; 8512; 8606-10; 8621;
8644.

Skilled labour: 8643-5.

System of working: 8468-72; 8499-501; 8514;
8562-3; 8590-1; 8607-8; 8612-3.

Fines (see under *Wages*).**Friendly Societies and Relief Funds:**

Clothing clubs: 8518-27.

Opposition of employers to: 8518; 8528.

Insurance club: 8529.

Sick and hospital clubs: 8453-61; 8545-8; 8577-8;
8592; 8598-9.

Complaints of management of: 8457-61; 8548;
8577-8; 8598-9.

Inspection:

Inefficiency of: 8473-7.

Inspectors:

Complaints of: 8507-8.

Complaints to: 8478-80.

Evasion of: 8592-4.

Insufficient number of: 8480.

Visits of: 8474-8; 8506.

Women, advocated: 8508; 8635-41; 8688-91.

Labour:

Hours of: 8431-2; 8444; 8582.

Mealtimes: 8430; 8432-45; 8517; 8608; 8616;
8677.

Night-work: 8480-1.

Overtime: 8480-1; 8586; 8592-4; 8646.

Seasonal: 8457; 8467-8; 8607; 8623; 8675.

Machinery:

Amount of, used: 8436-8.

Worked by women: 8586-8; 8612.

Overtime (see under *Labour, Wages*).**Production:**

Materials used in: 8438-42; 8499; 8501; 8509;
8562-4.

Varieties of: 8420-2; 8499; 8590-1; 8594; 8607;
8612-3.

Profit Sharing: 8531-5; 8539; 8634.**Remedies advocated:**

Abolition of fines: 8604-5.

Amendment of Factory Act: 8594.

Improved relations between employers and em-
ployed: 8515-6.

Provision of protective clothing: 8501; 8509; 8565.

Women inspectors: 8508; 8635.

Sanitation:

Complaints of: 8478.

Unsatisfactory: 8449-52; 8509; 8698.

Ventilation: 8609.

Strikes, Lock-outs, and Disputes :**London, in :**

Assistance from men during : 8657-9.
 Causes of : 8412; 8514; 8517-8; 8594; 8616.
 Duration of : 8616; 8648.
 Importation of labour during : 8647-8.
 Number of employed affected : 8647.
 Results of : 8514; 8582; 8616.
 Sheffield lock-out : 23,447-54; 23,623; 23,639-41.
 Result of : 23,673-5.

Trade Unionism :

Influence of : 8517; 8585; 8626; 8634.
 Number of unionists : 8408; 8568; 23,447-50.
Trade Unions :
 Attitude of, towards non-unionists : 8488-9.
 Compulsory membership of, deprecated : 23,063-72; 23,680-5.
 Conduct of : 8487; 23,506-11.
 Dismissal of employed for joining : 8409-11; 8428-9; 8483-6; 8493; 8566-7; 8580; 8680; 8683; 23,447-54; 23,632; 23,644; 23,648-9; 23,652-9; 23,686-7.
 Establishment of : 8429; 8579; 8615; 23,624-30.
 Necessity for : 8541-2; 8567; 8649.
 Obstacles to joining : 8409; 8429; 8486; 8493; 8518; 8567; 8580-1; 23,447-8; 23,660.
 Officials of : 8398; 8494-7; 8572; 8679-83; 23,513.

Trade Unionism—continued.

Opposition of employers towards : 8484-7; 8518; 8540; 8566; 8580; 23,448-54; 23,504a-13; 23,632-8; 23,642-52.

Women in men's Unions, deprecated : 8660-1.

Truck System (see under Wages).**Wages :**

Average : 8413; 8417-9; 8427; 8429; 8514; 8552; 8586; 8592; 8603; 8664-70; 23,675.
 Bonus system : 8529-30; 8540; 8634.
 Deductions : 8453-7; 8577; 8583-5; 8599-600; 8603; 8664.
 Fines : 8428-30; 8446; 8499; 8517; 8543-4; 8561; 8563; 8575-6; 8602; 8316.
 Abolition of, effected : 8616; 8634.
 Mode of fixing : 8414-6; 8512; 8514.
 Overtime : 8592-4; 8646.
 Reduction of : 8511-6; 8601; 8624.
 Cause of : 8514; 8556; 8559-60; 8567; 8582.
 Truck system : 8583-5.
 Variations in : 8510-2; 8559; 8607; 8669-70.

Women's Labour :

Attitude of men's Unions towards : 8654-63.
 Lady Sub-Commissioners, appointment of, considered : 8490; 8639; 8686-7; 8692.
 Working women's evidence advocated : 8490-3; 8632-42; 8686-7. (See also under *Employed, Employment, Machinery, and Wages.*)

COOPERS.

COOPERS.

Witnesses :

Employed : Girling, Edward (20,513-699); Sharp, Henry (20,351-444); Wright, W. (20,445-512).

Districts and places referred to :

Bradford : 20,362.
 Burton-on-Trent : 20,351-60; 20,365-6; 20,371; 20,384-5; 20,392; 20,403; 20,428; 20,521.
 Edinburgh : 20,445-6; 20,505.
 England : 20,650.
 Felling (*Durham*) : 20,601.
 Germany : 20,649-50.
 Leith : 20,445-8.
 London : 20,355; 20,359; 20,384-5; 20,425-9; 20,521.
 Newcastle-on-Tyne : 20,513-9; 20,630; 20,677.
 Northumberland : 20,558.
 Scotland : 20,627.
 St. Helen's (*Lancashire*) : 20,650-2; 20,654.
 Widnes (*Lancashire*) : 20,650-2; 20,654.

Accidents : 20,676.

Allowances : 20,415-6; 20,418.

Apprenticeship :

Apprentices, 20,397; 20,490-2; 20,536-7; 20,543; 20,633.
 Indenture system :
 Advocated : 20,538-9.
 Objections to : 20,540-3.
 Length of : 20,493; 20,536.

Arbitration and Conciliation :

Advocated : 20,394-6; 20,423-4.
 Arbitrators : 20,395
 Joint Committees : 20,325-9; 20,457-62; 20,483-4.

Associations :

Brewery Labourers' Union : 20,505.
 Leith, Edinburgh, and District Mutual Association of Coopers : 20,445-52; 20,457; 20,481-2; 20,500; 20,512.
 Mutual Association of Coopers : 20,361-4; 20,514; 20,516-7; 20,559; 20,625.
 National Amalgamated Society of Coopers, Newcastle : 20,513-21; 20,546; 20,554; 20,560; 20,639; 20,674; 20,677-8; 20,691; 20,699.
 Philanthropic Society of Journeymen Coopers :
 Burton-on-Trent Branch : 20,351-60; 20,365-6; 20,442; 20,521.
 London Branch : 20,355; 20,521.

Councils :

Trades : 20,677-8; 20,680; 20,682.

Eight Hours' Day :

Deprecated : 20,442-4; 20,495; 20,503-4; 20,507; 20,559; 20,625.

Employed :

Allowances to : 20,415-8.
 Classification of : 20,372-6; 20,430; 20,434; 20,639.
 Condition of : 20,627.
 Contract men : 20,589.
 Diseases of : 20,624.
 Health of : 20,573-4; 20,585; 20,620-4; 20,662; 20,676.
 Lodging of : 20,427-9.
 Muzzles, use of, by : 20,561; 20,564-74; 20,576-85; 20,655-6.
 Number of : 20,358; 20,371; 20,417; 20,435; 20,446; 20,565; 20,575; 20,689-90.
 Relations with employers : 20,382-4; 20,403; 20,408; 20,547-9; 20,553; 20,560; 20,627.
 Relations with machine-men : 20,433.
 Skilled labour : 20,376; 20,543; 20,634; 20,678.
 Tools of : 20,367-70; 20,372.
 Unskilled labour : 20,431; 20,465; 20,632; 20,678.

COOPERS.

Employers :

Attitude of, towards workmen : 20,385 ; 20,393-402 ;
20,474 ; 20,627.
Classification of : 20,484-7.
Firms :
Bass and Co. : 20,417 ; 20,432.
Friar's Goose Chemical Works : 20,601.
Truman, Hanbury, Buxton, and Co. : 20,385.

Employment :

Classification of : 20,372-6 ; 20,448 ; 20,527 ; 20,543.
Conditions of :
Irregular : 20,420-2 ; 20,439 ; 20,453 ; 20,628 ;
20,653.
Unhealthy : 20,561 ; 20,620-4 ; 20,656 ; 20,661.
Workshops, in : 20,413 ; 20,474 ; 20,477-9 ; 20,561 ;
20,683.
Dairy work, decrease of : 20,554-8.
Day work : 20,372 ; 20,379 ; 20,520 ; 20,525 ; 20,528 ;
20,536.
Heading up casks : 20,561-3 ; 20,572 ; 20,575 ;
20,586-7 ; 20,615 ; 20,661.
Improved process of working : 20,595 ; 20,603-6.
Advantages of : 20,595 ; 20,598-601 ; 20,608 ;
20,623 ; 20,672.
Advocated : 20,595 ; 20,606 ; 20,616 ; 20,656 ;
20,669-74 ; 20,683-4.
Effected : 20,595-7 ; 20,601-2.
Nature of : 20,607-14 ; 20,617-9.
Obstacles to : 20,674.
Piece-work : 20,378-80 ; 20,457 ; 20,525 ; 20,528 ;
20,536.

Friendly Societies and Relief Funds :

Benefits :
Funeral : 20,366 ; 20,691-7.
Insurance : 20,366-7.
Out of work : 20,366 ; 20,450-2
Sick : 20,450-2 ; 20,691-7.
Superannuation : 20,366.

Inspection :

Inspectors :
Complaints of : 20,680-2.
Preparation for visits of : 20,657-60.
No system of : 20,489.

Joint Committees (see under Arbitration).**Labour :**

Holidays : 20,418-9.
Hours of : 20,377 ; 20,410 ; 20,456 ; 20,463-4 ;
20,466-7 ; 20,533 ; 20,588 ; 20,627.
Night-work : 20,534.
Overtime : 20,440-2 ; 20,511 ; 20,534 ; 20,640-1 ;
20,645.
Reduction of hours :
Advocated : 20,442 ; 20,503-8 ; 20,626 ; 20,640.
Effected : 20,463 ; 20,474 ; 20,641-4.
Obstacles to : 20,465 ; 20,505 ; 20,509.
Seasonal : 20,628 ; 20,640.
Sunday : 20,534.

Machinery :

Introduction of : 20,432 ; 20,637-8.
Effect of : 20,432 ; 20,436 ; 20,629-32 ; 20,636 ;
20,640.
Obstacles to : 20,438.

Output (see under Production).**Overtime (see under Labour, Wages).****Production :**

Brewery casks, of : 20,432 ; 20,448 ; 20,457 ; 20,629.
Butter casks, decrease of : 20,555.
Herring casks, of : 20,449.
Material for : 20,432 ; 20,438.
Output :
Comparison of : 20,432 ; 20,436.
Decrease in : 20,653.
Trade :
Decrease in : 20,646-53 ; 20,685 ; 20,687.
Increase in : 20,432 ; 20,686 ; 20,688.

Remedies advocated :

Adoption of improved process in chemical works :
20,595 ; 20,666 ; 20,669.
Inspectors visits not to be notified : 20,666.

Sanitation :

Satisfactory : 20,414 ; 20,494 (also see under
Employment).

Strikes :

Cause of : 20,397 ; 20,474 ; 20,497.
Cost of : 20,407.
Duration of : 20,499.
Number of : 20,383 ; 20,404-5 ; 20,550-2.
Results of : 20,397 ; 20,406 ; 20,472-3 ; 20,482 ; 20,498-
500.
Settlement of : 20,405 ; 20,407 ; 20,468-70 ; 20,483-5.

Trade Unionism :

Attitude of employers towards : 20,472 ; 20,481-2.
Disorganisation, effects of : 20,674-5.
Influence of : 20,534 ; 20,640-5.
Non-Unionists : 20,397 ; 20,473 ; 20,545.
Organisation advocated : 20,505-8 ; 20,627.
Unionists, number of : 20,352 ; 20,356-7 ; 20,361 ;
20,447-8 ; 20,512 ; 20,518 ; 20,544.

Unemployed : 20,628-31 ; 20,640 ; 20,645.**Wages :**

Apprentices, of : 20,536.
Average : 20,378 ; 20,409 ; 20,418 ; 20,454-6 ; 20,520 ;
20,524-6 ; 20,530 ; 20,634.
Comparison of : 20,425-6 ; 20,476 ; 20,480 ; 20,592-3 ;
20,640.
Heading up casks, for : 20,586-7 ; 20,589 ; 20,592.
Increase of : 20,385-92 ; 20,474-5 ; 20,501-2 ;
20,547-8.
Mode of fixing : 20,380-1 ; 20,384-5 ; 20,455-9 ;
20,522-5 ; 20,547.
Overtime : 20,441 ; 20,511 ; 20,534-5.
Reduction of : 20,497 ; 20,635 ; 20,641-4.
Variations in : 20,371-5 ; 20,398-402 ; 20,430-1 ;
20,530-2.

Women's Labour :

Effect of : 20,664-5.
Nature of : 20,661.

CORK CUTTERS.

CORK CUTTERS.

Witness:

Employed: Boyd, James (31,425-440).

Acts of Parliament:

Merchandise Marks Act: 31,435.

Associations:

International Union of Cork Cutters: 31,425-6;
31,429.

Competition:

Foreign: 31,433-5.

Employed:

Complaints of: 31,433-4; 31,438.

Number of: 31,429-32; 31,440.

Relations of, with employers: 31,436-7.

Trade Unionism:

Unionists, number of: 31,427-8.

COTTON.

COTTON.

Witnesses:

Employed: Barber, George (1818-1936); Billington, James (4725-4781); Birtwistle, Thomas (1182-1608); Booth, William (807-1181); Cowell, John (4725-4781); Holmes, David (807-1181); Mawdsley, James (702-807); Mullin, William (1-475); Silk, George (476-701); Stewart, James (2959-3181); Wilcock, John (3182-3428); Wilkinson, W. H. (1609-1817).

Employers: Rawlinson, Joshua (2406-2958); Russell, William Allen (3429-3645); Simpson, Albert (1937-2405).

Independent: Jones, G. D. (3822-3913); Noble, William (3914-4222); Osborne, Edward Haydon (4571-4724); Tatham, John (8122-8175); Waddington, Richard (3646-3821); Whympers, Frederick H. (4223-4570).

Districts and places referred to:

Aberystwith (*Cardiganshire*): 4522.
Accrington (*Lancashire*): 94; 97; 432; 1368-74; 1429; 2444; 2638; 3916.
Ashton-under-Lyne (Staleybridge, Duckinfeld, Mossley), (*Lancashire*): 154; 409; 432; 879; 950; 1012; 1070; 1104; 1655; 1735; 2852; 3916; 4227.
Bacup (*Lancashire*): 586; 1228; 3916.
Birmingham (*Warwickshire*): 4503.
Blackburn (*Lancashire*): 98; 409; 839; 904; 1136; 1183; 1302; 1307; 1310; 1601; 1613; 1818-20; 1870; 2408; 2436; 2444; 2548; 2639; 2671; 2689; 2744; 2751; 2765; 2774; 3183; 3189; 3250; 3254; 3310; 3313; 3315; 3388; 3758; 4587; 4598.
Bolton (*Yorkshire*): 3647; 3685; 3703; 3706; 3744; 3748; 3762; 3777; 3781; 3786; 3813.
Bradford (*Yorkshire*): 3662; 3856; 3899; 3904.
Breconshire: 4516; 4522.
Bristol (*Gloucestershire*): 4227.
Burnley (*Lancashire*): 409; 432; 807-12; 844; 874; 892; 904; 909; 926; 970; 974; 1006; 1013; 1022-3; 1041; 1045; 1078-85; 1088; 1101; 1124; 1507; 1571; 1686; 1823; 2444; 2526; 2550-2; 2592; 2638; 2685; 2689; 2736; 2752; 2765; 2774; 2851; 2869; 2874; 3916.
Bury (*Lancashire*): 3916; 3929; 3934; 4017; 4065; 4211.
Calder Vale: 2571.
Cardiff (*Glamorganshire*): 4518.
Cardiganshire: 4514; 4522.
Carmarthenshire: 4512.
Cheshire: 705; 840; 958; 1241; 1613; 3650; 3678; 3828; 4607.
Chorley (*Lancashire*): 1183; 1654; 3916.
Church (*Lancashire*): 1228.
Clayton-le-Moors (*Lancashire*): 1228; 3916.
Clithero (*Lancashire*): 3916.
Colne (*Lancashire*): 1006; 1183; 2584.
Cornwall: 4227; 4234; 4496.
Darwen (*Lancashire*): 1183; 1307; 1571; 1682-6; 1704; 1719; 1765; 1816; 3916.
Derbyshire: 705; 1242; 1613; 3650; 4328; 4607.
Devonshire: 4492.

Districts and places referred to—continued.

Glamorganshire: 4511.
Glasgow (*Lancashire and Renfrewshire*): 26.
Glossop (*Derbyshire*): 1228; 3749; 3916.
Great Harwood (*Lancashire*): 1228; 1307; 3916.
Hadfield (*Derbyshire*): 3916.
Haslingden (*Lancashire*): 1228; 1307; 1571; 1682-6; 1704; 1719; 1765; 1816.
Heywood (*Lancashire*): 3916.
Huddersfield (*Yorkshire*): 3856; 3859.
Hyde (*Cheshire*): 957; 2852; 3916.
Lancashire: 361; 379; 421; 746-7; 830-2; 839; 892; 904; 952; 971; 974; 1006; 1070; 1075; 1082; 1126; 1175; 1182; 1238; 1341; 1359; 1417; 1568; 1613; 1742; 1954; 2305; 2418; 2526; 2578; 2996; 3283; 3458; 3492; 3547; 3554; 3561; 3591; 3598; 3650; 3674; 3678; 3682; 3720; 3787; 3828; 3834; 3910; 4227; 4418; 4574; 4597; 4607; 4615.
Leeds (*Yorkshire*): 3662; 3855.
Leicestershire: 3650; 3678; 3828; 3859.
Littleborough (*Lancashire*): 3916.
Liverpool (*Lancashire*): 3577.
London: 4227; 4233; 4344; 4492.
Macclesfield (*Cheshire*): 3916.
Manchester (*Lancashire*): 24; 245; 250; 879; 1228; 1302; 2409; 3744; 3916; 8129.
Monmouthshire: 4510.
Montgomeryshire: 4509; 4513.
Nelson (*Lancashire*): 1006; 1657; 2584.
Nottingham (*Nottinghamshire*): 4227; 4326.
North Bierley: 3857.
Oldham (*Lancashire*): 93; 97; 159; 178; 202; 214; 239; 409; 432; 478; 493; 499; 500; 510; 515; 573; 579; 585; 599; 606; 612; 624; 648; 657; 678; 691; 697; 737; 747; 1955; 2033-8; 2685; 2778; 3524; 3573; 3578; 3606; 3916; 8129.
Oswaldtwistle (*Lancashire*): 1228.
Padiham (*Lancashire*): 2436; 2444; 2639; 3916.
Pembrokeshire: 4522.
Plymouth (*Devonshire*): 4136.
Preston (*Lancashire*): 743; 1183; 1423; 1653; 1944; 2140; 2178; 2408; 2638; 2657; 2689; 2765; 2774; 3027; 3105; 3191; 3225; 3245; 3254; 3310; 3314; 3324; 3330; 3375; 3386; 3429; 3598; 3916; 4452; 8129; 8166.
Ramsbottom (*Lancashire*): 3916.
Rawtenstall (*Lancashire*): 1228.
Rishton (*Lancashire*): 1228.
Rochdale (*Lancashire*): 1228; 1870; 2589; 2851; 3578; 3662; 3916; 4613.
Rossendale Valley (*Lancashire*): 1307.
Sabden: 1613.
Salford (*Lancashire*): 8128.
Staffordshire: 3678; 3828.
Stockport (*Cheshire*): 409; 459; 743; 3916; 4227; 4452.
Swansea (*Glamorganshire*): 4492; 4503; 4518.

Cotton.

Districts and places referred to—continued.

Todmorden (*Lancashire*): 1228; 1307; 2563; 2617; 3916; 4130; 4152; 4157.
 Wales (South): 4227.
 Warrington (*Lancashire*): 3916.
 Whittlefield: 2569-70.
 Wigan (*Lancashire*): 409; 586; 3916.
 Wyke (*Yorkshire*): 3822.
 Yorkshire: 705; 1239; 1613; 3650; 3678; 3828; 3833; 4227; 4418; 4574; 4607.

Accidents:

Causes of: 81; 84-6; 113; 146-8; 1300.
 Compensation for: 108; 112-3; 128; 303-5; 716.
 Insurance against: 1402-3.
 Number and nature of: 87; 145; 1300; 2500-2.
 Prevention of: 108-14; 1402-3.

Acts of Parliament:

Bankruptcy Act: 2269-74; 2756.
 Conspiracy and Protection of Property Act: 2251-60; 2293; 2299; 2307; 2326-39; 2862-4.
 Cotton Cloth Factory Act: 1303; 1319; 1348; 1827-30; 1833-4; 1836; 1843-6; 1851; 1858-9; 1873; 1885-7; 1918-23; 3975-91; 4286-7; 4304-6; 4317; 4394; 4413-5; 4571; 4578; 4581-6; 4594-610; 4613; 4616-24; 4641; 4658; 4660; 4675.
 Currency Act: 2267-9.
 Education Act: 960; 3654; 3667; 3673; 3676-7; 3786-7; 3869; 3874.
 Employers' Liability Act: 108; 113; 479-81; 716-7; 1349-51; 1399; 1402-3; 1805-6.
 Factory and Workshop Act:
 1867, of: 4227; 4559.
 1874, of: 77,960-1.
 1878, of: 106; 267; 501; 743; 960-6; 1092; 1138; 1286-95; 1425; 1475; 1481; 2833; 2910-3; 2916; 2922; 2929-48; 3418; 3667; 3707; 3754; 3786-8; 3874; 3905; 4038; 4186; 4198-9; 4228; 4249; 4264; 4295; 4303; 4307; 4324; 4412; 4448; 4452; 4458-67; 4506; 4547; 4566.
 1891, of: 80-3; 466; 806-7; 892-4; 1346; 3961-74; 4297; 4302; 8141-2.
 India, of: 453-4.
 Lace Factories Act: 4227.
 Landlords' Act: 2265-74; 2756.
 Limited Liability and Joint Stock Companies Act: 94; 2037-8; 2047; 2070-2; 2104-5; 2267-9; 2340-52; 2354; 2545-7; 2753-5; 2894-8.
 Merchandise Marks Act: 4022-33; 4075; 4077; 4168-9.
 Rating of Machinery Act: 2267-9.

Allowances: 1277; 2716.**Apprenticeship:** 355.**Arbitration and Conciliation:****Arbitration:**

Advocated: 1717-8; 1736; 1738-40; 1991-2; 2389.
 Awards, enforcement of: 983; 1994-7; 2006; 2009-12; 2015-6; 2383-8.
 Constitution of boards of: 774-7; 1738-40.
 Depreciated: 452; 556-7; 723-7; 774-6; 1329-31; 1712-3; 1799; 1800-2; 2002; 2018-20; 2452-9; 2642-3; 2652-4; 3947; 3950; 3955-60.
 Experts as arbitrators advocated: 1809; 2023-8; 2442.
 Not needed or resorted to: 444-6; 556; 573; 1709-12; 1797; 2651.
 Refusal of: 1333; 1795-6; 2439-42; 2641; 2649-50; 2654-5; 2730; 3949.
 Results of: 774; 776-7; 1337; 1996; 2450; 2652-3; 3952-3.
 State boards of, considered: 1019-21; 1113-4; 2022; 3626.
 Umpires and referees: 773-4; 1115-6; 1334; 1337; 1809-10; 2014; 2026; 2441; 2451-3; 2454-7; 2644-8; 3947; 3959.

Arbitration and Conciliation—continued.

Conciliation: 54-5; 115; 445-50; 847; 1018; 1331-3; 1335; 1812-4; 1987-8; 2460; 2766; 3405-7; 3950-1; 4021; 4158-9.

Joint Committees:

Disputes, best mode of settling by: 115; 1386; 1674-5; 1733; 1978; 1984; 2431-4; 2667; 3027; 3439; 3946; 4219.

Failure to agree: 1808; 2428; 2435-6; 3948-9.

Formation of, advocated: 2765-72; 2857-8; 3944; 4156.

Questions not referred to: 867; 1273; 1469-78; 2888; 3940.

Satisfactory agreements: 102-3; 549; 558-9; 727-30; 850-6; 977-8; 981-2; 1017; 1325; 1409-16; 2427-31; 2448-50; 2767; 2882; 3919-37; 4155 4205-8.

Satisfactory relations of joint committees: 567 1341; 1672-3; 2480-2; 4220-2; 4718-20.

Associations:**Of Employed:**

Amalgamated Association of Operative Cotton Spinners: 702; 705; 706-9; 711-22; 727-30; 732-4; 738-40; 760; 770-3; 778-80; 799-801; 1274; 2183-6; 2468; 2697; 2786-7; 2790-801; 2861; 2977-82; 3137-40; 3471-9; 3481.

Blackburn branch: 2671.

Preston branch: 3010-14; 3018-22; 3074; 3112; 3148-9; 3172-6; 3179; 3181; 4725; 4729; 4731-67; 1472-3.

Amalgamated Society of Card and Blowing Room Operatives: 4-13; 24-5; 28-9; 34; 48-54; 90-1; 107; 120; 149-77; 261; 283-7; 294; 302; 303-5; 306-7; 313; 334; 383-7; 391-405; 409-10; 431-43; 451-2; 453-6; 493.

Oldham branch: 32; 476-7; 493; 512-3; 515-32; 540-62; 564-80; 599-602; 644-7; 676-81; 682-5.

Northern Counties Amalgamated Weavers' Association: 322-5; 1024; 1189-91; 1195-6; 1214-8; 1273-6; 1320-1; 1341-3; 1386; 1413-4; 1604-5; 1612-3; 1640; 1648-74; 1694; 1707; 1724-31; 2877.

Ashton-under-Lyne branch: 959; 975-8; 981-5; 994; 1085; 1654-6.

Blackburn branch: 1819-20; 1868-9; 1892-5; 1908-10; 1913-7.

Burnley branch: 807-31; 841-56; 869; 871-2; 874; 879; 895-6; 934-5; 950; 967-9; 974; 977-84; 1015-8; 1019-22; 1024-8; 1031-3; 1038-40; 1062-7; 1072-4; 1079-85; 1112; 2514.

North-east Lancashire branch: 1182-4; 1195-217; 1451; 1475; 1479; 1484; 1569-71; 1654.

United Textile Factory Workers' Association: 1185-8; 1475; 1479.

Of Employers:

Central United Cotton Spinners' and Manufacturers' Association of Lancashire, Derbyshire, Yorkshire, and Cheshire: 1946-7; 2308-13; 2409-10; 2469; 3438-9; 3444; 3584-6; 3601.

Colne and District Coloured Goods Manufacturers' Association: 2413.

United Cotton Manufacturers' Association: 3914-24; 3937-9; 3943; 4162; 4205.

Bury branch: 3928-32; 4207; 4211.

North and North-east Lancashire Master Cotton Spinners' and Manufacturers' Association: 447; 486; 503; 511-3; 518; 521; 534-6; 539; 546-55; 561-3; 630; 689; 773-4; 849-52; 896; 950; 977; 1033; 1341-2; 1646-8; 1708; 1712; 1715; 1732; 1795-6; 1802; 1946; 2171; 2182; 2407; 2410; 2418; 2420; 2426; 2429-33; 2467; 2658-9; 2662; 2773; 2784-5; 2861; 2888; 2892; 2950; 2956; 3431; 3438-47; 3498; 3500; 3584-6; 3601; 3634; 3642; 4003; 4157; 4160; 4164; 4214-7.

Blackburn branch: 2408.

Burnley branch: 807; 848; 850-1; 2408; 2411.

Preston branch: 2408; 2439; 2657.

Capital: 755; 2095; 2547; 2602-3; 2607; 2714-5; 3554.

Borrowed use of: 1078; 2105.

Depreciation of, fixed: 2042; 3518-26; 3546-61.

Labour and capital: 1550; 1687; 1772; 2073-6; 2081-3; 2088; 2092-5; 2104; 2109-11; 2122-5; 2202-5; 2235-8; 2241; 2277; 2281-2; 2287; 3436-40; 3590-1; 4176-8; 4184.

Capitalists:

Position of, as shown by income-tax returns: 2262; 2285; 3493-4; 3522.

Profits of: 1555; 2029-37; 2043; 2119-21; 2282-3; 2578-9; 3520; 3524; 3578; 3604; 4182.

Small capitalists: 1078; 1688; 2029-37; 2264-5; 2270; 2553; 2559.

Limited Liability Act, under the: 2038; 2047; 2070-1; 2104; 2298; 2340-54.

Wages and fair wages of: 1689-91; 2040-6; 2051-91; 2105-11; 2202-6; 2261-2; 2276-7; 2288; 3436-7; 3452-3; 3482-3; 3492; 3516-7; 3545; 3553; 3573-8; 3583-9; 4179.

Withdrawal of: 2082; 2206; 2281; 4172-4.

Child Labour and Half-Time System:

Age:

Full-timers, of: 920-3; 945; 3667-71.

Half-timers, of: 665-7; 926-8; 944; 1219-20; 1902-4; 2523-5; 2537-8; 3657-8; 3676-9; 3738-9; 3863.

Evidence against raising: 356-78; 467; 629-32; 658-60; 960; 1543; 1545-6; 1548-9; 1701-3; 1773; 1776; 1906-7; 4626-9; 4663-9.

In favour of raising: 959-60; 1543; 1594-6; 3671-2; 3733-7; 3747-9; 3784; 3809; 3992-6; 4078-9; 4082-3.

Arguments against half-time system: 948; 3683; 3695; 3785; 3793; 3803-8; 3810; 3886-8; 3899; 3901.

In favour of half-time system: 349-53; 355-78; 467; 619-22; 629-32; 658-60; 961-3; 1700; 1770; 1776; 4629; 4680.

Attitude:

Of employed towards: 348-51; 617-20; 3906-8.

Of employers towards: 927; 2518-44; 2926-8; 3778-9; 3896-900; 3902-3; 4081-4.

Children:

As members of unions: 1039; 1694.

Medical supervision of: 3816-7; 4275-8; 4280; 4629-31.

Technical training of: 629; 632; 658; 675; 782-3; 795-6; 909-10; 916; 927; 3803-5.

Educational standards:

Full-timers, for: 941-3; 945; 1222-32; 1774-6; 2520-2; 2543; 3667-9; 3738-42; 3766-75; 3859; 3869-74; 3891-3.

Half-timers, for: 940; 943-5; 1233-6; 2518; 2531-3; 2659-66; 3766-70; 3855-61; 3864; 3906; 3913.

Raising of, advocated: 1773; 2533-6; 2539-43; 3790; 3793.

Deprecated: 1701-2; 3905-6.

Varying: 1597-8; 3662-3; 3790; 3854-5.

Effect upon children:

Educationally: 3672; 3683-5; 3698-702; 3802; 3813-4; 3831; 3840-53; 3880-4; 3913; 4629; 4680-6; 4694-5.

Morally: 3725-30; 3759-62; 3799-801; 3831; 3911-2.

Physically: 3704-19; 3757-8; 3831; 3834; 3836-8; 4625; 4663; 4682-6; 4696-9.

Effect upon schools: 3672; 3685-97.

Employment of child labour:

Causes of: 351; 621-4; 1545-7; 1905; 3722-4; 3743; 3751; 3755-6; 3780.

Conditions of: 661-8; 671-3; 915-7; 949; 964-5; 1012-4; 1300; 1699; 3713; 3720; 3726-32; 3760-2; 3817-8; 4611; 4686; 4690-2.

E 78190.

Child Labour and Half-Time System—continued.

Correx

Continental system of: 3784; 3791; 3810-2.

Hours of: 1518; 3817-8.

Half-time council: 3648-52; 3823; 3828.

Number and distribution of children employed: 10; 358-60; 709; 781; 909; 949; 1012-4; 1221; 1238; 1240-2; 1517; 3682; 3743-6; 3777-8; 3782; 3795-8; 3904.

Proportion of half-timers to full-timers: 909, 1044; 1054; 1200-3; 1207; 1238; 1240-2.

Rate and mode of payment: 624-8; 657; 669-70; 674-5; 747; 929-36; 1054; 1454-5; 1600-4; 1697-8; 1741-3; 2490; 3749; 3776.

Reforms suggested re: 3752-4; 3790; 3793; 3866-8; 3874-9; 3890; 3894-5.

School attendance of: 2523-8; 3786-7; 3789-90; 3880; 3889-90.

Supply and demand for: 625; 657; 671; 747-8; 919-28; 1592-3; 1692-7; 2926-8.

Compensation:

Employers, by: 2467; 2889-91.

For accidents: 108; 112-3; 128; 303-5; 716.

Sickness or superannuation: 805; 1002.

For bad work: 2169; 2173; 2474-7; 2668-9; 2774-85; 2972-6; 3245-7; 3273-81; 3339; 3367-9; 4728-30.

Legal proceedings to obtain: 303-5; 716.

Trades Unions, by

For accidents: 107; 149-52.

Fines during strikes: 3010-3; 3148-52; 3172-6; 3179-81.

Sickness or death: 820-1; 984-5; 1569.

Strikes: 522-7; 540; 544; 1640; 2468.

Want of employment: 435-6; 820; 1027; 2877; 3132-6; 3467-9; 3479; 3530-40; 3610-26; 3632-3.

Competition: 148; 253; 398; 405; 687; 756; 904; 1005-6; 1034; 1070; 1532-7; 1579-80; 1608; 2352; 2586; 3483; 3503; 3572; 3578; 3973; 4073; 4182-3.

American: 1532; 1585; 2056; 3504-8; 3562.

China and Japan: 1582; 2060; 3562; 3593.

Foreign: 365-70; 751; 756; 758; 1070; 1074; 1128; 1145-7; 1532-4; 1578; 1581; 2102; 2586; 3025; 3504; 3592; 4022.

Home: 687; 756; 904; 1006; 1011; 1070-1; 1074-7; 1085; 1126; 1529-32; 1574; 1588-9; 3503.

Indian: 367; 399; 758-9; 1532-7; 1583; 2062; 2096; 3565.

Co-operation:

Distributive: 99; 207; 218-28; 244-53; 288-93; 1365; 1678; 2590; 2736; 2739.

Co-operative Society in Accrington: 1373-9.

Co-operative Stores:

Assistance in house building by: 651-6; 1377-9; 2728.

Dividends and profits of: 222-5; 1370-2.

Employed:

Customers of: 101; 214-7; 229; 1367-8; 1376; 2736.

Investors in: 993.

Managers of: 100.

Productive: 92; 1338; 1676-7; 2587; 2592-5; 2728.

Co-operative Mills: 178; 2550; 2562; 2569; 2571; 2574; 2590; 2596-2612; 2714-5; 2739-40; 2901-5.

Advantages and disadvantages of: 119; 190-3; 204-6; 294-302.

Employed as shareholders of: 185-9; 202; 239; 649-54.

General results of: 2551-79; 2614-37.

Loan account in preference to shares: 239-43.

Price of shares and rate of interest: 179-83; 194-201.

Reasons assigned for failure of: 2576-7; 2906-9.

G

COTTON.

Eight Hours' Day :

Advocated: 404; 1911-2.
 Deprecated: 391-401; 644; 734; 750; 761; 1072;
 1523; 1908-17.
 International: 453; 1590-1.
 Methods of ascertaining views of employed on: 393;
 1524-7; 1910-7.
 Presumed effects on:
 Competition: 398; 405; 1531-7.
 Cost of production: 762; 2586.
 Foreign trade: 399.
 Home trade: 397; 646-7; 751; 1073-4; 1345;
 1909.
 Wages: 733.

Employed :

Accident, liability of, to: 146-7; 1349-51; 1402-4;
 2500-3.
 Attitude of, *re*:
 Machinery, improvements in: 88-9; 496-8; 753-5;
 765-8; 1357-8; 2511-3; 2545-8.
 Members of different trades: 48-52.
 Condition in old age or infirmity: 986-9; 1009;
 1034-6; 1118; 1121-5; 1393-8; 1637-8; 2720-6;
 4445-6.
 Conditions of foreign labourers: 2096-2103.
 "Cotton Factory Times": 2242-50; 2394-2400;
 2704; 2821-31; 2843.
 Discipline of: 897; 980; 1111-2.
 Disease and death of: 1310-8; 1568-70; 1840-2;
 1867; 1889; 2749-51; 3757-8; 4588; 4694; 8174.
 Improvement in circumstances of: 1007-9; 1550;
 1561-7; 1948-51; 2135-7; 2143; 2198; 2203;
 4446.
 Investments and savings of: 186; 239-43; 990-3;
 1003; 1359-64; 1488; 1520; 2723-9; 2734-5.
 Lodging and rent of: 323; 504; 506-9; 638-43;
 1519; 1719-20; 1789-92; 1953-5; 2752.
 Migration of: 236-8; 472; 2492.
 Number of: 706; 778-80; 817-8; 828-9; 1022;
 1197; 1213; 1238-44; 1512; 2418; 3600.
 Number of family at work: 315-6; 1545; 1632-6;
 1771; 3756.
 Owners:
 Of houses: 97-8; 186; 230-46; 651-6; 1003; 1363-4;
 2728-9.
 Of sheds: 2264-72.
 Overlookers and driving: 898; 901-8; 995; 1004;
 1098-1102; 1277-84; 1355; 1465-8; 1539; 1554;
 1748; 2355-79; 2935-8; 3912; 4042-5; 4071;
 4099; 4104; 4119-28; 4181-3; 4202-4.
 Position of employed as compared with India and
 the Continent: 2098; 2101.
 Proportion of:
 Datal and piece-workers: 425; 690-1; 1965.
 Male and female workers: 1198; 1816.
 Men, women, and children as carders and blowers:
 9, 10.
 Relations with employers: 38-9; 41-7; 54; 185-6;
 130; 512-4; 565; 636; 689; 721-2; 728-30; 773;
 841; 844-7; 854-5; 895-6; 975-6; 981-3; 1017-21;
 1093; 1113; 1117; 1320; 1341; 1343; 1380-7;
 1450; 1648-9; 1672; 1734-7; 1980-5; 2122-5;
 2183-7; 2226; 2251; 2275-6; 2286; 2390-2; 2429;
 2585; 2767-72; 3990; 4021; 4196-7; 4219-22;
 4443-4; 4717-20; 4749-51; 4753; 4760.
 Relations of men and women in same trade: 12;
 329-33; 1059-61; 1624-6; 2506-8.
 Skilled workmen: 272; 334-6; 786-97.
 Standard of living of: 318-24; 380; 1175-6; 1628;
 1704; 1723; 2097.
 Unpunctuality of: 138-41; 413-5.

Employers :

Attitude of, *re*:
 Arbitration: 1331-4; 1795-8; 1978; 1986; 2028;
 2382-7; 2389; 2439-42; 2450-3; 2649; 2730;
 3495-7; 3948-51; 3958-60; 4738-9.
 Sick and benefit clubs: 2716-9.
 Strikes: 2673-4; 2731-3.
 Trades unionism: 39; 43; 54-5; 2706-10; 2882-
 3; 3463-81; 3530-8; 3579; 3611-33; 3639-44;
 4153-4; 4196-7; 4441; 4746.
 Representatives or delegates of: 41-3; 1484-7;
 2294-7; 4775-81.
 Bad material: 2663-9; 2774-85; 8469-78.
 Financial condition of capitalist: 1688; 2048-52;
 2108; 2111; 2203; 2234-9; 2283-5; 2288; 3492-4;
 3545-61; 4172-80.
 Defective looms of: 1399-1401.
 Half-time system upheld by: 3896-9.
 Landlord, undue power of: 2270-4; 2756.
 "Mushroom" employers: 1077-8; 1086.
 Overtime and : 2832; 2841; 3595-7.
 Profits of: 1442-9; 1528; 1555; 1688-91; 2029-37;
 2041; 2047; 2112-21; 2261-2; 2277; 2282; 4184-5.
 Trade marking by: 4022-33; 4075-7; 4144; 4168-71.
 Views on trade and production: 1010-4; 1664-9;
 2029-95; 2105-11; 2205-6; 2241; 2289; 2586;
 2711-3; 3445-8; 3461-2; 3484; 3518-28; 3588-9;
 3605-9; 3968-72; 3988-9; 4073-5; 4142; 4181-6;
 4202-4.
 Views on the operation of the Factory Acts: 2833-4;
 2910-24; 2926; 2931-42; 3963-6; 3973-8; 3987-91;
 4038; 4186-90; 4198-9.
Employment :
 Abundance of: 3486-7.
 Conditions of: 912-3; 952-5; 967; 971-3; 1267;
 1298; 1300; 1503-7; 3744-6.
 Improvement in: 3418-21.
 Nature of: Carding and blowing: 2; 3; 8-10;
 21-3; 78-9; 271-4.
 Notice as to termination of engagement: 70-1;
 1287-8.
 Number of looms: 826-9; 1045-7; 1196; 1619; 1684;
 2418.
 Regularity and irregularity of: 78-9; 510; 713;
 1177-81; 2495-9.
 Safety and healthiness of: 80-2; 84-7; 1300; 1308-
 10; 1571-3; 1749-52; 1756; 1867; 1967; 2218-22;
 3975-7; 3980-4; 4586; 4592-3; 4611-3.
 Skilled: 271-4; 334-5; 371; 917; 1607.
 Sub-contract system: 1269.
Fines (see under Wages).
Friendly Societies and Relief Funds :
 Accident fund: 155-9.
 Building societies: 232-3; 990; 1003; 1364; 1377-9.
 Friendly society, 3531-4.
 Insurance against accident, &c.: 1402-4; 2716.
 Mortality fund: 1569-71.
 Sick and benefit society: 1793; 2716-9.
Inspection :
 Advantages of: 694; 3418-21.
 Evasion of, by employers: 1847-9; 2846-50; 2853-5;
 4290-3; 4326; 4332-6; 4340; 4439k; 4723-4.
 Government:
 Representations to, *re*: 255; 262; 464; 1422.
 Steps taken by, *re*: 1480.
 Insufficiency of: 114; 121-2; 256; 409; 464; 477;
 692; 695; 806; 1303-6; 1319; 1347; 1417; 1835;
 1863; 1872-4; 1888; 1897; 1919; 4294; 4301-4;
 4371; 4415; 4520-2; 4603-5; 4623-4; 4648.
 Machinery, of: 81; 108-11; 114; 123; 126-7; 466;
 692; 694; 4281-3.

Inspection—continued.**Inspectors:**

Appointment and dismissal of: 268; 4233-5; 4245-53; 4318-25; 4435-9; 4572-3; 4670-3.

Complaints of or to: 741-4; 746; 1868; 1896; 4259; 4290; 4344-9; 4362-4; 4453; 4482-3.

Districts under: 4227-8; 4233-5; 4326-9; 4454; 4504-5; 4522; 4528-9; 4533; 4558; 4574; 4607-8; 4614-5; 4675-7.

Duties of: 4239; 4242; 4271; 4284; 4308; 4458; 4471-3; 4502-3; 4506; 4571; 4575; 4583.

Efficiency and inefficiency of: 254-6; 268-9; 473-5; 478; 686-8; 698; 745; 1347; 1850; 2747; 4289; 4443-52; 4529-30; 4557; 4561; 4603; 4620-3.

Insufficiency of: 263; 265; 460-3; 474; 697; 741; 746; 1347; 1418-28; 4420; 4439; 4562.

Mode of administration by: 4254-8; 4273; 4331-6; 4376-81; 4402-12; 4439; 4470; 4481-7; 4506; 4523-5; 4576; 4604; 4639-48; 4671-9.

Number and distribution of: 1919; 2851-2; 4326-42; 4385; 4507-19; 4532; 4543-5.

Number and length of visits of: 1860-2; 1872; 4391-6; 4404-12; 4455-7; 4562-70; 4623-4; 4635-8.

Number of workshops and factories visited by: 4387-9; 4397-402.

Overtime, attitude of, *re*: 1479-83; 4453.

Powers of: 696; 4369-70; 4459; 4474-9.

Prosecutions by: 4191-5; 4260-9; 4350-61; 4394; 4452; 4547; 4558-60; 4660-2; 4701-4.

Prosecutions, attitude of magistrates *re*: 2943-9; 4350-61; 4421-30; 4537-42; 4701-4.

Revision of staff of: 267; 473.

Residence of: 4242-3; 4491; 4501.

Salaries of: 4311-6 4431-3.

Sub-inspectors: Practical men as: 745; 4244; 4309-10; 4439*d & e*; 4534.

Sub-inspector, supervision of: 4337-9; 4341-3; 4534-6.

Suggestions by: 1970-1; 4437; 4462-4.

Under Cotton Cloth Factory Act: 1348; 1833-6; 1873; 1918-21; 2747; 3978; 3981-6; 4286-7; 4304-5; 4317; 4413; 4439*h*; 4546-56; 4559; 4560-1; 4571-2; 4578; 4581-2; 4584-6; 4594-602; 4606; 4609-10; 4616-9.

Under Factory and Workshop Act: 2911; 2918; 2922-6; 2937; 4038; 4458-9; 4464-7; 4620.

Views on child labour: 4625-31; 4663-9; 4680-6; 4692-9.

Women inspectors, appointment of:

Difficulties in the way of: 4307; 4365-8.

Representations made to Home Secretary *re*: 4382-4.

Joint Stock Undertakings:

Joint stock mills: 93-4; 648; 4174-5.

Advantageous to cotton trade: 2546-9.

Employed as investors in: 95-6; 649; 1520-1; 2548.

Limited liability mills: 1339-40; 2105-20; 2263-4; 2341-54; 2894; 2900.

Withdrawal of capitalists in favour of: 4180.

Labour:

Holidays: 1001; 1966; 2188-95; 4046-7; 4051; 4203.

Hour of starting work: 411-5.

Hours per week: 73; 104-5; 500-1; 691; 1138; 1290-5; 1617; 1639.

Mills closing at 1 on Saturdays: 74; 502.

Opposition to reduction of hours: 453-8; 750-2; 769; 1908-9.

Labour (Hours and Seasons)—continued.**Overtime:**

Custom stopped by Trades Unions: 261-2; 409-11; 422.

Employers' views on: 2133; 2741; 2832-4; 2836-45; 2939-42; 3595-8; 4195.

Object of: 429-30; 1096-7; 1297.

Time "cribbed": 411-3; 416-20; 502; 691; 1093-4; 1296; 1556.

Unpaid: 257-60; 406-9; 421; 423; 459; 502; 690-1; 1089-92; 1296; 1557-60; 4418-9; 4453.

Reduction of hours, by Trades Unions: 1538.

Satisfaction with present hours: 75-7; 732; 1344-5.

Short time system: 1130-2; 1299.

Under Factory Act: 72; 1289.

Machinery:

Damage to: 883; 1029-30; 2168; 3154; 3226-7; 3230-44; 3258; 3261; 3264.

Dangerous: 85-7; 108-11; 123-5; 466; 693; 2502; 4457.

Fencing of: 81-3; 127-8; 466; 693; 716; 4281-3; 4548-53.

Improvement in: 88-9; 281; 494; 496; 498; 543; 753-6; 764; 768; 1087-8; 1135; 1353-4; 1356-8; 2196-7; 2202-5; 2488; 2511-3.

Increase in speed of: 146.

Starting of engine: 1557-9; 2133; 2835-42; 3595; 4418.

Stopping of engine: 1092; 1557-8; 3158; 3162; 3228; 3231.

Working of "mules": 3259-63.

Pensions: 1794.**Picketing and Intimidation: 2659; 3319-21; 3350-4; 4732-3; 4769-73.****Cases of:**

Coercion and violence: 2860-1; 3001-14; 3148-52; 3193; 3206; 3301; 3333-5; 4010; 4755-6.

"Ruffianism": 2670-8; 2794.

Threats and bad language: 3175; 3180-1; 3219-23; 3254-8; 3282-3; 3301-9; 3322-3; 3338; 3396-8; 4008-9; 4130-41; 4734.

Undue pressure: 2258-60; 2697-2710; 2785-9; 2878; 2989-3000; 3189-94; 3303; 3395; 3399-4000.

Convictions for: 2679-81; 2790; 4734; 4764.

Cost of picketing: 2797-9; 2800-1; 2995.

Law regulating: 2251-3; 2257; 2298; 2335-9; 2862-4; 3001-3; 3041-2; 3074; 3100-11; 3284-8.

Amendment of, proposed: 2254-6; 2258-60; 2299-2307; 2314-32; 3635-7; 3645; 4011-6.

Withdrawal of pickets: 3129-31.

Production and Output: 1010-1; 1096; 1128; 1145; 1278-83; 1297; 1357; 1465; 2048-72; 2093-6; 3487; 3588-9.

Diminution of: 1152-6.

Export trade: 1252-67; 1389; 1574-6; 1781; 2046; 2065; 2711-3; 3592-4.

"Fair trade": 2083-5; 3027.

Foreign production: 3503-17; 3562-72.

Home trade: 1389-92; 1577; 2711.

Increase of: 498-9; 753-7; 763; 1248-50; 2049-50; 3484; 3491.

Presumed effect of an eight hours' day on: 399; 761; 1146-52.

Overproduction: 3485.

Profit-Sharing:

Difficulties in the way of: 1384-5.

Failure where tried: 731; 1435-41.

Corron.

Refutations :

| | Statement. | Denial. |
|--|------------------------------|-------------------------|
| Accidents, frequency of shuttle. | 1300-2. | 2500-3. |
| Child labour, <i>re</i> - - | 657; 1219-37. | 2518-33. |
| Employment, <i>re</i> Shelley Road Mill. | 2970. | 4768. |
| Inspection, information given of inspectors' visits. | 1836. | 2832-56; 4721-4. |
| Labour, overtime re-sorted to. | 689; 746. | 2832; 2841-50. |
| Picketing and intimidation, practice of. | 3041-3; 3074; 3006. | 4733; 4742; 4735. |
| Steaming and sizing, use of, to add to employers' profits. | 1744. 1754-6; 1777-85. | 2127-9. |
| Wages, deduction for oiling, a grievance. | 873-8; 1104-10. | 2802-20. |

Remedies :

Acts of Parliament, amendment of, advocated:
 Cotton Cloth Act, better enforcement of: 1830-45.
 Employers' Liability Act: 477-81.
 Landlords' Act: 2267-75.
 Limited Liability Act: 2267; 2298; 2341-54.
 Rating of Machinery Act: 2267-9.
 Trades Union Act: 2251-60; 2299-307; 2327-35;
 4011-5.

Against accidents: 114; 1402-3.

Arbitration and conciliation :

Advocated: 1674-5; 1978-9; 1987-2011; 2382-9;
 2431-4; 3027; 3946; 3950; 4219.
 Deprecated: 556-7; 573; 871; 1019-20; 1113;
 1330-7; 1405; 1712; 1733-40; 2022; 2439; 2454;
 3946-60.

Appointment of experts as arbitrators: 1809; 2028-8;
 2442.

Associations, alteration in rules of: 3529-44; 3610-3;
 3644.

Eight hours' day (see *subject-heading*).

Fines, dismissal in lieu of: 61-4; 129-30; 135-44.

Half-time system :**Raising age of half-timers :**

Advocated: 1594-5; 3733-8; 3784; 3992-5;
 4078-84.

Deprecated: 348-79; 467; 629-32; 959-60;
 1701-3; 1773-6; 4625-9; 4663-9.

Medical supervision of: 3816-7.

Inspection, increase of: 114; 464; 477; 806; 1303;
 1319; 1863; 1874; 1888; 4301; 4605; 4623-4.

Inspectors: practical men as: 745; 4309-10.

Married women, extension of time of non-employment of: 8148-55; 8160-7.

Picketing and intimidation; to be unlawful; 2255-7;
 2299-2305; 2331-8; 3635-7; 3645; 4011.

Steaming and sizing: 1840-6; 2278-9; 3964-8.

Sanitation :**Steaming and sizing :**

Effect upon health of operatives: 1304; 1308-9;
 1313-8; 1568; 1571; 1573; 1749; 1751; 1756;
 1837-42; 1867; 1889-90; 1933; 1969; 2217-22;
 2743-4; 2749-51; 3975; 4588; 4592-3; 4613.

Clothing: 1842; 1972-5; 2217-22; 4592; 4612.

Remedies suggested for: 1843; 1970-1; 2241;
 2278-9.

Districts subject to: 1307; 1824; 1897-9; 4651;
 4656.

Factory and Workshop Acts and Cotton Cloth Factories Act, *re* :

Amendment of, desired: 80; 466; 9073-6;
 9120-9; 9171-4.

Attitude of employed to: 4609-10.

Difficulties in carrying out: 4594-8; 4602;
 9073; 9129-37.

Sanitation—continued.

Effect of: 3964-5; 3975-90; 4186-90; 4198-9;
 4599; 4601.

Evasion and enforcement of: 1827-33; 1843;
 1845; 1858-9.

Firms subject to: 4608; 4617-9; 4632-5.

Provisions of: 4578-82.

Increase of steaming: 4650-3.

Reasons for: 968; 1571; 1744-9; 1752-6; 1778-
 85; 1851-2; 1864-6; 1878-84; 1891; 1924-5;
 1975-7; 2241-2; 2742; 2745; 3975; 4580-91;
 4654-5; 4709-14; 9073; 9123-9; 9165-70.

Reports of medical officers and others *re*: 1310-8;
 2748-51; 3707; 3977-8; 3985-6.

Re insanitary mills: 1870-1; 1885-6.

Temperature of:

Blowing room: 700.

Card room: 699.

Spinning room: 695; 699; 1924-32.

Weaving sheds: 1826; 1864; 1877; 1890; 1926-
 36; 4659; 4705-8; 4715-6.

Reports *re*: 1853-7; 3707.

Ventilation and temperature :

Satisfactory: 695; 715; 953; 967; 1572; 1875-6;
 1890.

Unsatisfactory: 80-1; 695-6; 1303; 1307-9; 1573
 1830; 1877; 3707.

Sliding Scales: 102; 119; 1385; 2653.

Strikes, Lock-outs, and Disputes :

Ashton-under-Lyne, in 1885: 1654-61.

North and North-East Lancashire, in 1883: 830; 1015-
 6; 2638-41; 2730-3; 2757.

Causes of: 831-3; 2443.

Cost of: 1024.

General results of: 834-6; 2444-9; 2652; 2758-
 62.

Number of employed affected by: 832.

Oldham, in 1885: 736-40.

Local strikes: 28-30; 515-25; 543; 568-70; 735;
 770-1; 830; 1086; 1640-2; 1706; 2174-82; 2355;
 2463-5; 2466-7; 2516-7; 2656-65; 2763-75; 2790;
 2860; 2961-6; 3184; 3245; 3498; 3935-6; 3949;
 4001; 4017; 4105; 4130; 4146; 4727; 4746-8.

Avoidance of: 38-40; 54-5; 102; 444-52; 1321-4;
 2767-73; 4156-7; 4207.

Causes of: 29-32; 34-6; 545; 736; 1643-6;
 1895; 2012; 2357-60; 2473-7; 2656; 2776;
 2784; 2967-76; 2986; 3024; 3062; 3141-7;
 3246-7; 3279-81; 4004; 4046-51; 4119-20;
 4728-31; 4768-9.

Cost to Union: 522; 526; 540; 544; 564; 772;
 1640; 1648-50; 1707; 1732; 1815; 1901;
 2465; 2468; 3148.

Development of: 2360-79; 2658-65; 2987; 3013;
 3045; 3091-5; 3121-36; 3189-3207; 3313-38;
 4110-29; 4132-5; 4746.

General results of: 529-34; 549-52; 566-7;
 1651; 2472; 2671; 2984; 4117; 4740; 4774-8.

Injury to machinery during: 3226-42; 3258-
 64.

Loss involved in wages by: 526-7; 2469.

Settlement of: 3018-40; 3049-61; 3067; 3075-
 90; 3113-9; 3121; 3139-40; 3495-7; 3925;
 3956-7; 4109; 4738-41; 4761-2.

Picketing and intimidation (see *subject-heading*).

Trade Unionism :

Advantages of: 2878; 2883-4; 3401-23; 2428.

Attitude of, *re* :

Bad work and out-of-work pay: 436; 2877;
 3367-74; 3132-6; 3462-81; 3529-44; 3610-34.

Compensation for accident: 107-13.

Eight hours' day: 391-405; 453-8; 644-7; 732-4;
 1523-7; 1908-17.

Trade Unionism—continued.

Employers: 637; 2226-33; 2286; 2482-4; 3601-3; 3639; 3643; 4155; 4196-7; 4219; 4746-52; 4759-60.

Inspection: 409-10; 4195.

Payment of fines: 422; 3148-52; 3172-81; 4734-7; 4767.

Violence: 3014-7; 3112; 3302; 4733; 4742-5; 4754-8; 4763-7; 4769-73.

Combination of Trades Unions in case of strikes: 48-53.

Contributions to: 159-69; 1025; 1725-6.

Difficulty in settling disputes before establishment of: 48.

Effect of, on rate of wages and profits: 31-3; 120; 283-7; 334; 385-91; 2879-81; 3211-8; 3265-72; 3292-3300; 3340-9; 3366; 3435-59; 3500; 3579-87; 3590-1; 3601; 4154.

Election of delegates: 90-1.

Influence upon trade of: 2225; 2234-9; 2281-4; 2287; 3434-5; 3459-61; 4016.

Membership of: 576-9; 678; 707-8; 810; 814-9; 824; 1022; 1038; 1184; 1186; 1191; 1215-7; 1731.

Trades Union officials as mill shareholders: 294-302; 1521-2.

Reception of representatives of, by employers: 41-6; 115-6; 559-62; 846-8; 895-6; 1031-2; 1320; 2294-6.

Relations of Unionists and Non-Unionists:

Friendly: 719-20; 994; 2224; 2228; 2514-5.

Unfriendly: 682-5; 2148-68; 2697-9; 2709-10; 2786-7; 2885-6; 3150-3; 3209-10; 3219-23; 3254-7; 3301-9; 3380-5; 3395-3400; 3636-7.

Unemployed: 2875-7; 3644.

Wages: 2873; 1460-5; 1490; 2418.

Average earnings of:

Card and blowing-room operatives: 14-19; 104; 308; 314; 317-30; 469-71; 482-9; 582-5; 590; 797.

Cotton spinners and piecers: 711-2; 2173; 3166-7; 3169-71; 3248.

Families: 468; 1159-73; 1488; 1492; 1634; 2727.

Oilers: 2808-10.

Overlookers: 1098.

Weavers: 911-4; 1023; 1043; 1048-59; 1079-80; 1134-6; 1451-3; 1490; 1508-9; 1606; 1623; 1682; 1705; 1721; 1765-6; 1817; 2199; 2506-10; 2866-70.

Bounty:

System of: 998-9; 1277.

Disapproval of: 1000.

Bonus or poundage system of:

Applied to overlookers: 905-8; 1098-102; 1277-8; 1465; 4042-5; 4071; 4099-104.

Objected to: 1279-84.

Deductions and Fines:

As applied to female workers: 2401-5.

Bad work, for: 61-2; 129; 858; 865; 1272; 1458-9; 1959-61; 2209-12; 2215; 2403; 3599; 4040-1.

Breakages of machinery, for: 883-4; 1029-30; 1272.

Disciplinary: 859-64; 978-9.

Late attendance, for: 61-4; 135-42; 858-9; 864; 1111; 1962-3.

Oiling: 874-5; 878-9; 1104-8; 1272; 1514; 1760; 2802; 2806; 2811; 4034; 4052-70; 4085-98.

Districts not subject to: 879-82; 885-90; 1104.

Source of profit to employers: 876-8; 1107-9; 1761; 2816-8.

Supply of hot water: 1272; 4034-7.

Wages—continued.

System of fines:

Discouraged by employers: 503; 511; 2215-6; 2689-96.

Objected to by employed: 129-34; 142-4; 884; 1028; 1110; 1112; 1272; 1761-4; 1957; 2803; 2819-20; 4070.

Where prevalent: 857; 1957; 2491-4.

Influence of Trades Unions on wages: 2879-80; 3210-8; 3300; 3411-7; 3428; 3436; 3579; 4154.

Rate of wages:

Increase in: 277-82; 287; 492-6; 499; 767-8; 835; 1353; 1387-8; 1550; 1948-9; 2135-43; 2147; 2198; 2201; 2485-7.

Accounted for: 1354-8.

Reduction in: 1133-9; 1542; 1787-8; 1950; 2178; 2487; 2682-7.

Standard of wages:

Fixed: 37; 40; 804; 837-40; 975-6; 1080-6; 1133-6; 1651-3; 1665-9; 1786-8; 2430; 2565; 2604; 3500-3.

Not fixed: 31-3; 380-90.

Reduction in: 34-6; 833.

System of payment of: 56-9; 66-9; 423-4; 497-905; 995-7; 1267-8; 1285-6; 1539; 1956; 1966; 2489-90; 2497.

Truck system of: 65; 1270.

Variation of, in different localities: 309-13; 326; 797; 839-40; 1618; 1657-67; 1683-6.

Women's Labour:

Age of admission: 15.

Description of skilled employment: 358-9; 486; 498.

Earnings of:

In card and blowing room: 14; 17-8; 104; 486; 499.

Weavers: 2506; 2870-1; 2873.

Fines re: 2402; 2404-5.

In connexion with men's labour: 12; 13; 20-3; 272-3; 329; 330-6; 583; 631; 1060-1; 1624; 1817; 2507-8.

Notice of discharge: 901.

Number of women employed:

In card and blowing room: 9; 11; 601-2.

Weavers: 1059; 1199; 1203-6; 1816.

Number employed in carding, spinning, and weaving in:

Cheshire: 1241.

Derbyshire: 1242.

Lancashire: 1238.

United Kingdom: 1244.

Yorkshire: 1239.

System of payment: 56; 61; 486-9; 497.

Married women:

Employment of: 594-8; 606; 612; 1768; 8166.

Deprecated: 337; 344; 354; 379-82; 1169; 1494-7; 1501-2; 1513; 1771; 8143-58.

Reasons for: 318-21; 346-7; 1065-7; 1159-64; 1512; 1769.

Suggested restrictions of: 8140-1; 8168; 8170-1.

Workmen's Dwellings:

Condition of: 1719-20; 1789-92; 2752.

Owned by employed: 97; 186; 230-1; 652; 655-6; 1003; 1364; 2728-9.

Through help of building societies: 232-3; 1003; 1364; 1377-9.

Owned by employers: 503-9; 638-43.

Corrow.

PORTERS.**COVENT GARDEN PORTERS.****Witness:**

Fitzpatrick, Daniel (31,908-65).

Arbitration:**Awards of:**

Considered: 31,938-47.

Evaded: 31,936.

Board of, establishment of: 31,927-31.

State Board of, advocated: 31,937-47.

Associations:

Covent Garden Porters' Union: 31,908-35; 31,947-8;
31,961-2.

Employed:

Age and character of: 31,955-65.

Grievances of: 31,936.

Number of: 31,912-4.

Employed—continued.

Relations with employers: 31,919-26; 31,930-2;
31,936.

Employment:

Nature of: 31,909-11; 31,914-5; 31,961-4

Labour:

Hours of: 31,954.

Strikes: 31,918-26.**Trade Unionism:**

Employers, agreement of, with: 31,924-6; 31,931-2.

Membership of: 31,908-15; 31,948; 31,961-5.

Origin of: 31,916-9.

Wages: 31,920-2, 31,949-53.

Increase in: 31,924-6.

SERVANTS.**DOMESTIC SERVANTS.****Witness:**

Employed: Greenman, G. W. (31,161-424).

Districts and places referred to:

London: 31,163; 31,167; 31,292; 31,319; 31,321-8;
31,341-2.

Chelsea: 31,222.

Hyde Park: 31,172; 31,178-9; 31,286-7.

Paddington: 31,183.

Regent's Park: 31,172.

Soho: 31,294-6.

South Kensington: 31,296; 31,320.

Westminster: 31,264; 31,268.

Acts of Parliament:

Employers' Liability Act: 31,356; 31,409.

Associations:*Of Employed:*

General Domestic Servants' Benevolent Institution: 31,174.

London Domestic Servants' Union: 31,161-71;
31,175-84; 31,211; 31,217-8; 31,266; 31,281;
31,325; 31,340; 31,347; 31,349-50; 31,366;
31,381-6.

National Vigilance Association: 31,207-9;
31,314-5.

Social Democratic Federation: 31,286.

Eight Hours' Day:

Legislative, advocated: 31,238-47; 31,343; 31,368-71.

Working of, considered: 31,248-55; 31,327; 31,353-4; 31,360-2.

Employed:

Butlers: 31,230-40; 31,297-301; 31,330-9; 31,387-91.

Domestic servants:

Comparison of, with artisans: 31,368-80; 31,415-24.

Number of: 31,167.

Grievances of, re:

Characters, dismissal without: 31,186-204; 31,410.

Employed—continued.

Evils of service, alleged: 31,186; 31,410-1.

Food, insufficiency of: 31,273-9; 31,323-4.

Hours, length of: 31,229-37; 31,326; 31,367.

Registry offices: 31,186; 31,205-7; 31,211;
31,311-20.

Sleeping accommodation: 31,256-8; 31,265;
31,296.

Wages, non-payment of: 31,224-8.

Relations with employers: 31,186; 31,297; 31,302;
31,326; 31,337; 31,355-6; 31,360; 31,371.

Inspection: 31,354; 31,357-60; 31,366.**Remedies:**

Eight hours' day: (see *subject heading*).

Employers:

Characters compulsory from: 31,187-92; 31,302-10; 31,343; 31,409-10.

Legal proceedings against, for false characters: 31,193-204.

Wages, recovery of, from: 31,224-8.

Food, improvement in, advocated: 31,270-4.

Franchise, for male servants, advocated: 31,280-3.

Government Registry Offices and Labour Exchange, establishment of, advocated: 31,213-22; 31,239; 31,329; 31,354; 31,360-1; 31,409.

Organisation advocated: 31,182.

Sleeping accommodation, improvement in, advocated; 31,256-65.

Wages, alteration in system of: 31,392-408.

Trade Unionism:

Advantages of: 31,176-8.

Desire for: 31,346-8.

Help given by: 31,177-8; 31,211; 31,386.

Membership of: 31,162-71; 31,340; 31,347-9;
31,382.

Open-air meetings and: 31,171-2; 31,179-80.

Witness, position of: 31,161; 31,284-6; 31,350.

Wages:

Decrease in: 31,297-9; 31,330; 31,334-5.

Non-payment of: 31,224-8.

Suggestions re: 31,392-408.

DRESSMAKING.

DRESSMAKING.

Witnesses :

Employed: O'Reilly, Charles; Simmons, John
(16,296; 16,337-344; 16,704-709).

Independent: Bignold, John Henry (10,100-306);
Black, Clementina (8902).

Districts and places referred to :

Barnstaple (*Devonshire*): 10,117; 10,234.
Berlin: 10,151; 10,303.
Bideford (*Devonshire*): 10,234.
Blackburn: 10,275.
Bolton: 10,275.
Camborne (*Cornwall*): 10,262; 10,267.
Cornwall: 10,244; 10,248.
Cumberland: 10,220.
Devizes (*Wiltshire*): 10,221.
Devonport: 10,136; 10,270; 10,285.
Devonshire: 10,248.
Dublin: 10,279; 16,296; 16,337.
England: 10,151-2; 10,174; 10,186; 10,304-6.
Exeter: 10,117; 10,127; 10,129; 10,148-9; 10,229;
10,232-4.
France: 10,152; 10,304-6.
Glasgow: 10,166.
Greenmount (*Lancashire*): 16,338.
Ireland: 16,709.
Liskeard (*Cornwall*): 10,243.
Liverpool: 10,275.
London: 10,217-8.
Manchester: 10,154; 10,272.
Newton Abbott (*Devonshire*): 10,230.
Penrith (*Cumberland*): 10,220.
Ponzaunce: 10,117; 10,204; 10,244.
Plymouth: 10,127; 10,137; 10,148; 10,180; 10,204;
10,252-5; 10,265-70; 10,285-8.
Redruth (*Cornwall*): 10,262.
Scotland: 10,279.
Southampton: 10,153.
Stonehouse (*Devonshire*): 10,285.
Swansea: 10,163; 10,277.
Teignmouth (*Devonshire*): 10,234.
Tiverton (*Devonshire*): 10,204.
Torquay: 10,127; 10,229-32; 10,246; 10,267-9.
Wales: 10,166.

Acts of Parliament :

Factory and Workshop Act: 10,101; 10,105-6;
10,152; 10,154; 10,158-60; 10,190; 16,341.
Workshop Regulation Act: 10,187.

Apprenticeship :

Apprentices: 10,147; 10,199-200; 10,245; 10,301.

Associations :

None: 8902; 16,338.

Commissions :

Royal Commission on the Factory Acts: 10,154;
10,162; 10,174.

Conferences :

Berlin: 10,151-2; 10,303.

Employed :

Age of: 10,101-2; 10,118; 10,148; 10,301; 10,303-6.
Classification of: 10,147; 10,200; 10,235; 10,301.
Demand and supply of: 10,242-5; 10,295-300.

Employed—continued.

Health of: 10,102; 10,163; 10,169-70; 10,242;
10,252; 10,285; 10,302.

Materials used by: 10,179.

Number of: 10,101; 10,255; 10,306; 16,296.

Employers :

Attitude of, towards overtime: 10,120-1; 10,199;
10,245; 10,285-7.

Factories and workshops: 10,101; 10,110-5; 10,178;
10,248.

Rockey, Torquay: 10,246.

Spooner, Plymouth: 10,148.

Stidson and Company, Plymouth: 10,137;
10,255.

Townsend: 10,247.

Magistrates: 10,259-61; 10,267-83.

Employment :

Effect of, on girls: 10,169-71; 10,235; 10,302-3.

Home work: 10,177.

Inspection :

Inefficient: 16,296; 16,342; 16,705-8.

Inspectors :

Duties of: 10,100; 10,108; 10,115; 10,118; 10,184.

Evasion of; 10,134; 10,174-5; 10,256.

Increase of, advocated: 10,100; 16,344.

Insufficient number of: 10,115; 10,119; 10,166;
10,176; 10,188; 10,203-7; 16,344; 16,709.

Reports of, comparison of: 10,153-4 10,163-6.

Visits of: 10,118; 10,131-2; 10,176; 10,182;
10,189; 10,203-7; 10,230; 16,296; 16,342.

Women, advocated: 10,100; 10,291; 16,344.

Sanitary: 10,185-8.

Labour :

Hours of: 10,121-2; 10,146; 10,194-8; 16,339-40.

Comparison of: 10,152; 10,166.

Mealtimes: 10,100; 10,108; 10,118; 10,146.

Night-work: 10,102; 10,127; 10,130; 10,135; 10,139-
41; 10,145; 10,151-2; 10,165-6; 10,202-3; 10,302-5.

Overtime: 10,100-76; 10,199-203; 10,217-56;
10,285-94.

Abolition of, advocated: 10,120-2; 10,153-4;
10,162-6; 10,172; 10,194-9; 10,240-5; 10,285-
7; 10,291-8.

Cause of: 10,199.

Balls: 10,180; 10,288-90.

Mourning: 10,237-41; 10,295.

Weddings: 10,238-9; 10,295.

Complaints of: 10,103; 10,123-31; 10,135;
10,138; 10,203; 10,256.

Effect of: 10,169-71; 10,285; 10,289-90; 10,302
-3.

Increase of: 10,157-8; 10,174.

Legality of: 10,100-2; 10,105-15; 10,118;
10,132-4.

Notices of: 10,103-5; 10,116-7; 10,153; 10,174;
10,217-35; 10,246-51.

Penalties for: 10,267; 10,272-4; 10,277.

Inadequate: 10,141-4; 10,252; 10,281-3.

Proposed Bills and amendments for: 10,160-2.

Prosecutions for: 10,126; 10,136-44; 10,165;
10,252-84.

Regulations for: 10,106-9; 10,112-4; 10,118;
10,291.

Seasonal: 10,236-40.

Overtime (see under *Labour, Wages*).

DRESSMAKING.**Remedies advocated :**

Abolition of overtime : 10,172; 10,194; 10,291.
Amendment of Factory Act : 10,180-90.

Sanitation :

Improvement of, advocated : 10,189-94.
Lighting : 10,100; 10,150-2.
Overcrowding : 10,100; 10,108-9; 10,118; 16,704.

Sanitation—continued.

Unsatisfactory : 10,149; 10,166-7; 10,177; 10,181-2.
Ventilation : 10,100; 10,118; 10,177; 10,191.

Sweating System : 10,149.**Wages :** 10,147; 10,201.

Overtime : 10,147-9; 10,199.

Women's Labour (see under *Employed, Employment, Labour*).**DYERS.****DYERS.****Witnesses :**

Employed : Beaver, James H. (9849-54); Burgoyne, J. W.; Robinson, Henry (9540-9679); Thorne, William (24,915-16).

Employers : Hawley, A. E. (13,903-29); Peate, Jonathan (7943-67); Yates, William Edward (7772-86).

Independent : Beckworth, William (15,573-4).

Districts and places referred to :

America : 9639.
Bradford : 9540; 9544; 9582-3; 9622-3; 9629; 9637-43.
Leeds : 7783; 7946; 7950; 7954.
Leicester : 13,903-4; 13,925.
Yorkshire : 9561; 24,915.

Accidents : 9595; 9606.

Cause of : 9613-5; 9620-1.

Acts of Parliament :

Factory and Workshop Act : 9603.

Arbitration and Conciliation :

Arbitration : 9546.
No desire for : 7952; 7965; 15,573a.
Boards of Conciliation : 7950-1; 7961-4; 9629-32; 15,573.

Associations :

Bradford District Society of Dyers : 9540-4; 9557-60; 9572-3; 9581-2; 9585; 9588-9; 9591; 9611-2; 9623-5; 9651; 9664.
Dye-house Labourers' Union, Leicester : 13,924.
Dyers Labourers' Union, Halifax : 9849; 9853.
Gas-workers and General Labourers' Union : 7773; 7777; 7784; 7946-7; 7949; 7952-6; 7963-5; 9585-6; 9588.
Trimmers' Union, Leicester : 13,924.

Blacklisting : 9624.**Boy Labour :**

Boys :
Age of : 9566; 9595-6; 9605.
Evasion of inspectors by : 9566; 9572.
Overtime of : 9563-72; 9595; 9651.
Displacement of men by : 9551; 9556.
Effect of : 9559.
Half-timers : 9597-9.
Nature of : 9598; 9600.
Restriction of : 9560.

Compensation :

None for accidents : 9606-10; 9621.

Competition : 9637.**Councils :**

Chambers of Commerce : 7780-2; 13,903.
Trades : 9611; 9629; 9651; 9849.

Employed :

Age of : 9554.
Character of : 9561-2.
Classification of : 9552; 13,905; 13,909 13,911; 13,917-20.
Condition of, present : 9633-5.
Discharge of :
For complaining to inspectors : 9572; 9651-2.
For joining Unions : 9582; 9624-5.
Number of : 7772; 9583-4; 9665; 9668; 13,906; 24,915-6.
Relations of, with employers : 9582; 9623; 9630-2; 9636; 9643-5; 9678; 13,925-6.

Employers :

Attitude of, during strikes : 7965-7.
Character of : 9643.
Firms :
Whiting and Wallis : 7772.
Profits and losses of : 7772; 9676-7.

Employment :

Classification of : 9576-7; 13,903-8.
Conditions of :
Dangerous : 9616.
Irregular : 9556; 9559.
Unhealthy : 13,922-3.
Depression of trade in Bradford : 9582; 9621-2; 9637; 9640-2; 9658-9.
System of working : 9616-20; 9667-8; 13,923.

Friendly Societies and Relief Funds :

Benefit, out-of-work : 9628.

Half-Time System (see under *Boy Labour*).**Inspection :**

Inefficient : 9595; 9601-2.
Inspectors :
Complaints to : 9566-74; 9593-5; 9651.
Evasion of : 9566; 9647.

Labour :

Hours of : 9620; 9668; 9670; 9673-4; 9849; 13,921.
Increase of : 9546-7.
Overtime : 9563; 9567; 9575-9; 9668; 9674; 9849; 13,910.
Abolition of, advocated : 9575; 9580; 9630-2.
Reasons for : 9669-70; 9675; 9850.

Machinery : 9849; 13,928.

Effect of : 13,927.

Overtime: (see under *Boy Labour, Labour, Wages*).

Picketing and Intimidation:

Leeds, in: 7953-6; 7958.
Punishment of: 7954; 7958.

Production:

Tariffs: 9638-42.
Effect of McKinley: 9639-42; 15,573a.

Profits (see under *Employers*).

Refutations:

Improvement in condition of working people, denied: 9633.

Remedies:

Improved drainage in dye-houses: 9849.
Organisation: 9644; 9678.

Sanitation:

Lighting: 9592; 9620.
Unsatisfactory: 9592; 9849.

Strikes, Lock-outs, and Disputes:

Bradford: 9545-6; 9549-51.
Leeds: 7772-3; 7777; 7943; 7946-63; 15,573-4.

Trade Unionism:

Advocated: 9644-5.
Attitude of, towards Non-unionists: 7773; 7952-6.
Increase of: 9558; 9678-9.
Obstacles to: 9582; 9589.
Influence of: 9557-8; 9581; 9854.
Number of Unionists: 9543; 9585-y; 9664; 9678; 9849; 9853.
Opposition of employers towards: 9582; 9623-6.
Policy of: 7947-9.

Unemployed: 9582; 9622.

Wages:

Average: 9552; 9590; 13,910-1.
Mode of fixing: 9654-6; 9672-3; 13,909.
Overtime: 9671; 9851-2.
Reduction of: 9546; 9549-51; 9555; 9621; 9653-61; 9666.

Caused by:

Scarcity of employment: 9551; 9559; 9666.
Want of organisation: 9666-7.

Variations in: 9553-4; 13,910; 13,919.

Women and girls, of: 13,912.

Women's Labour:

Age of women: 13,913-5.
Hours of: 13,921.
Nature of: 13,912.

DATA.

GAS-MAKING.

Gas.

Witnesses:

Employed: Blackburn, Thomas (23,702-929; 24,047-83); Gardner, John William (28,034-145); Higgins, John William (24,218-528); James, William (28,272-362); Marsh, John, and Siggers, Denham (28,146-271); Taylor, Jonathan (23,438-618); Thorne, William (24,592-25,418); Ward, William Henry (23,930-24,046; 24,075-217).

Employers: Duxbury, Thomas (25,925-26,192); Jones, H. E. (26,193-422); Livesey, George (26,693-27,099); Trewby, George Careless (26,423-692); Valon, William Andrew McLutosh (25,674-924).

Independent: Beckworth, William (15,588-616).

Districts and places referred to:

America, United States of: 24,196-7.
Bankside: 23,860; 23,718.
Barnsley (*Yorkshire*): 23,441; 24,959-61; 24,973; 24,994.
Beckton Works (*London*): 24,875; 24,894; 26,500; 26,551; 26,671; 26,789; 28,044-5; 28,273-4; 28,316; 28,351.
Belfast: 23,942; 24,187.
Birmingham (*Warwickshire*): 24,101; 24,187; 24,534.
Blackburn (*Lancashire*): 26,000; 26,007; 26,054; 26,106.
Blackwall Lane (*London*): 24,039.
Bolton (*Lancashire*): 24,187; 26,000; 26,007-8; 26,054; 26,106.
Bow Common (*London*): 25,473.
Bristol (*Gloucestershire*): 24,541; 24,753-5; 25,204.
Bromley (*Kent*): 24,974; 24,989; 25,183.
Cambridge: 24,130; 28,121-2.
Canning Town (*London*): 24,046; 25,131; 26,552.
Darlington (*Durham*): 24,177.
Darwen (*Lancashire*): 25,925; 25,932; 26,003-8; 26,016; 26,023.
Deptford Creek (*London*): 26,877.

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District and places referred to—continued.

Devonport (*Devonshire*): 24,194.
East Greenwich Works (*London*): 24,041; 24,046; 24,066; 24,124; 24,470; 25,129; 26,718; 26,790; 26,872; 26,983-6.
East Ham (*London*): 26,552.
England: 26,002.
Germany: 24,203.
Great Britain: 23,500; 23,609; 24,913; 25,675; 25,683.
Greenwich (*London*): 23,703-4; 23,707; 26,718.
Hackney (*London*): 25,152.
Hitchin (*Herts*): 28,121.
Huddersfield (*Yorkshire*): 23,530; 23,536.
Ireland: 23,500; 25,683.
Kensal Green (*London*): 24,894.
King's Cross Works (*London*): 26,579.
Leeds (*Yorkshire*): 15,586; 23,486; 24,171; 24,175-6; 25,137; 25,146; 25,205.
Liverpool (*Lancashire*): 24,091.
London: 24,171-3; 24,227-9; 24,268; 24,357-65; 24,429; 24,614; 24,883-4; 24,827; 25,129; 25,346; 26,213; 26,311; 26,368; 26,423; 26,500; 26,588; 26,789; 26,891.
Manchester (*Lancashire*): 24,039-41; 24,045; 24,097-100; 24,130; 24,147-8; 24,235; 24,316; 24,356; 24,369; 24,384; 24,408; 24,441; 24,451; 24,485-7; 24,551; 24,564-8; 24,572-3; 24,576; 24,581-93; 24,606-8; 24,786-7; 24,793; 24,959; 24,962-4; 25,047; 25,062; 25,068; 25,222; 25,238; 25,271; 25,275-6; 25,286-7; 25,346; 26,025; 26,119.
Marsh (*Lancashire*): 24,470.
Maze Hill Station (*London*): 24,257.
Millwall: 25,151.
Newcastle (*Northumberland*): 27,175.
Norwich: 24,969; 24,994.
Nottingham: 24,560; 25,059.

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Districts and places referred to—continued.

Old Kent Road (London): 23,731; 24,101; 24,231; 25,026; 25,129; 25,353; 26,718; 26,796; 26,824; 26,877; 26,888; 28,047; 28,121; 28,165.

Plymouth (Devonshire): 23,864-8; 24,194; 25,156-9; 25,163; 26,903; 28,035-43; 28,142.

Ponder's End (London): 24,973; 25,183.

Poplar (London): 25,421.

Ramsgate Works: 25,715; 25,722; 25,778; 25,844.

Rotherham (Yorkshire): 23,441; 23,463-4.

Rotherhithe (London): 25,129; 26,718; 26,877.

Salford (Lancashire): 24,100; 24,130; 24,148; 24,219; 24,225; 24,235-9; 24,316; 24,372-6; 24,384; 24,476; 24,489; 24,554-61; 24,569; 24,576; 24,595; 24,612; 24,786-7; 24,793; 24,964; 25,272; 25,586-7; 25,932.

Sheffield (Yorkshire): 23,438-4; 23,445; 23,462; 23,465; 23,471; 23,582; 26,872.

Sittingbourne (Kent): 28,121; 28,139-40.

Toxteth Park Works: 24,091.

Vauxhall (London): 23,717; 23,742; 25,026; 25,101-2; 25,131; 26,718; 26,821; 26,824-6; 26,874; 26,877; 28,117; 28,156.

Vauxhall Bridge (London): 24,037; 24,133; 24,165.

Wapping (London): 25,131.

Wigan (Lancashire): 26,024.

Woolwich (London): 26,552.

Yorkshire, 23,486; 23,492.

Accidents: 25,709; 26,458-9.**Employers' Liability Act:**

Amendment of, advocated: 24,001-2; 25,024-5.

Contracting out of, deprecated, 25,024-5; 25,380-9; 25,402-8; 27,033; 28,143.

Acts of Parliament: 25,460-6; 25,760.

Conspiracy and Protection of Property Act: 25,174-8; 26,123-6; 26,218-9; 26,880.

Amendment of, advocated: 26,029-30.

Employers' Liability Act:

Amendment of, advocated: 24,001-2; 25,024-5.

Contracting out of, deprecated: 25,380-8; 25,402-8; 27,033; 28,143.

Riot Act: 15,605.

Allowances:

Gardens: 26,737-42.

Holidays with payment: 25,708-9; 26,463-4; 26,709-11; 28,282-4.

Medical attendance: 26,453-4; 26,711.

Oatmeal, tea, and coffee: 25,752-3; 26,772-4.

Pensions: 26,712-8.

Profit-sharing (see under *S. Metropolitan Strike*).**Arbitration and Conciliation: 23,576; 24,887-8; 27,064-7.**

Advantages of: 23,486-8; 23,578-8; 25,918-24.

Advocated: 23,488-9; 25,444-52; 25,766; 26,027; 26,299.

Boards of, in gasworks, advocated: 25,766-7; 25,850-6; 26,586-91.

Deprecated: 24,887-8; 26,917-24.

Difficulties of: 23,477-83; 23,577.

Mediation: 15,588-90; 15,604-5.

Not offered: 24,895-901.

State Boards of:

with State umpire, advocated: 25,891-908; 26,027; 26,620-8; 26,649-58; 26,680-90.

Compulsory reference to, during winter months, suggested: 26,028-35; 26,122; 26,171-6.

Strikes, prevention of, by (see under *Strikes*).Trade Union Rules *vs.*: 24,841-5; 25,251.**Associations:****Of Employed:**

Amalgamated Engineers' Society: 25,906-8; 26,135-8; 26,515-8; 16,785-6.

Darwen Labourers' Union: 26,122; 26,141.

Darwen Stokers' Union: 25,954-9; 25,961; 25,965; 25,982-3; 26,000-7; 26,066-72; 26,080-6; 26,093-5; 26,127-32; 26,145; 26,167-72.

Gasworkers and General Labourers' Union:

Beckton Branch: 28,319-27; 28,344-6; 28,357-62.

Greenwich Branch: 23,702-16; 23,722; 23,734; 23,742; 23,811; 23,854; 23,861; 23,863-5; 23,869; 23,877-9; 23,894; 23,906; 23,918; 23,923-9; 24,051-4; 24,059-60.

London Branch:

(Mr. Ward's evidence): 23,930-43; 23,946; 23,971; 24,004-9; 24,016-7; 24,065; 24,085-90; 24,098-100; 24,104-5; 24,124; 24,129; 24,132; 24,140; 24,147-9; 24,156; 24,181-8; 24,187-91; 24,209.

(Mr. Thorne's evidence): 24,529-50; 24,614; 24,620-1; 24,284; 24,292-4; 24,704; 24,275; 24,780; 24,841-8; 24,863-6; 24,910-53; 25,075; 25,094; 25,102; 25,153-5; 25,206-13; 25,221; 25,225; 25,251; 25,298-302; 25,327; 25,335.

(Mr. Valon's evidence): 25,822-7; 25,848; 25,911.

(Mr. Trewby's evidence): 26,491; 26,515; 26,519-25; 26,529-30; 26,536; 26,548; 26,597; 26,659; 26,671.

(Mr. Livesey's evidence): 26,790-9; 26,808-16; 26,823; 26,864-9; 26,874; 26,877; 26,882; 26,904-9; 26,913-5; 26,926; 26,974-8; 27,019-27; 27,030-2; 27,050-4; 27,056-62; 27,069; 27,076-7.

(Messrs. Marsh and Sagger's evidence): 28,156-76; 28,185; 28,207; 28,222-33; 28,270.

Manchester and Salford Branch: 24,220; 24,351; 24,355; 24,375; 24,381; 24,389-408; 24,414-8; 24,437-8; 24,447-50; 24,476-88; 24,501-20; 24,558-69; 24,578; 24,606-12; 24,786-8; 24,793-9; 24,848-62; 25,222-4; 25,266-74; 25,289; 25,350.

Plymouth Branch: 25,157-9; 28,034-42; 28,115-7.

Poplar Branch, 25,419-20; 25,448; 25,452-3; 25,477; 25,482.

Sheffield Branch: 23,438-43; 23,458-60; 23,465; 23,527; 23,541-3; 23,551; 23,582.

Various: 24,187; 25,478; 25,983; 26,401-5.

Of Employers:

Incorporated Gas Institute: 25,674-86; 25,768-76; 25,926; 26,424.

Manchester District Institution of Gas Engineers: 25,927.

Capital:

Capital and labour: 23,564; 23,616-8.

Gas Companies:

Capital of: 26,427; 26,483-8; 26,565; 26,634-43; 26,752-4; 26,913.

Dividends of: 23,468-9; 24,176; 24,888-9; 26,477-82; 26,563-9; 26,636-41.

Mains of, extent of: 26,428-9.

Reduction of: 24,889-92.

Competition: 23,549; 24,202-4; 26,014; 26,560.**Congresses:**

Trades Union: 25,334-40.

Co-operation: 23,557-61.

Advantages of: 25,565-6.

Productive, in operation: 25,046; 25,070-4.

Rules of: 23,598-604.

Workers to be considered before shareholders—23,559-64; 23,591-7; 23,603.

Co-operation—continued.

Working men: investors in co-operative undertakings: 23,562-4.

Councils: 15,605.

Chambers of Commerce: 15,605; 23,489.

Eight Hours' Day: 23,549-50.

Legal enactment of:

Advocated; 23,971-3; 24,020-1; 24,076-8; 24,169; 24,190-4; 24,994; 25,037; 25,227-8; 25,256-7; 25,329-38; 25,460.

By Trade Union permission: 25,461-70.

With trade option, advocated: 23,499-504; 23,544-8; 23,551-2; 24,197-206; 25,336-8.

Voluntary:

Advantages of: 23,519; 23,550; 24,205-8; 25,493-9; 28,289; 28,346.

Employment of more men: 23,960-6; 24,020; 24,205-8; 24,216-7; 24,999-25,011; 26,490-5.

Failure of: 24,195-7.

Forty-eight hours per week: 24,200; 25,046; 25,696; 25,702-4.

In operation: 23,460-4; 23,517; 23,857-60; 24,091-2; 24,875; 25,080-1; 25,424; 26,104; 26,276-7; 26,441-2; 26,642; 26,730; 28,209-11; 28,220-1.

In most gasworks: 23,944; 24,994; 24,996-8; 26,301-3.

Introduction of: 15,592; 25,425-7; 25,778; 25,933; 26,036; 26,276; 26,290; 26,401; 26,470-6; 26,709; 26,789; 28,209; 28,269-70; 28,285; 28,343.

Deprecated: 25,782-3; 26,290; 26,400-6; 26,489; 28,279-82; 28,286-8; 28,335-43.

Offered to and declined by employed: 28,279-82; 28,286-8; 28,335-43.

Production:

Effect on: 15,592; 23,519-20; 23,550; 23,949-66; 24,994-5; 24,998-9; 25,190; 25,428-42; 25,940; 26,036; 26,278; 26,789; 28,212-20; 28,290-5.

Increased cost of: 23,967-70; 25,012-9; 25,941-2; 26,038; 26,105; 26,278-9; 26,290-7; 26,477-88; 26,634-42; 26,789; 26,634-5; 26,941.

Reversion to longer hours requested by employed: 25,778-84; 26,902-3.

Suggestions re: 24,194-200; 24,216-7; 25,330.

Trade Union, effect of, on: 23,460; 23,582-92; 25,095; 25,824-5; 26,401-6; 26,789; 26,980; 28,222-30.

Employed:

Arbitration, suggestion re: 25,444-5; 25,452.

Classes of:

Stokers: 25,818-9; 25,828-32; 25,965-9; 25,672; 26,039-45; 26,107-11; 26,276; 26,244; 26,697; 26,768.

Yard labourers, fitters, &c.: 25,973; 26,039-44; 26,697-700; 26,766-71; 27,007-9.

Complaints of: 24,111; 24,194; 24,867-83; 24,959-60; 25,374-7; 25,473.

Condition in old age and infirmity of: 25,754; 25,828-9; 25,871; 28,354-6.

Contract of service:

Fortnightly: 24,658-67; 25,242; 26,312-8.

Monthly: 15,605; 25,161; 25,292-4; 26,433-4; 26,526-9; 26,572-3; 26,686-9.

Weekly: 24,661-6; 25,162; 25,246; 25,295; 26,211-32; 26,317.

Demand and supply of: 26,556-7.

Difficulties with: 26,039-57; 26,276; 26,489-95; 26,515-37; 26,548-9; 26,578-83.

Dismissal of: 25,375-9; 25,390-401; 26,492; 26,584-5.

Distance of, from works: 26,551-2; 26,558-9.

Gangs of: 25,321-7; 25,351-8.

Health of: 25,749-51; 26,446-7; 26,458-60.

Hours of (see under *Labour*).

Houses of (see under *Workmen's Dwellings*).

Employed—continued.

Improved accommodation for meals and cleansing purposes, desired by: 23,974-84; 24,081-3; 25,471-5.

Machinery:

Displacement of men by: 24,020; 24,094; 24,311-2; 24,348-9.

Other objections to: 24,018; 26,496-503.

Medical attendance of: 26,453-4; 26,711.

Notice of gas workers:—Legal penalties for insufficient: 25,162; 25,174-8; 25,243-7; 25,295; 26,123-6; 26,218-9; 26,228-31; 26,312-6; 26,572-7.

Number of: 23,464-5; 25,685; 26,004-7; 26,430; 26,695; 26,915; 26,929; 28,316-8.

Reduction in summer of: 25,748; 26,435-40; 26,703-5; 28,316-8.

Oatmeal, tea, and coffee provided for: 25,752-3; 26,772-7.

Prosecutions of: 24,294-303; 24,337-47; 24,667-79; 26,492-5; 26,534; 26,671-5.

Relations with employers: 23,466; 23,476; 23,582-90; 26,020; 26,039-57; 26,276-8; 26,290; 36,403-6; 26,471-6; 25,515-25; 26,537.

Skilled and unskilled: 23,457-63; 23,515-8; 24,964-8; 25,965; 25,972; 25,992-3; 26,090-9; 26,698-703.

Standard of living of: 23,564-6; 25,479; 25,753-4; 25,830-2.

Temperance and insobriety of: 23,611-4; 24,111; 24,464-5; 25,453-9; 25,751-2; 28,200; 28,240-67.

Thrift of: 23,606-7; 23,610-4; 26,748; 26,750-1; 28,197-9.

(See also under *Profit Sharing*. *S. Metropolitan Strike*.)

Training of: 26,699-702.

Union and non-union men:

No distinction made between: 26,465-9; 26,524.

Proportion of: 23,464-5; 28,319-27.

Unfriendly attitude of: 24,003-17; 28,296-310.

(See also under *S. Metropolitan and Manchester and Salford Strikes*.)

Witness, position of: 24,218-3; 24,244-54; 24,336; 24,350; 24,490-9; 24,421-8; 24,533-6; 28,044-8; 24,146-56; 28,272-8; 28,296; 28,311-2.

Employers:

Combination and federation of employed, deprecated by: 25,858-9; 26,407-22.

Contributions of: 26,711; 26,731; 27,034-8.

Difficulties of, with employed: 24,867-901; 24,959-61; 26,039-57; 26,276; 26,489-95; 26,515-37; 26,548-9; 26,578-83.

Incorporated Gas Institute: 25,674-82.

Statistics supplied by: 25,683-713; 25,833-4.

Intimidation of employed by, prevention of, advocated: 25,315-8; 25,374-9; 25,390-401.

Magistrates and: 24,668-79.

Relations with employed (see under *Employed*).

Responsibilities of: 25,170-3; 26,217-9; 26,311; 26,515; 26,530-5; 26,548-50; 26,570-1; 26,597-9; 26,602.

Trades unionism and: 23,443; 23,466-7; 23,582-90; 26,397-9; 26,490; 26,515-21; 26,536-7; 26,597-600; 26,614-9; 26,668-79; 26,913-5; 26,975-86; 27,010-1; 27,017-8; 27,032; 27,057-71.

(See also under *Strikes*.)

Witness, position of: 25,674; 25,925-7; 26,193; 26,423-6; 26,693-4.

Employment:

Change of two shifts to three: 26,470-9.

(See also under *Eight Hours' Day*.)

Conditions of: 24,727-9.

Improvement in: 23,947-8; 25,453-9; 25,479; 25,743-6; 25,830-2; 26,037; 26,300-3; 26,513-4; 26,709.

GAS.

Employment—continued.

Labourious and exhausting: 23,973-8; 24,894; 25,197-9; 25,433-5; 25,829; 25,965-80; 26,107-11; 26,644-8; 26,729-30; 26,767-71.

Various: 26,000-8; 26,106.

(See also under *S. Metropolitan Strike*.)

Continuous and non-continuous: 25,194-7; 25,715-28; 26,304.

Employers' Liability Act, contracting out of, deprecated: 25,024-5; 25,380-9; 25,402-8; 27,033.

Healthy and regular: 25,747-51; 26,435-40; 26,446-7.

Well paid: 25,743-7; 26,556-7; 26,764-6.

Inspection: 25,474.

Labour: 25,714; 26,709.

Days per week worked: 25,943-4; 25,973; 26,709; 26,736; 28,314.

Holidays: 15,592-5; 15,605; 25,708-9; 26,463-4; 26,709-11; 28,282-4.

Ramsgate Works' system of one day's rest in seven: 25,711; 25,714-41; 25,780; 25,785; 25,789-90; 25,803; 25,839-43.

Hours of:

Average: 25,696; 25,700; 25,703-5; 25,965; 26,709.

Commencing and stopping work: 24,327-35; 25,202-3; 25,844-9.

Eleven per day: 25,191-201; 26,297; 26,709; 26,730; 26,902.

Exceptional: 25,696; 25,703; 25,785.

Per week: 26,109; 26,643; 26,709.

Reduction in: 23,947-8; 25,697; 25,745; 25,824; 26,104; 28,279; 28,282.

Twelve per day, reversion to: 23,858-62; 23,972; 24,018; 24,246-54; 24,727-9; 24,959; 24,971-4; 25,296-303; 26,900-3.

Meal times: 25,246.

Overtime: 25,691-6; 26,695; 26,755.

Strikes *re*: 24,959-63; 24,971-93; 28,279-82.

Sunday work: 25,477-82; 25,696; 25,711; 25,785-8; 25,792-805; 25,943-4; 26,299-310; 26,443-5; 26,709; 26,732.

Preference for: 23,820-1; 25,943; 26,709.

Suspension of: 26,732-6.

(See also under *South Metropolitan Strike*.)

Lodging and Rent (see under *Workmen's Dwellings*).

Machinery:

Advantages of: 24,306-16; 25,744; 26,504-14; 26,645-8; 26,984-91.

Cost of: 24,105; 24,109-15; 26,661-2.

Displacement of men by: 24,020; 24,094; 24,311-2; 24,348-9.

Disputes *re*: 26,496-503.

Introduction of: 24,095-105; 26,496-7; 26,691; 26,982-91.

Reversion to 12 hours through: 24,018.

Repairing of: 24,875-7.

Various kinds of: 24,893-5.

Municipalisation (see under *Remedies*).

Overtime (see under *Labour*).

Pensions: 28,354-6.

Advocated; 23,564; 23,605; 25,756; 25,864.

Compulsory, advocated: 25,756-65; 25,885-90.

Method of raising: 23,564; 23,605; 25,756-65; 25,864-90.

South Metropolitan Superannuation or Pension Fund: 26,712-20.

Superannuation Fund and Trades Unionism: 23,608-12.

Picketing and Intimidation:

Amendment of Law *re* advocated: 25,860-3; 26,029-35; 26,126; 26,177-83; 26,676-9.

Deprecated: 26,997.

Amendment of law *re* intimidation of employed by employers, advocated: 25,374-7; 25,390-401.

Practised at Beckton: 26,671-5; 28,298-310; 28,327; 28,344.

Darwen: 25,960; 26,058-62; 26,067-80.

Leeds: 15,592-605; 25,137-55; 25,204-9; 25,236.

Manchester: 24,576; 25,236-41.

South Metropolitan Gas Strike (see under *Strike*).

Production: 23,853-4; 26,903.

Carbonised Coal, total tons of: 25,684-6; 25,770-1; 26,429.

Competition in gas-making: 23,549; 24,202-4; 26,014; 26,560.

Cost of: difference in; 24,170-80; 26,287; 26,952-4.

Eight Hours' Day, (and see under *subject-heading*).

Increase in: 26,291; 26,479-88; 26,634-43; 26,789; 26,913.

Gasworks, ownership of: 23,942; 24,170; 24,178-80; 25,839; 26,017.

Machinery, use of, in: 24,098-109; 24,375; 24,893-5; 25,744; 26,496-7; 26,982-9.

Manual labour, use of, in: 24,105; 24,111; 26,729; 26,982.

Monopoly of: 25,013-20; 26,014-9; 26,560-2; 25,685.

Price of gas: 23,468-75; 23,522-4; 24,105-10; 24,170-8; 25,020-3; 25,476-7; 26,015-6; 26,279-89; 27,096.

Variation in; 24,108-9; 24,170-4; 26,022-6; 26,282-6.

Sunday work, and; 23,809-12; 25,719-28; 25,785-94; 26,299; 26,304.

(See also under *South Metropolitan Gas Strike*.)

Retorts, charging, drawing, &c.: 15,592; 15,605; 24,866-75; 24,994-5; 25,003-6; 25,191-201; 25,431-7; 25,477; 25,965-9; 25,973-7; 26,000-2; 26,050; 26,107-11; 26,690-1; 26,729-31; 26,789; 26,998; 28,217-8; 28,291-5; 28,336-8.

Profit Sharing:

Advocated: 23,525-6; 23,559; 26,657-8.

In operation: 26,723-6; 27,094-9.

(See also under *South Metropolitan Strike*.)

Objections to: 25,756-9; 25,809-19.

Relief Funds and Friendly Societies:

Benefit Society, Beckton: 28,349-53.

South Metropolitan Sick Fund: 26,711; 26,730; 27,033-8.

Widows and Orphans Fund: 26,731.

Workmen's Provident Society: 26,447-57.

Remedies:

Municipalisation of gas and water, advocated: 24,170.

Of Workmen's Dwellings, advocated: 23,495-8; 23,580-8.

Of property: 25,315.

Pensions by taxation, advocated: 23,564.

Sanitation. Improved accommodation in gasworks, advocated: 23,974-83; 24,081-3; 25,471-5.

Sanitation:

Good: 24,084; 25,473.

Improved accommodation in gasworks, desired: 23,974-83; 24,081-3; 25,471-5.

Sliding Scales: 26,929; 27,047.

State Interference (see under *Eight Hours' Day*).**Strikes :***South Metropolitan Gas Strike :*

Causes of :

Double time on Sundays given under protest : 23,717-8 ; 23,722-3 ; 23,740-2 ; 23,817-8 ; 23,907-22 ; 24,066-74 ; 24,614-8 ; 24,624-9 ; 24,088-93 ; 25,098 ; 25,291 ; 25,477 ; 26,822-31 ; 28,120.

Meetings and resolutions, *re* : 23,723-38 ; 23,776-822 ; 23,911-22 ; 25,076-87 ; 26,823-8 ; 26-872.

Indirect : Action of Trade Union : 25,075 ; 25,107-21 ; 26,790-817 ; 26,872 ; 26,877 ; 26,880 ; 27,052-3 ; 28,156.

Non-union men, dismissal of, demanded : 23,742-5 ; 25,102-6 ; 26,874-5 ; 27,050 ; 27,076-7 ; 28,117 ; 28,156.

Refused : 26,874 ; 26,877 ; 27,076.

Profit-sharing scheme : Acceptance of : 23,717 ; 23,742 ; 23,822 ; 25,102-5 ; 26,841 ; 26,856 ; 26,864 ; 26,872 ; 26,874 ; 26,877 ; 26,894 ; 26,927 ; 27,051 ; 27,072-5.

Objections to : 23,823-4 ; 23,738 ; 23,757-60 ; 23,836-51 ; 24,625-58 ; 24,707 ; 24,716 ; 25,095 ; 26,869-72 ; 26,885-6 ; 26,929 ; 26,956-8 ; 28,112 ; 28,156.

Twelve months' clause objected to : 23,760-3 ; 23,822-35 ; 24,632-5 ; 24,903-9 ; 25,107-8 ; 25,122-7 ; 25,291 ; 26,882-6 ; 26,956-9.

Various ; 23,717 ; 23,742 ; 28,043 ; 28,112-7 ; 28,156.

Development, organisation, and conduct of :

Destruction of property : 26,877 ; 26,882 ; 27,075.

Hours, change of : 23,857-62 ; 25,296-303 ; 26,900-3.

Housing and feeding men on gas premises : 24,043-5 ; 24,255 ; 24,289-92 ; 26,892 ; 26,902 ; 27,084-8.

Importation of labour : 24,130 ; 24,227-37 ; 24,419-37 ; 25,286-90 ; 26,882 ; 26,886 ; 27,078 ; 28,121-4.

Livesey, Mr., letter from, to "Times" newspaper : 26,877 ; 26,899.

Loyalty of men and officials, 26,897 ; 27,072-4 ; 27,082 ; 28,156-8 ; 28-185.

Mediation : 26,882-6.

New men :

Advertisements for : 25,412-4 ; 26,832-4 ; 26,877 ; 27,081.

Aware of impending strike : 24,357-64 ; 24,438-50.

Efforts to stop : 24,041 ; 24,265-77 ; 24,369 ; 25,032-4 ; 25,135-6 ; 25,414-8 ; 26,882 ; 28,043 ; 28,121-4.

Inducements offered to : 24,131 ; 24,239-48 ; 24,353-4 ; 24,451-65 ; 25,413 ; 26,897.

Police protection for : 24,043 ; 24,281-2 ; 25,027-35 ; 25,349 ; 25,361-72 ; 26,835 ; 26,882 ; 26,886-8 ; 27,088.

Training of, and difficulty with : 26,892-7 ; 27,079-83.

Refusal to discharge : 23,853-5 ; 26,897.

Notice, tendering of, and number of men involved : 23,746-7 ; 23,874-6 ; 23,926 ; 24,716-20 ; 26,874-7 ; 26,881-2 ; 26,893-5 ; 26,928-9 ; 28,156 ; 28,185.

Old hands to be taken back as occasion offered : 23,748 ; 23,764-70 ; 23,855-6 ; 24,724 ; 25,167 ; 26,898-9 ; 26,903 ; 26,906 ; 26,910.

Breaking of agreement, *re*, complained of : 23,764 ; 23,767 ; 23,774-5 ; 23,852-7 ; 23,869 ; 23,906 ; 24,725 ; 25,167 ; 25,305-10 ; 27,055.

Picketing and intimidation : 24,060-2.

Amendment of law, *re*, advocated : 24,162-4 ; 25,374-8 ; 25,390-401.

Imported labour, of : 24,039 ; 24,256-88 ; 24,365-9 ; 24,466-75 ; 25,128-36 ; 25,346-52 ; 25,361-73 ; 26,889-91.

Police interference, *re*, resented : 24,036-8 ; 24,133-5 ; 24,165-8 ; 25,026-35 ; 25,135-6 ; 25,180 ; 25,344-9 ; 25,352-6 ; 25,369 ; 25,417 ; 28,125-36.

Prosecutions, *re* : 24,046 ; 26,891.

Strikes—continued.**GAS.**

Violence to men : 24,044 ; 24,047-53 ; 24,062-3 ; 24,259 ; 24,365 ; 26,877 ; 26,891 ; 26,916 ; 27,088 ; 28,156 ; 28,185 ; 28,238-9.

Attitude of Union, *re* : 24,046 ; 24,052-9 ; 24,065-6 ; 24,075 ; 24,122-8 ; 24,132 ; 24,686 ; 25,236.

Police and press, tribute to : 26,882 ; 26,891.

Preparations of South Metropolitan Gas Company : 26,819-22 ; 26,832-5 ; 26,839-40 ; 26,875-7 ; 26,882 ; 27,078-82.

Production of gas : 26,891 ; 26,897 ; 26,916.

Profit-sharing Scheme :

Advantages of : 23,837-43 ; 24,317-26 ; 24,741-2 ; 26,743-54 ; 26,841 ; 26,872 ; 26,955-72 ; 26,999-004 ; 27,068-71 ; 28,171-84 ; 28,194-8 ; 28,271.

Application of : 26,864-7 ; 27,023 ; 27,090-3.

Complete withdrawal of :

Demanded : 26,882 ; 27,077.

Deprecated : 26,841 ; 26,872 ; 26,958.

Nature and reason for introduction of : 26,836-70 ; 26,877 ; 26,923-36 ; 26,944-55 ; 27,042-9 ; 27,054 ; 27,094-9.

Withdrawal of clauses objected to : 23,825-8 ; 23,844-7 ; 24,629-30 ; 25,292 ; 26,844-56 ; 26,870-2 ; 26,877.

Revolvers, alleged use of : 24,046 ; 24,117-21.

South Metropolitan Gas Company, efforts to procure situations for old hands : 23,899-905 ; 24,973-92 ; 25,183-9 ; 26,916.

Strike without notice, advice *re* : 23,870-8 ; 24,658-63 ; 25,162-82 ; 25,247-50 ; 28,142-3.

Sunday labour, little, at South Metropolitan Gas Works : 23,720-37 ; 23,788-98 ; 23,803-12 ; 23,924-6 ; 25,099-100.

Thorne, Mr., speech of, at Plymouth : 23,863-73 ; 25,156-63 ; 25,247,50 ; 25,304-5 ; 26,903-4.

Undue zeal of foreman : 23,881-98.

Union :

Aggressiveness of : 26,874 ; 26,877 ; 26,907 ; 26,913 ; 26,974-9 ; 27,057-63 ; 28,156-76 ; 28,185 ; 28,206.

Levy by : 24,863-5.

Strike authorised by : 24,620-3.

Union men :

Refusal to employ : 23,748-50 ; 23,879-81 ; 23,901-3 ; 23,966 ; 24,725-6 ; 25,168-82 ; 25,310 ; 26,877-80 ; 26,904-10 ; 26,913 ; 26,916 ; 27,056-63.

Refusal of, to work with non-unionists : 23,742-3 ; 25,102-5 ; 26,874 ; 26,877-80 ; 26,916 ; 28,156 ; 28,185.

Settlement and general results : 26,913 ; 28,253-6.

Co-operative stores, starting of : 25,046.

Cost of :

South Metropolitan Company, to : 24,708-9 ; 26,913.

Union and men, to : 24,140 ; 24,693-709.

Displacement of employed : 23,751-6 ; 24,066 ; 24,075 ; 24,709-10 ; 26,982-95 ; 28,182-4.

Duration of : 23,716 ; 23,743-8 ; 24,691.

Membership of Union reduced : 23,707-9 ; 23,751-4 ; 23,933-48 ; 26,904-9 ; 26,914-5 ; 27,027 ; 27,076 ; 28,175.

Profit sharing, happy results of : 24,317-26 ; 24,902 ; 26,743-53 ; 26,841 ; 26,872 ; 26,913 ; 26,943-72 ; 26,999-27,011 ; 27,068-71 ; 28,177-84 ; 28,194-8 ; 28,271.

Settlement : 23,748 ; 24,711-4 ; 24,723-4 ; 25,156 ; 26,897-901 ; 26,918 ; 26,923.

Union men, not knowingly employed : 23,749-50 ; 23,926-9 ; 26,904-9 ; 26,914-6 ; 27,022-32 ; 27,057-63.

Manchester and Salford Strike :

Causes :

Manchester Corporation fail to keep agreement : 24,550-3 ; 25,047-52.

GAS.

Strikes—continued.

Salford men come out in sympathy with Manchester men: 24,148; 24,225; 24,372-3; 24,487-9; 24,554; 24,572.

Trade unionism: 24,147-8; 24,154-5; 24,225; 25,049-51; 25,266-71.

Development, organisation, and conduct of:**Corporation:**

Interviews with, and action of: 24,148; 24,560-3; 24,569; 24,600-11; 25,065-8; 25,262-6; 25,272-6.

Stipulations of, *re* re-engagement of men: 24,151; 24,569; 24,609.

Horrocks, Mr., violent language of: 24,148; 24,576-9.

Importation of labour: 24,576; 24,579-605; 25,263-5.

Migration of Salford men to London: 24,224-39; 25,287-90; 25,346-51.

Notices of men: 24,569-74; 24,590-6; 24,606-7; 25,050-70.

Police protection: 24,576; 25,236-41.

Protest against strike: 24,375-9.

Salford, no grievance whatever in: 24,148; 24,374; 24,554-6; 25,258-61.

Strike, ordered by Mr. Horrocks: 24,148; 24,483-7; 24,558-9; 24,794-6.

Trade Union:

Action and attitude of, *re* strike: 24,149-53; 24,383-8; 24,576; 24,600-12.

Compulsory membership of: 24,351-2; 24,501-2; 24,772-93.

Executive of, disown responsibility of strike and consider it unjustifiable: 24,147-8; 24,156-9; 24,388; 24,560; 24,566-8; 24,586-9; 24,596; 24,607-13; 24,716; 24,787; 24,793; 24,797-9; 25,056-61; 25,238.

Levy of: 24,502-8; 24,513-6; 24,848-62.

Members of, unprovided with rules: 24,389-96; 24,478-83; 24,508-20.

Payment by: 24,158; 24,355-6; 24,389; 24,397-425; 24,476-7; 24,483; 24,576-86; 25,277-85.

Settlement and general results of: 24,381-2.

Displacement of men: 24,499-500; 24,569; 24,962-8.

Duration of: 24,226-8; 24,380.

Strikes generally:

Advocated and deprecated: 24,209; 25,446; 25,451; 26,311; 26,368; 26,406; 26,623.

Causes of:

Agreements, broken: 24,867-70; 24,879; 26,690.

Hours: 24,959; 24,973-4; 24,993.

Increase of wages or reduction of work: 26,012-3; 26,121.

Machinery, labour saving: 26,496-503; 26,691.

Trades Unionism: 24,920-52; 25,252; 28,142-3; 28,298.

"Unreasonable demands" of men: 25,929; 25,950; 26,039; 26,054; 26,100.

Various: 23,492; 23,539; 26,530-6.

Wages, reduction of: 23,443-4.

Individual and local strikes:

Barnsley: 24,959-68.

Bristol: 24,753-9; 25,204-9.

Bromley: 24,867-82; 24,974-92; 25,183-9; 26,690-1.

Darwin 1890: 25,949-64; 26,008-11; 26,039-86; 26,127-34; 26,147-70; 26,184-92.

Discharge of Union Secretary: 25,960-4; 26,066-71; 26,080-6; 26,127-34; 26,145; 26,186-92.

Importation of labour: 25,953; 25,959; 26,058-65.

Picketing and intimidation: 25,960; 26,058-62; 26,067-80.

Unsupported by union: 25,954-7.

Strikes generally—continued.

Settlement: 25,960; 26 184-5.

Leeds:

Causes: 15,592-5.

Development: 15,592-616; 24,749-52; 25,137-55; 25,236; 26,120.

Importation of labour: 15,595-6; 15,605-7.

Mediation: 15,604-5.

Picketing and intimidation: 15,592-605; 25,137-55; 25,204-9; 25,236.

Norwich and Ponder's End: 24,969-73.

Rossendale: 26,087-9; 26,122; 26,125.

Minor disputes: 23,444-6; 25,805-8; 26,222-7; 26,276; 26,578-83; 28,279.

Number of: 24,745-8; 24,800-4; 24,866; 25,423; 26,756-9; 28,279.

Prevalence of, greater, among unskilled workers: 23,457-9.

Prevention of: 26,601-2.

Arbitration and Conciliation, Boards of, advocated: 23,476-84; 24,209-15; 24,834-9; 24,901; 24,443-52; 25,707; 25,713; 25,855-6; 26,027; 26,371.

State Boards of, compulsory reference to, during winter months: 26,027-30; 26,118-22; 26,171-6; 26,417.

State Boards of, with umpire: 26,620-2; 26,649.

Organisation: 26,372-4; 26,623-8.

Profit sharing. See under *South Metropolitan Strike*.

Various means of: 25,707; 25,713; 25,857-9.

Trade Unionism:

Advantages of: 23,466; 23,527; 23,942-8; 25,453; 25,822-7; 27,028-31.

Arbitration and conciliation, suggestion *re*: 25,444-52.

Branches of: 23,438-42; 23,863-4; 23,931; 24,181; 24,910-1; 25,225; 27,019.

Dismissal of members of: 26,895-9; 27,022-7.

Evictions and: 23,539-43.

Formation of: 23,442; 23,714-5; 23,923; 23,932; 24,220-3; 24,535-7; 24,780; 25,094-7; 26,975; 27,015-6; 28,222-9.

Membership of: 28,319-34.

Compulsory: 24,085-90; 24,129; 24,779-92; 25,318-29; 25,515; 26,790-810; 26,913.

Payment for: 23,714; 24,846-65.

Persecution, *re non*:- 28,298-310; 28,344-6.

Proportion of gasworkers in: 23,934-42; 24,182-9; 24,912-5; 27,020-1.

Reduction of: 23,706-10; 23,933-43; 24,185; 26,521-4; 26,915-6; 27,027; 28,156; 28,326-7; 28,357-62.

Unskilled: 23,457-61; 23,466; 23,515-6; 25,210.

Mode of administration of: 23,865-72; 24,147; 24,920-49; 25,206-9; 25,211-3; 25,222-4; 25,252-61; 25,954-8; 28,161-73; 28,185.

"New School" of: 25,214-20.

Objects of: 23,711-2; 23,932; 24,085-90; 27,027-30.

Rules of: 23,539-49; 24,841-5; 25,221-4; 25,251; 26,790-4.

Strikes, cost of: 24,140-3; 24,803.

Participation in (see under *Strikes*).

Suggestion, *re*: 24,006-17.

Sunday labour, abolition of, desired by: 23,924-5.

(See also under *South Metropolitan Strike*.)

Unionists and non-unionists: 24,004-17; 24,129; 24,145-7; 26,525; 26,579-82; 26,671; 26,797-810; 28,206; 28,297-8.

(See also under *South Metropolitan and Manchester Strikes*.)

Witness, position of, *re*: 23,438; 23,702-5; 23,930; 24,529-37; 25,210; 25,219-22; 28,034-42.

GAS.

Wages: 15,592; 15,605; 25,743; 25,913-5; 25,986-8.

Average earnings: 24,875; 25,696; 25,835-8; 26,108-9; 26,461-2; 26,695; 26,735.

Firemen, of: 24,738; 25,696; 26,432.

Manual stokers and scoop drivers, of: 24,734-9; 26,431.

Machine drivers, of: 24,244-54; 24,875-83.

Mechanics and artisans, of: 25,696; 25,698; 25,820; 25,933-8; 26,709; 26,940-1.

Stokers, of: 24,243; 25,696; 25,700-1; 25,821; 25,933; 25,939; 25,941-6; 25,965; 25,978-81; 26,039; 26,086; 26,431; 26,709; 26,937; 26,942; 28,190-2; 28,813.

Yardmen and labourers, of: 25,689-90; 25,696; 25,820; 25,933-7; 26,039; 26,709; 26,938-9.

Bonus in addition to: 24,317-23; 26,743-54; 26,931-6; 26,944-50; 27,039-46; 28,178-84; 28,194-6; 28,205-6.

(See also under *Profit Sharing in South Metropolitan Strike.*)

Comparative rate of: 24,173-4; 25,693-4; 25,929-32; 25,948; 25,965; 25,978-80; 26,108-10; 26,765-6; 26,930; 26,944-6; 26,952-4.

Deductions: 23,493-4; 25,710.

Holidays, payment for: 25,708-9; 26,463-4; 26,709-11; 28,282-4.

Increase in: 23,461; 23,582-90; 23,942; 23,945; 24,142; 25,688; 25,695-6; 25,705; 25,746; 25,820-1; 25,909-17; 25,933; 26,101-3; 26,278-9; 26,418; 26,709; 26,760-5; 26,937; 27,030-1.

Through reversion to 12 hours: 24,249-51; 24,729-33.

Wages—continued.

Overtime, payment of: 25,691; 25,696; 25,785; 26,695; 26,755.

Reduction in: 24,867-88; 24,900.

None made for introduction of eight hours: 23,461; 25,426-7; 26,278-9; 26,294-7; 26,789; 26,938-9; 28,177; 28,211-2; 28,220; 28,285-9.

Settlement of: 23,480-2; 23,551-2; 26,214.

State regulation of: 23,553-6; 24,169-70; 24,194.

Suggestions re: 26,122.

Sunday work, payment of: 25,478-82; 25,692-4; 25,696; 25,785; 25,944-7; 26,299; 26,305-10; 26,443-5; 26,732-6.

(See also under *South Metropolitan Strike.*)

Total paid in: 26,483-8; 26,634-5; 26,642-3; 26,695.

Trade union, effect of, on: 23,460-2; 23,942; 23,946-7; 24,142-3; 25,822-7; 25,909-17; 26,369; 26,782-6; 27,015-6; 27,030-1.

Minimum rate of: 25,982-99; 26,135-43; 26,778.

Workmen's Dwellings:

Evictions from: 23,491-4; 23,539-43.

Gardens of: 26,737-42.

Municipalisation of, advocated: 23,494-8; 23,530-8; 23,567-8.

In operation: 23,530.

Proposed Bill, re: 23,542-3; 23,567-8.

Provided by employers: 26,550-2.

Rent of, increase in: 27,100-12.

GLASS BOTTLE TRADE.

GLASS BOTTLES.

Witnesses:*Employed:* Greenwood, Alfred (29,756-30,068).*Employers:* Bagley, William (30,069-381); Candlish, Joseph John (30,069-381); Rylands, Dan (30,206-381).*Independent:* Beckworth, William (15,495-643).**Districts and places referred to:**

America: 30,360.

Blaydon-on-Tyne (*Durham*): 29,953.Canning Town (*Essex*): 29,953.Copenhagen (*Denmark*): 30,318.Delft (*Holland*): 29,921; 30,022; 30,028; 30,068; 30,100-1.

England: 29,915; 30,090-1.

Ferry Bridge (*Yorkshire*): 30,078.

France: 29,907-8.

Germany: 29,907-8; 30,067.

Holland: 29,907-8.

Knottingley (*Yorkshire*): 30,069.

Lancashire: 29,906; 29,986; 30,090-1; 30,201.

Leeds: 30,302.

London: 30,315.

Newport (*Monmouth*): 29,953.Oldham (*Lancashire*): 30,203.Pontefract (*Yorkshire*): 30,141.St. Helen's (*Lancashire*): 30,042; 30,044.

Scotland: 30,090-1; 30,330.

Seaham Harbour (*Durham*): 29,907; 29,936; 30,071.

Sweden: 30,099.

Yorkshire: 29,756; 29,906; 29,938; 29,986; 30,058; 30,081; 30,088; 30,090-2; 30,133; 30,154; 30,163-4; 30,168; 30,203; 30,256; 30,300; 30,326-30.

Acts of Parliament:

Factory and Workshop Acts: 29,865; 30,140.

Amendment of, advocated, 30,178-80.

Friendly Societies Act: 29,770.

Limited Liability Companies Act: 30,191.

Trustee Savings Bank Act: 30,288.

Allowances:

Denmark, In:

Coals: 30,318.

Houses: 30,318.

Medical attendance, 30,318.

Apprenticeship:

Apprentices:

Age of: 29,957; 29,993.

Employment of in slack times: 29,974-6; 30,213-5; 30,351-5.

Number of: 29,762-8; 29,958; 29,977; 29,991-3; 29,996-9; 30,351.

Restriction of, advocated: 29,958.

Deprecated: 30,124; 30,310.

Effected: 29,958; 29,977.

Oversupply of: 29,964-8; 29,980-1; 30,117-8.

Proportion of, to men: 29,767; 29,958; 29,977; 29,991-3; 29,996-9; 30,124.

Training of: 30,130.

Wages of: 29,822; 30,283.

Associations and:

Of employed: 29,958; 29,077; 30,130-4; 30,226; 30,320-3.

Of employers: 29,977; 30,124.

Dispute re, 29,961-3.

GLASS BOTTLES.

Apprenticeship—continued.

Piece work, payment by : 29,821-2.
System of : 29,822 ; 29,965-6 ; 29,994-5 ; 30,130-2.

Arbitration and Conciliation :

Award, failure to carry out : 29,861-2 ; 29,924-7 ; 30,114-6.
Joint committee : 29,790-3 ; 29,858-61 ; 30,262 ; 30,293.
Not resorted to : 29,794-9.
Umpire deprecated : 30,108-11.

Associations :*Of Employed :*

Glass bottle makers of Yorkshire United Trade Protection Society : 29,756.

Of Employers :

Yorkshire Glass Bottle Manufacturers' Association : 29,927 ; 29,961-2 ; 29,979 ; 30,081-2 ; 30,112-4 ; 30,124 ; 30,207 ; 30,253-6 ; 30,303-4 ; 30,347-50.

Boy Labour :

Boys :

Age of : 29,888 ; 29,894-6 ; 29,989 ; 30,140 ; 30,178-9.
Number of : 29,769 ; 29,988-91 ; 29,999-30,002 ; 30,139.
Proportion of, to men : 29,768 ; 29,989-91 ; 29,999-30,001.
School standard passed by : 30,140-9.
Wages of : 29,889-97 ; 30,149-50 ; 30,155 ; 30,165 ; 30,188 ; 30,283.
Difficulty *re* : 30,008-21.
Grievance of workmen *re* : 29,983-4.
Laborious character of : 29,885-7 ; 29,898-904 ; 29,983-6.
Nature of : 29,839 ; 29,887 ; 29,904 ; 29,986 ; 30,140 ; 30,149 ; 30,310-1.
Piece-work, payment by : 29,820.

Capital :

Interest on, proposed : 30,188 ; 30,266.
Method of raising, proposed : 30,190 ; 30,199.

Competition :

Foreign, in trade : 30,027 ; 30,090 ; 30,095 ; 30,223 ; 30,238 ; 30,329 ; 30,334 ; 30,341 ; 30,376.
Home, in trade : 30,348-50.

Conference :

Glass Bottle Manufacturers', Leeds, 1891 : 30,302-4.

Congress :

International Congress of Glass Bottle Makers, London, 1886 : 30,315-6.

Co-operation :

Failure of, reasons for : 30,376 ; 30,378.
Manufacturing Society : 30,376-8.

Eight Hours' Day :

Three-shift system

Abandoned : 30,067.
Advocated : 30,158-62 ; 30,164-5 ; 30,176 ; 30,221-2.
Attempts to establish : 30,057-8 ; 30,168 ; 30,360 ; 30,364.
Deprecated : 30,052-61 ; 30,166-8 ; 30,369.
Effect of, presumed : 30,054-7 ; 30,159-62 ; 30,165 ; 30,177 ; 30,222 ; 30,232-40 ; 30,331-4.
In operation : 30,067.
Strike *re* : 30,220 ; 30,359-64.

Employed :

Apprentices, proportion of, to men (see *Apprenticeship*).
Blowers, Bottle Finishers, and Gatherers : 29,810.
Boys, proportion of, to men (see *Boy Labour*).
Demand for, and supply of : 29,964-70 ; 29,980-1 ; 30,013-20 ; 30,118-23 ; 30,309.
Dismissal of, 29,946-8.
Displacement of, by apprentices : 29,974-6 ; 30,018 ; 30,118.
Employers, relations of, with :
Satisfactory : 29,923 ; 30,170-2 ; 30,292-3.
Unsatisfactory : 29,924-7.
Health of, 30,222.
Houses built by : 30,190 ; 30,288.
New methods of production adopted by : 30,046-51 ; 30,334-6.
Number of : 29,761-8 ; 29,885 ; 29,953 ; 29,989 ; 30,069 ; 30,153.
Increased : 29,836 ; 29,843-4.
Savings, investment of, by : 30,190 ; 30,286-8.
Witness, experience of : 29,758.

Employers :

Apprentices, employment of, by : 29,958 ; 29,961-3 ; 30,124 ; 30,213-5 ; 30,226 ; 30,309-10 ; 30,351-5.
Associated : 30,081-2 ; 30,112-3.
Employed, relations of, with (see *Employed*).
Firms of : 30,069-70 ; 30,075.
Losses of : 30,360.
Non-associated : 30,208 ; 30,211 ; 30,347-50.
Sanitation, and (see *Sanitation*).
Trades Unionism, satisfactory relations with : 30,262.
Wages, action of *re* (see *Wages*).
Witness, experience of : 30,069-81 ; 30,207.

Employment :

Bad metal, supply of : 29,813 ; 29,818 ; 29,823-6 ; 20,831 ; 30,203.
Conditions of :
Foreign works, in : 29,908-10 ; 30,022 ; 30,028 ; 30,100-1.
Glass-bottle works, in : 29,883-7 ; 29,904 ; 29,928-39 ; 29,983-5 ; 30,101-2 ; 30,149 ; 30,203 ; 30,222 ; 30,241-50 ; 30,325-6.
Irregular : 29,811-3 ; 29,830 ; 30,004-7 ; 30,223-4.
Regular : 29,811 ; 30,136-8 ; 30,169-70 ; 30,229-31 ; 30,294 ; 30,308.
Unhealthy : 29,834-5 ; 29,868.
Nature of, 30,040-4.
Piece-work : 29,819-21 ; 30,318.
Shifts :
Double : 30,060-7 ; 30,156-7 ; 30,218 ; 30,318.
Single : 30,067.
Treble : 30,067-8.
Advocated : 30,158-62 ; 30,164-5 ; 30,176 ; 30,221-2.
Deprecated : 30,052-60 ; 30,166-8 ; 30,369.
Siemen's furnaces : 29,868 ; 29,935-9 ; 30,091-4 ; 30,149 ; 30,245.
Tools, imperfect supply of, 29,823 ; 29,827.

Foreign Labour :

Associations and : 30,312.
Employment of : 30,048-51.

Friendly Societies and Relief Funds :

Relief Funds, Trades' Unions, of :

Benevolent fund : 29,769.
Emigration fund : 29,769.
Funeral fund : 29,769.
Out-of-work fund : 29,769 ; 29,774-5 ; 29,779 ; 29,944-6 ; 29,950.

Friendly Societies and Relief Funds—continued.

Subscriptions to: 29,781-3; 29,943-4.
Superannuation fund: 29,769.
Sick club: 29,770.

Inspection:

Increased, advocated: 29,875-9.
Inspectors, no complaints made to: 29,866; 29,874.

Joint Committees (see *Arbitration and Conciliation*).**Labour, Hours of:**

Average: 29,832; 30,057; 30,127-9; 30,155; 30,165;
30,217; 30,232.
Foreign countries, in: 30,029-34; 30,318.
Days per week worked: 30,032; 30,128; 30,157.
Meal-times: 30,057; 30,222.
Night-work: 30,062-6.
Deprecated: 30,059.
Sunday work: 30,318.

Machinery:

Introduction of: 29,837-9.
None used: 29,840.
Unsuccessful: 29,841-2.

Output (see *Production*).**Production:**

Cost of: 30,097-9; 30,348-50.
Eight hours' day, presumed effect of, on: 30,165;
30,177; 30,235-9; 30,331-4.
Nature of: 15,513; 29,971-3; 30,024-6; 30,090;
30,238.
Output: 29,831; 29,847; 29,887; 29,940-1; 30,058;
30,153; 30,318; 30,366.
Eight hours' day, presumed effect of, on: 30,161;
30,165.
Restriction of: 29,961-2.
Rate of: 29,912-4.
Tariff: 30,360-3.
McKinley, effect of on trade: 30,223.
Trade:
Decreasing: 30,334; 30,360.
Depression in: 30,223-4; 30,327-8.
Development of: 29,836; 30,020; 30,090-4.
Removal of: 30,330.
Stationary: 30,175; 30,334.

Profit-Sharing:

Industrial partnership, proposed system of: 30,181-
205; 30,263-73; 30,280-91; 30,376.
Capital of:
Interest on: 30,188; 30,266.
Method of raising: 30,190-3; 30,199.
Effects of, presumed: 30,190; 30,203-5.
Profits of, division of: 30,188; 30,267-70.
Shareholders in, workmen as: 30,190; 30,193-9;
30,268-70; 30,283; 30,289.
Wages, payment of in: 30,187-8; 30,264-5.
System of:
Deprecated: 30,337.
Existing: 30,200-3.
Objections to: 30,273-9; 30,379-81.

Remedies:

Acts of Parliament:
Factory and Workshop Acts, amendment of, advoc-
ated: 30,178-80.
Apprenticeship:
Restriction of, deprecated: 30,310.
State interference with, deprecated: 29,978.
Employed and employers, organisation of, depre-
cated: 30,083-5.
E 78180.

Remedies—continued.

Inspection, increased, advocated: 29,875-8.
Profit-sharing, industrial partnership advocated:
30,181-205; 30,263-70; 30,280; 30,337; 30,376.
Sanitation:
Improved system of, in glass houses, advocated:
30,038-9.
Ventilation, improved system of, advocated, 29,874.
Wages, full payment of, to workmen whilst under
contract, advocated: 29,828-9.

Sanitation:

Associations and: 29,866-7; 29,874.
Employers and: 29,867; 29,880; 30,102.
Improved: 29,880-1.
Satisfactory: 29,906-10.
Unsatisfactory: 29,863-4; 29,868-72; 29,905.
Ventilation:
Satisfactory: 29,910; 29,986; 30,022; 30,101-2;
30,245-50.
Unsatisfactory: 29,873; 29,928-39.

Shifts (see *Employment*).**State Interference (see *Remedies*).****Strikes, Lock-outs, and Disputes:**

Associations and: 30,088; 30,173.
Cause of: 29,788; 29,961-3; 30,086-7; 30,090;
30,340-1; 30,359-60; 30,371.
Cost of: 29,788; 29,961-2.
Duration of: 30,107; 30,373.
Important local:
1876: 29,961-2.
1886-7: 29,788-9; 30,090; 30,103-7.
1887: 30,359-64.
Minor local: 30,173; 30,357-8; 30,371-6.
Number of: 29,854; 30,356.
Prevention of: 30,082.
Result of: 29,789; 30,105; 30,364; 30,375-6.
Settlement of: 29,790-9.
Strike pay: 29,769; 29,776-7; 29,785-8; 29,960-2.

Trade Unionism:

Apprenticeship, and (see *Apprenticeship*).
Benefits of (see *Friendly Societies*).
Financial position of: 29,772-80; 29,784-5; 29,951-2.
Employers, satisfactory relations with: 30,262.
Foreign labour, and (see *Foreign Labour*).
Objects of: 30,334-5.
Sanitation, and (see *Sanitation*).
Strikes, and (see *Strikes*).
Unionists, number of: 29,942; 29,953-4; 30,258-61.
Witness, connection of, with: 29,756-9; 30,080;
30,320.

Unemployed:

Absorption of, proposed means for: 30,160; 30,165;
30,177; 30,238-9.
Number of: 29,949; 30,003; 30,296-301; 30,324-6.
Payment of: 29,769; 29,774-5; 29,779; 29,950;
29,952.

Wages:

Advance in: 29,802-6.
Apprentices, of: 29,822; 30,283.
Association of employers, and: 30,256-7.
Average: 29,800-2; 30,210; 30,219; 30,295; 30,305-7;
30,319; 30,370.
Blowers, of: 29,808; 29,847; 30,127; 30,155;
30,165; 30,188.
Bottle finishers, of: 29,807; 29,847; 30,125-7;
30,155; 30,165; 30,188.

GLASS BOTTLES. Wages—continued.

Gatherers, of: 29,809; 29,847; 30,127; 30,155; 30,165; 30,188.
 Packers, of: 30,318.
 Takers-in, of: 30,318.
 Bad metal, no allowance for: 29,824-5; 29,831; 30,203.
 Boys, of: 29,887-97; 30,149-50; 30,155; 30,165; 30,188; 30,283.
 Day's pay, guarantee of: 30,163-4; 30,187.
 Districts, in different: 30,154; 30,163; 30,203.
 Employers, action of, *re*: 29,788; 29,803-6; 29,862; 29,924-7; 30,371.
 Fluctuations in: 29,847-57.
 Foreign countries, in: 29,915-22; 30,035; 30,099; 30,317-9.
 Higher, formerly: 29,845-6.

Wages—continued.

Irregularity in: 29,812-8; 29,830; 30,203; 30,241-2.
 Minimum: 30,188.
 Negotiation, fixed by: 29,806; 29,856.
 "Overwork": 29,847; 29,887.
 Payment of:
 Per day: 30,188.
 Per hour: 29,801; 29,809.
 Piece-work: 30,318.
 Reduction in: 30,105.
 Strikes and disputes *re*: 29,788; 29,854; 30,103-7; 30,371.
 Weekly payment of: 29,833.

Women's Labour:

Warehouses, in: 29,955; 30,040-5.

HOSIERY.**HOSIERY.****Witnesses:**

Employed: Bousser, Arthur Howard (13,314-619); Bower, Samuel (12,930-13,185); Holmes, James (12,666-929); O'Reilly, Charles (16,235-519); Oscroft, Samuel (13,314-619); Simmons, John (16,235-519).
Employers: Tabberer, Osmond (13,727-902); Tyler, William (13,620-726); Wates, Benjamin Cunningham (12,522-665).

Districts and places referred to:

America: 13,095; 13,561.
 Arnold (*Yorkshire*): 13,317; 13,487.
 Ashby-de-la-Zouch (*Leicestershire*): 13,736; 13,867.
 Ashton-under-Lyne (*Lancashire*): 13,064-5.
 Balbriggan (*Dublin*): 16,258.
 Barrow (*Leicestershire*): 13,140.
 Belgium: 13,122.
 Belper (*Derbyshire*): 13,573.
 Coventry (*Warwickshire*): 13,746; 13,767.
 Daybrook: 13,147.
 Derby: 12,684.
 Derbyshire: 13,053; 13,150; 13,325.
 Dublin: 16,258-60.
 Dumfries (*Scotland*): 13,325.
 Earl Shilton (*Leicestershire*): 12,789.
 Edinburgh: 13,391.
 England: 13,101; 13,122; 13,325.
 Europe: 13,092.
 Fleckney (*Leicestershire*): 12,880; 12,840-1.
 Foleshill (*Warwickshire*): 13,746; 13,766; 13,771; 13,789; 13,794-6; 13,800; 13,838; 13,867-8.
 France: 13,122.
 Germany: 13,122; 13,783.
 Godling (*Nottinghamshire*): 12,992.
 Hawick (*Roxburgh*): 13,393; 13,447.
 Hinckley (*Warwickshire*): 12,690; 12,789; 12,795; 12,797-9; 12,804-5.
 Ilkeston (*Derby*): 13,004; 13,147.
 India: 13,561.
 Lancashire: 13,065.
 Leicester: 12,684; 12,689; 12,693; 12,697; 12,705-6; 12,747; 12,797; 12,835; 13,586; 13,620-2; 13,659; 13,664; 13,680; 13,684; 13,697; 13,713; 13,720-4; 13,727; 13,741; 13,750; 13,758; 13,765; 13,768; 13,776-8; 13,786; 13,789-90; 13,801; 13,813; 13,838; 13,850; 13,866-71; 13,891; 13,897.
 Leicestershire: 13,325; 13,394; 13,586.
 London: 12,800.
 Manchester (*Lancashire*): 13,784.

Districts and places referred to—continued.

Mansfield (*Nottinghamshire*): 13,004; 13,147.
 Nottingham: 12,684; 12,689; 12,803-4; 12,930; 12,950; 12,959; 12,966; 12,991; 13,013; 13,053; 13,063; 13,126; 13,142; 13,150; 13,419.
 Nottinghamshire: 13,325; 13,394; 13,586.
 Nuneaton (*Warwickshire*): 12,800-1; 13,867-8.
 Oadby (*Leicestershire*): 12,726.
 Roxburgh (*Scotland*): 13,325.
 Ruddington (*Nottinghamshire*): 13,335.
 Scotland: 13,325; 13,393; 13,448; 13,468; 13,576.
 Sheffield (*Yorkshire*): 13,536-9.
 Sutton-in-Ashfield (*Nottinghamshire*): 13,004; 13,487.
 Warwickshire: 13,747; 13,851.

Acts of Parliament:

Factory and Workshop Act: 12,908; 12,910; 12,996-7; 13,110-1; 13,874-6.
 Hosiery Act: 12,749-50; 12,758-9.
 Breach of: 12,749-67; 12,836.
 Merchandise Marks Act: 13,491-3.
 Sale of Food and Drugs Act: 13,532.
 Wages Act: 12,836.

Arbitration and Conciliation:

Board of:
 Hosiery trade, in: 12,655-8; 12,663-5; 12,715-22; 12,744-5; 13,030-7; 13,149; 13,172-8; 13,609-19.
 Statement of prices maintained by: 12,960-3; 13,173; 13,346-9; 13,616-7.
 Leicester, Board of: 13,664-7; 13,696-7.

Associations:

Of Employed:
 Handframework Knitters Federation: 12,669-70; 13,314-27; 13,557-9; 13,576-7.
 Midland Counties' Hosiery Federation: 12,666-8; 12,683-6; 12,690-1; 12,762; 12,768-70; 12,787-96; 12,802; 12,835-40; 12,852; 12,859; 12,863-6; 12,874; 12,892; 12,900-7; 12,931-6; 12,941-2; 12,975; 12,979-80; 13,053-4.

Of Employers:

None: 13,882-4.

Competition:

Amongst workers: 12,639-40; 12,806; 12,814; 12,819; 12,826.
 Foreign: 13,783-5.
 Government contracts, result of: 12,814-21; 13,126-42; 13,578.

Co-operation :

Handframe knitters productive, proposed : 16,606-9.

Councils :

Dublin United Trades : 16,235-9 ; 16,246 ; 16,265.

Double Shift System (see under *Employment*).**Eight Hours' Day :**

Action taken by unions *re* : 13,145-6.

Compulsory, on masters : 13,164-8.

Continental desire for : 12,912-7.

Double-shift system under : 12,891 ; 13,051.

International, advocated : 12,871.

Legal enactment of, advocated : 13,038-41 ; 13,143 ; 13,154-6 ; 13,160-2.

Legal restriction of hours with trade option : 12,773 ; 12,787 ; 13,164-7.

Proposed remedies for evasion of : 12,908-11.

Reasons for adoption of : 13,040-1 ; 13,049-50 ; 13,085-8 ; 13,103-17.

Against : 13,698-706 ; 13,782-5.

Supposed effect of :

Production and labour, on : 12,871-2 ; 13,082-4 ; 13,103-5 ; 13,699.

Wages, on : 13,154-5 ; 13,162.

Employed :

Classes of :

Handframe work knitters : 12-640 ; 12-669-71 ; 13,624-32 ; 13,645-6 ; 13,735-8.

Hand-loom weavers : 12,639 ; 13,448.

Machinists : 12,945-6 ; 12,958.

Managers : 13,806-35 ; 13-850 ; 13,859.

Menders : 13,451-5 ; 13,649-53.

Overlookers : 13,784 ; 13,803 ; 13,810.

Experience of : 12,729-36.

Improved machinery, effect of, on : 12,637-40 ; 12,737-43 ; 12,821 ; 12,834-5 ; 13,018-28 ; 13,383-4 ; 13,668-9 ; 13,765 ; 13,779-81.

Number of : 12,683-5 ; 12,865 ; 13,327-32 ; 13,337-40 ; 13,622 ; 13,740-2 ; 13,865-8.

Pension scheme for : 12,834.

Piece-work preferred to time-work by : 13,549-50.

Proportion of men and women : 12,686 ; 13,742-4 ; 13,900.

Relations with employers : 12,747-8.

Standard of living of : 13,023-5 ; 13,723-4.

Suggestions of, *re* :

Government work : 13,578-92.

Hand-made goods : 13,495-516 ; 13,542-6 ; 13,560.

Work preferred to pensions by : 12,834.

Employers :

Attitude towards representatives of trades unions : 12,795-6 ; 13,765 ; 13,789-805 ; 13,819 ; 13,836-61 ; 13,898-902.

Dismissal of union men by : 12,851-62.

Firms of : 13,594-5 ; 13,620-1 ; 13,727-8 ; 13,746-50.

Government contracts :

Unprofitable to : 13,126 ; 13,578.

Withdrawal from, by : 13,126-8 ; 13,139-42 ; 13,578.

Middlemen : 12,946-8 ; 13,452-4 ; 13,552 ; 13,603.

Abolition of, desired : 12,964 ; 13,579 ; 13,593-7.

Objection to : 12,964-74 ; 13,553-9 ; 13,579 ; 13,603.

Non-unionism, a condition of employment by : 12,789-95 ; 12,851 ; 13,675-9 ; 13,843 ; 13,892-902.

Prosecution of, for fraudulent misrepresentation : 13,488-94 ; 13,508-16 ; 13,531-2 ; 13,534-9.

Relations with employed ; 13,765 ; 13,885-90.

Employment :

Decrease in : 13,330-6 ; 16,260-1.

Domestic industry : 13,341-3 ; 13,551 ; 13,624-32 ; 13,867-9.

Double-shift system of : 13,005 ; 13,689-93 ; 13,712.

Hand-loom system of revival of : 13,365-6 ; 13,539-40.

Increase in : 13,678.

Insufficiency of : 13,048 ; 13,152 ; 13,169-71 ; 13,178-85.

Piece-work : 13,683-4.

Regular : 13,680-1 ; 13,752 ; 16,258-9.

Irregular : 12,703 ; 13,349 ; 13,708-10.

Steam-power factories : 13,654-8.

Sweating shops : 12,946-8

Work done in factories : 12,680-2 ; 13,006 ; 13,633 ; 13,866.

Fines (see under *Wages*).**Half-time System :**

Half-timers not employed : 13,016-7 ; 13,638-9 ; 13,742-3.

Inspection :

Inspectors :

Convictions by : 12,853 ; 13,720.

None : 13,061 ; 13,069-71.

Efficiency of : 13,722 ; 13,764.

Inefficiency of : 12,989-13,003 ; 13,057-60 ; 13,070-3.

Hoodwinking of : 12,830-1.

Insufficient number of : 12,831 ; 12,833.

Mode of administration : 13,068.

Names of : 12,998-13,000 ; 13,062-7 ; 13,721-2.

Occasions when seen by employed : 12,831.

Overtime and : 12,995-13,003 ; 13,055-9 ; 13,071.

Residence of : 12,991-3.

Visits of : 13,713-9.

Women as, advocated : 12,833.

Labour :

Holidays : 13,760.

Hours worked : 12,981-8 ; 13,074-5 ; 13,635-7 ; 13,753-4 ; 13,757.

Twenty years ago : 13,870-6.

Starting and closing work : 13,758-9 ; 13,761-3.

Meal times : 13,754-6.

Night work, objection to : 12,773 ; 12,889-90 ; 13,004-5.

Overtime : 13,080 ; 13,640 ; 13,708-10.

Abolition of, advocated : 12,869-70.

Attitude of Unions *re* : 13,145-8 ; 13,711-2.

Intervention of inspector *re* : 12,989-90 ; 13,055-9 ; 13,071-2.

No extra pay for : 13,685-8.

Objection to : 12,773 ; 13,106-7.

Proportion of men working : 13,076-9.

Sum paid for : 13,689-90.

Machinery :

American : 13,771-6 ; 13,789.

Double shifts, injurious to : 13,690-2.

Handlooms : 12,672-6 ; 13,387-401 ; 13,624-30.

Number of : 13,330 ; 13,337-9 ; 13,448.

Relegated to scrap heap : 12,677 ; 13,046-7 ; 13,336 ; 13,402-3.

Improvements in steam power : 12,678 ; 12,728 ; 12,737-43 ; 13,026 ; 13,173 ; 13,624.

Cause of displacing labour : 12,834-5 ; 13,178-85 ; 13,332-5 ; 13,668.

Causing extinction of hand-frame work knitters : 12,637-41 ; 12,667-70 ; 13,045-7 ; 13,739.

HOSIERY.**Machinery—continued.**

Removal of, to other districts: 13,146-8; 13,765; 13,769; 13,786-90; 13,793-803; 13,832-8; 13,891.
Too much, cause of depression: 13,044; 13,124-5.
Value of: 12,882-4.

Overtime (see under *Labour*).

Production:

Balbriggan and fancy trade: 12,704-5; 13,404-10; 13,728-35; 16,258-61.

Compulsory stamp:

On hand-made goods, advocated: 13,410-4; 13,445-7; 13,487-534; 13,539-46; 13,559-61; 13,576.

Proposed Bill for: 13,533-4; 13,539.

Objections to: 13,419-24; 13,497; 13,561-75.

Distinction in hand and machine made goods; absence of outward: 12,826-9; 13,366; 13,414-8; 13,451-63; 13,488; 13,575.

Double shifts, lessening cost of: 13,692-3.

Effect of:

Improvement in machinery on: 13,021; 13,026-8; 13,369-84; 13,450; 13,464-70; 13,671-6; 13,677; 13,734-5; 13,739; 13,777-8.

Overtime on: 13,081.

Reduction of hours on: 12,871-2; 13,040-1; 13,049-52; 13,082-5; 13,103-19; 13,698-700; 13,783-5.

Exportation of hosiery: 13,089-102.

Fluctuation in cost of raw material: 13,700-6.

Government orders: 13,126-34; 13,351-61; 13,439-44; 13,577-92.

Hand-knitted goods: 13,541-8; 13,376-8.

Superiority of: 12,828-9; 13,351-5; 13,366-8; 13,385-7; 13,414; 13,449.

Hostile tariffs protective of foreign: 12,918-26; 13,090-102.

Mixture of hand-work and steam-power in: 12,826; 13,425-38; 13,522-9; 13,575.

Trade depression in: 12,822-6; 13,041-7; 13,120-5; 13,169-71.

Profit-sharing: 12,879-81; 13,682-4.

Satisfactory working of: 12,882.

Shares and shareholders of: 12,885-8; 12,896-9.

Value of machinery: 12,882-3.

Remedies advocated:**Board of Arbitration:**

Establishment of: 13,178; 13,185.

Compulsory stamp on hand-made goods: 13,410; 13,531; 13,560.

Boy labour:

Restriction of: 13,178-84.

Eight hours' day (see *subject-heading*).

Middlemen:

Abolition of: 13,578-92.

State employment: 12,834.

Sanitation:**Excellent:**

In Leicester: 13,659.

In mills: 12,867-8; 13,660; 13,764.

Inspection of: 13,764.

Regulations *re*: 13,660-3.

Strikes and Lock-outs:**General strikes:****Causes of:**

Against general reduction: 12,714.

Trades unionism: 12,795.

Results of: 12,712-3; 12,796.

Strikes and Lock-outs—continued.

Local strikes: 12,706-9; 13,029; 13,150-3.

Causes of:

Against boy labour: 12,710-1.

List of prices: 13,664.

Removal of machinery: 13,765.

Victimisation of trades unionists: 12,789.

For reduction in wages: 12,722-7.

Results of: 12,712; 12,726-8; 13,664; 13,694-5; 13,765-6.

Lock-outs:

For joining Trades' Unions: 12,789; 12,830; 12,840; 12,852-62.

Trade Unionism: 13,577.

A cause of strikes: 12,795-6.

Attitude of:

As Eight hours' day: 12,787; 12,870-2; 12,904-29; 13,038-53; 13,074-85; 13,143-8; 13,154-6; 13,160-8.

Government contracts: 13,598-605.

Home work: 12,874-6.

Overtime: 13,145-8; 13,711-2.

Removal of machinery to Foleshill: 13,765-9; 13,788-804; 13,836-8.

Cost of victimised members to: 12,851-2.

Difficulty in obtaining eight hours' day through: 12,787-9.

Employers, attitude of, towards: 12,851-62; 13,765; 13,789-861; 13,885-90; 13,901-2.

In Scotland: 13,576-7.

Membership of: 12,683-7; 12,900-4; 12,935-6.

Non-unionism, a condition of employment: 12,789-94; 13,765-6; 13,891-900.

"Self-employment scheme" of: 12,834-5; 12,892-5.

Victimised members of: 13,544-9.

Wages, effect on, by (see under *Wages*).

Women as members of: 13,053.

Wages:

Advance in, given voluntarily by employers: 13,879-81.

Average earnings: 12,950-5; 13,751; 16,240-2.

Hand-loom weavers, of: 13,478-83.

Overlookers, of: 13,014-5.

Rib-machinists, of: 12,700-2.

Steam-power frame workers, of: 12,688-97; 13,484-7; 13,643.

Cotton's patent: 12,697-700; 12,740.

Twenty years ago: 13,877-8.

Deductions and fines:

"Bate": 13,603.

"Frame rent," or voluntary: 12,749-67; 12,836-51.

Increase in: 13,873-81.

Objected to: 12,751-72.

Effect of hostile tariffs on: 13,090-3; 13,099-102.

Improved machinery on: 12,740-3; 13,471-87; 13,670.

Highest: 12,734-6.

Rate of:

Different in town and country: 12,797-805; 12,814-6.

Differences in, for stocking-making: 13,642.

Effort to obtain uniform: 13,664; 13,694-5.

Reduction in, through Government contracts: 12,814-26; 13,129-34; 13,577; 13,603.

Standard desired: 13,135-9; 13,154-61; 13,173-8.

Statement of prices: 12,807-8; 12,973; 13,173-4; 13,615-9.

Discontent with: 12,959; 12,974-80.

Revision of: 12,712-4.

Stipulations in Government contracts *re*: 12,637; 13,361-4; 13,598-605.

Not carried out: 13,362; 13,600; 13,603-5.

Wages—continued.

System of payment of: 12,943-4; 13,341-9; 13,484-6;
13,549-50; 13,685-90; 16,243-4.

Trade Unionism, effect of, upon wages: 12,801-2;
12,859; 12,973-80; 13,145-8; 13,156-60.

Women:

Average earnings of: 12,877-8; 13,648; 13,751;
13,862-4.

Girl workers, of: 13,648; 13,751.

Married women at less wages than unmarried:
12,808-12.

Variation in: 12,808.

Women's Labour:

Advantages of: 13,723-6.

Cheaper than men's: 12,854-60.

Women's Labour—continued.

Displacement of men by: 12,853-62; 13,011-5.

Modes of: 12,937-40; 13,591; 13,679.

"Lamb" machinists: 13,771-6; 13,789.

Linkers, stitchers, &c.: 12,886-7.

Women:

Home work discouraged for: 12,774-86; 12,874-7;
13,007-10, 13,869.

Immorality of, reasons for: 12,806; 12,877.

Members of Union: 12,868; 12,941-2; 13,053.

Number employed: 13,638.

Objection to employment of: 12,873-6

Married women, objection to employment of: 12,816.

ROBINBY.

JUTE AND ROPE MAKING.

JUTE AND ROPE.

Witnesses:

Employed: Hicks, Annie (8176-8397), (12,495-12,521);
James, Clara (8650-8673); Reid, James (88,185-
11,246); Roy, Thomas (11,247-11,367).

Employers: Ritchie, James Thomson (12,454-12,494);
Walker, J. Harry (10,723-10,994).

Independent: Williamson, Rev. Henry (10,995-
11,184).

Districts and places referred to:

Aberdeen: 11,027; 11,030; 11,181.

Aberdeenshire: 11,356.

Africa: 10,914; 10,917-8.

America: 10,901; 10,912.

Arbroath (*Forfarshire*): 11,007; 11,124; 11,253;
11,259; 11,320.

Australia: 10,914.

Barking (*Essex*): 8388; 12,490-2.

Barrow-in-Furness (*Lancashire*): 11,007; 11,064-6;
11,103-9; 11,166.

Blairgowrie (*Perthshire*): 11,007.

Brechin (*Forfarshire*): 11,124; 11,259; 11,320.

Brighton (*Sussex*): 8313.

Broughty-Ferry (*Forfarshire*): 10,840; 10,979.

Calcutta (*India*): 11,333; 12,493-4.

California (*United States*): 11,333.

China: 10,905.

Dundee (*Forfarshire*): 8387; 10,723-6; 10,735-64;
10,770-85; 10,830; 10,839-44; 10,857-84; 10,895;
10,914; 10,931-7; 10,955-81; 10,986; 10,995;
11,012-4; 11,030; 11,064-8; 11,119-25; 11,150-2;
11,166-71; 11,177-9; 11,185; 11,217; 11,231;
11,264-6; 11,272-4; 11,291-306; 11,338.

Dunfermline (*Fife*): 11,158-63; 11,176.

Edinburgh (*Midlothian*): 10,991.

Egypt: 10,914.

England: 8182-3; 10,760; 10,776; 10,892; 10,906-8;
10,991.

Forfar: 11,122-4; 11,247; 11,253-9; 11,264-81;
11,291-300; 11,323-38.

Forfarshire: 11,356.

Germany: 10,914; 12,493-4.

Glasgow (*N.B.*): 10,880.

Great Britain: 10,724-5; 10,901; 10,912.

Greenwich (*Kent*): 8248.

Hull (*Yorkshire*): 8387.

Ilford (*Essex*): 8340; 12,515-6.

India: 10,728; 10,901-29; 10,941; 11,333.

Kirkcaldy (*Fife*): 11,124; 11,259.

Kirriemuir (*Forfarshire*): 11,259.

Districts and places referred to—continued.

London: 8183; 8197; 8206; 8210; 8213; 8227; 8250-1;
8253; 8260-1; 8313; 8327; 8348; 8372-4; 8383;
10,769-83; 10,958.

Mediterranean: 10,914.

Millwall (*London*): 8245.

Montrose (*Forfarshire*): 11,007; 11,124.

Newcastle (*Northumberland*): 8387.

New Zealand: 8182.

Perth (*Perthshire*): 11,007; 11,066.

Ponder's End (*Essex*): 12,490-2.

San Francisco (*United States*): 10,914.

Scotland: 10,750; 10,810; 10,867; 10,884; 10,892;
11,313; 11,339.

Stratford (*Essex*): 8205; 8209; 8277; 8650; 12,455.

Sunderland (*Durham*): 8387.

United Kingdom: 10,724.

Yorkshire: 10,829; 10,965.

Accidents: 8205; 8259-60; 8348; 8379; 12,465-9;
12,500.

Causes of:

Fire: 8206-8.

Machines: 8348; 8379; 8673; 10,823-6; 10,966;
11,054.

Machines, to: 8205.

Number and particulars of: 8390; 8673; 10,820-6;
11,054.

Wages stopped on account of: 8348.

Working after: 8379-80; 8673.

Acts of Parliament:

Education Act (Scotland) 1883: 10,844; 10,863-70.

Employers' Liability Act, 1880: 8260; 8347-9;
8379-81; 11,055; 11,149.

Evasion of: 8348; 8351-2.

Inadequacy of: 8260; 8347.

Proposed amendments of: 8348-51.

Factory and Workshop Acts, 1878 to 1891: 8202;
8212; 8246; 8269-71; 8295; 8316; 8391; 10,810;
10,813; 10,844; 11,150-2; 11,191.

Evasion of: 8213-7; 8245-8; 8272; 8295-7;
11,223.

Limited Liability and Joint Stock Companies Acts:
10,905.

Allowances: 10,747-50.

Arbitration and Conciliation:

Arbitration: 10,942-3; 11,031-2; 11,095-7; 11,327;
11,365-6.

Conciliation: 10,896-7; 10,958; 10,975; 11,033-4;
11,068; 11,231-4; 11,275; 11,279; 11,364-6.

JUTE AND ROPE. Associations:*Of Employed:*

- Aberdeen Workwomen's Society, 11,343.
 Arbroath Mill and Factory Workers' Union: 11,343.
 Brechin Mill and Factory Workers' Union: 11,343.
 Dundee and District Mill and Factory Operatives' Union: 10,995; 10,999.
 East London Ropemakers' Union: 8176-81; 8183; 8283; 8652; 8661.
 East of Scotland Power-loom Tenters' Association: 11,186.
 Federal Union of Scottish Mill and Factory Workers: 11,253; 11,342-8.
 Forfar Factory Workers' Union: 11,122-4; 11,247; 11,252; 11,343.
 Kirkcaldy Mill and Factory Workers' Union: 11,343.
 Kirriemuir Mill and Factory Workers' Union: 11,343.
 Laundresses' Union: 8313.
 Scottish Bleachfield Workers' Union: 11,343.
 Women's Trade Union Association: 8183; 8309.
Of Employers: 10,735-6; 10,976.
 Committee of: 10,735-6; 10,976; 11,028; 11,089-90.

Capital:

8322-3; 8369; 10,726.

Child Labour and Half-Time System:

- 10,735; 10,747-50; 10,793-5; 10,844-87; 10,964-7; 11,061; 11,103; 11,150-1; 11,252-60; 11,255 (supplemental note); 11,316-25; 12,518.
 Abolition of, desired: 11,252-60; 11,317-23.
 Age of children: 10,844; 10,857; 11,150-1.
 Arguments in favour of: 10,844-9; 10,863.
 Attitude of unions towards: 11,318-22.
 Class of children employed in: 10,844-5; 10,861-3; 10,872; 10,884-5; 11,323.
 Compared with adult labour: 10,852-7.
 Education of children: 10,747-5; 10,857-60; 10,872-87; 11,253-7.
 Effect of, new Factory and Workshop Act on: 10,844-9; 10,863-72; 10,877-83.
 Effect of, on adults' wages: 11,253; 11,323.
 Home work of children: 8280.
 Number of children employed: 10,844; 10,857; 11,253-5.
 Punishment of children: 11,061-2.
 Wages of: 10,794; 11,103; 11,325.

Compensation:

- Accidents, for: 8260; 8348; 8380; 8673; 10,842-3; 11,054; 11,270.
 Co-operative system of: 10,842-3.
 Unwillingness of workers to claim: 11,055-6; 11,147-8.

Competition:

- Colonial: 10,728-9; 10,901-5; 10,912-20; 10,925-9; 12,493-4.
 Foreign: 10,901-5; 10,912-20; 11,175; 12,493-4.
 Home: 10,775-84.

Conferences:

10,740-2; 11,090-2; 11,327-30.

Councils:

- Chambers of Commerce: 10,723-4; 10,956-9.
 Labour Councils.
 Women's Trade Union League: 8311-2.
 Trade Councils: 8243; 8395-6; 11,120-1; 11,124-6; 11,185-6; 11,220; 11,231; 11,236-46.

Eight Hours' Day:

- Advocated: 8342.
 Deprecated: 10,929-41; 12,489-90.
 Legal enactment of, advocated: 11,237-9.

Employed:

- Classification of: 8178; 8188; 10,735; 10,747; 10,750; 10,756-64; 10,805-7; 11,061-2.
 Distribution of, in different localities: 10,724.
 Number of: 8179; 8210; 8290; 10,724; 10,733-5; 10,890; 11,001-4; 11,253; 11,255 (Supplemental note); 11,271; 11,281; 12,456-7; 12,486.
 Officials: 8235-41; 8289-93; 10,750; 10,798; 10,808; 10,833; 10,857; 10,949; 10,951; 10,983-4; 11,029; 11,060-3; 11,200-2; 12,486; 12,517-9.
 Conduct towards workers: 8236-41; 11,062-3; 11,067.
 Scarcity of: 11,207-8.

Employers:

- Annual return to Government by: 8316; 8324-5; 8391-3; 8395.
 Failure of mills: 8388; 11,107; 12,490.
 Intercourse with employed: 10,740-3.
 Presumed effect of reduced hours on: 10,929-39.
 Profits of: 8280; 8305-8; 8315-26; 8343; 8361-2; 8365-6.

Employment:

- Conditions of: 8300; 10,732-5; 10,805-8; 10,831; 10,892-4; 10,936; 10,951; 11,060; 11,153-6; 11,197-204; 11,267; 11,313; 11,325; 11,338.
 Hard: 8219-20; 8248; 8304-5; 8334; 8342; 8348; 8353-6; 11,067.
 Healthy: 11,059.
 Improved: 8390.
 Laborious: 8192-3; 8222-4; 11,178-9.
 Unhealthy: 8191; 8194; 11,268.
 Dearth of: 8327-8.
 Diseases caused by too hard work: 8224.
 Division of labour: 10,750; 10,752; 10,756-64; 10,805-7; 11,103; 11,187-90; 11,192-6; 11,208.
 Door locked while at work: 8205; 8207-8; 8287-93; 12,465-9; 12,500.
 "Driving" system alleged: 11,203-4.
 Factory rules: 11,067-8; 11,153.
 Home work: 8277-80; 8338-40; 8378; 11,326; 12,485; 12,513-5.
 Nature of: 8178-9; 8210; 8277; 8373-4; 10,724; 10,728; 10,732; 10,752; 10,756-64; 11,061; 11,192; 11,356.
 Notice of termination of engagement: 10,799.
 Piece-work: 8277-80; 8299-303; 8336-7; 8353-4; 10,746; 10,750; 10,765-74; 10,784; 10,786; 11,196; 12,481-3; 12,504; 12,510-3.
 "Public calendars": 10,763-4.
 Regularity of: 10,818-20; 11,276-7.
 Safety of: 10,820; 10,960-4.

Fines. See under Wages:**Friendly Societies and Relief Funds:**

- Accident benefit: 11,011; 11,131; 11,140.
 Deduction from wages for hospital: 8257-8.
 Dispute benefit: 8332-3; 11,011; 11,131; 11,138; 11,140.
 Distress benefit: 11,011; 11,131.
 Funeral benefit: 11,011; 11,137; 11,140.
 Hospital letters: 8257-8.
 Infirmary, subscription to: 10,798-9.
 Out of work benefit: 8329; 11,129.
 Payment of: 11,132-6.
 Sick benefit: 8255-6; 11,130; 11,139.
 Impossibility of: 8261.

Inspection :

Defective : 8203-4; 11,084; 11,218-22; 11,262.
 Good : 10,839-41.
 Inspectors : 8213; 8245; 8296; 8348; 8390; 10,830;
 10,836; 10,960-3; 10,979; 11,054; 11,083-8;
 11,224.
 Communication with : 8204; 8210; 11,087-8.
 Medical, advocated : 8218-9.
 Prosecutions by : 10,981-94; 11,081-2.
 Women, advocated : 8210; 8249-50; 8265-7;
 8344-5; 11,170; 11,261.

Labour :

Holidays : 10,810-7.
 Mealtime : 8245-8; 8294; 8296; 10,793; 11,176;
 11,223-4.
 Overtime : 8212-7; 10,799-805; 11,209.
 Short time : 10,820.
 Standard hours of : 8295-7; 8342; 10,746; 10,793;
 10,818; 10,929; 11,176-7; 11,191; 12,476.
 Reduction of : 11,175.

Machinery : 10,763-4; 12,485; 12,514-5.

Cleaning of : 10,805-7.
 Compared with hand work : 10,771-3,
 Danger of : 8348-51; 11,054.
 Fencing of : 10,820; 10,964-5.
 In foreign countries : 10,910-2.
 Shuttleguards : 10,822; 10,827-30; 10,966-7.
 Working of : 10,807-9; 12,465.
 Ill effects of : 8228-4; 11,179.

Output (see under *Production*).

Overtime (see under *Labour*).

Pensions : 10,843.

Picketing and Intimidation : 8230-1; 8368.

Production :

Effect of season on : 10,784; 11,205-7.
 Export : 10,726-31; 10,764; 10,901-5; 10,914-5;
 10,925-9.
 Foreign production and markets : 10,901-29; 12,493-4.
 Home market : 10,729-31.
 Jute, of, instead of flax : 10,732.
 Presumed effect of reduced hours on : 10,929-36;
 12,489-90.
 Raw material :
 Consumed in process of : 10,724; 10,735; 10,901-3;
 10,912.
 Fluctuations in price and quality of : 11,358-9.
 Value of : 10,724.
 Tariffs : 10,903; 10,912-8; 10,929.
 Trade, state of : 8385; 10,726; 10,729; 10,763;
 10,784.
 Barking, in : 12,490.
 Barrow, in : 11,106-9.
 Dundee, in : 10,763-84; 11,296-7.
 Forfar, in : 11,292-7.
 Stratford, in : 12,490; 12,513.

Profit-sharing : 8363-4; 8369-71.

Refutations :

| | Statement. | Denial. |
|---|------------|-----------------------|
| Employed : | | |
| No male overlooker employed. | 8290. | 12,486; 12,517-21. |
| Production : | | |
| Jute easier to work in summer. | 10,784. | 11,205. |
| Trades Unionism : | | |
| Failure to join, through fear of dismissal. | 8181. | 12,461-4. |

Refutations—continued.

| | Statement. | Denial. |
|-------------------------------|---------------------|------------------------|
| Wages, rate of : | | |
| Decrease in, for sack making. | 8277-80. | 12,484-5. |
| Tenters' assistants, for. | 10,758. | 11,192. |
| Women's Labour : | | |
| Locking in women in factory. | 8205-8. 8287-91. | 12,465-9; 12,500-1. |

Relief Funds (see under *Friendly Societies*).

Remedies advocated :

Amalgamation and affiliation of trade unions : 8313-4;
 11,240.
 Arbitration and conciliation (see *subject-heading*).
 Disputes, settlement by unions and employers :
 11,234-5.
 Eight Hours' Day (see *subject-heading*).
 Employers' Liability Act, amendments of : 8348-51.
 Half-time system, abolition of : 11,252-60.
 Machinery, guarding of : 10,827-30.
 Profit-sharing : 8363-4; 8369-71.
 Return of balance sheet by employers to Government ;
 8316; 8324-5; 8391-5.
 Sliding-scale (see *subject-heading*).
 State interference advocated, re :
 Conditions of women's employment : 11,179.
 Reduction of hours : 8342.
 Regulation of wages : 8343.
 Restrictions on profit : 8280; 8315-26; 8343;
 8361-2; 8365-6.
 Wages :
 Regulation of, according to employers' returns :
 8394-5.
 Uniformity of : 11,351.
 Women Factory inspectors, appointment of, advoca-
 cated : 8210; 8249-50; 8265-7; 8344-5; 11,170;
 11,261.
 Sub-Commissioners : 8251-3; 8265; 8341;
 8358-60; 8374-7.

Sanitation :

Defective : 8209-10; 11,048-53; 11,169-70; 11,213-7;
 11,221; 11,268.
 Good : 10,830-8; 12,471-2.
 Heating : 10,836; 11,210-2.
 Lighting : 10,830; 10,836; 11,210.
 Unhealthy processes : 8191-6; 11,268.
 Ventilation : 10,837-9; 11,210; 11,268.

Sliding scales : 11,339; 11,341; 11,349-55; 11,360-3.

State Interference (see *Eight Hours' Day and Remedies*).

Strikes, Lock-outs, and Disputes :

Attitude of unions towards : 11,023; 11,327-31.
 Causes of :
 Bad material : 11,159; 11,162; 11,273.
 Short meal-time : 8245; 8294.
 Wages :
 For advance of : 8242; 10,896; 10,946-51;
 11,264; 11,274; 11,311.
 Low rate of : 8187; 8242.
 Reduction of : 8304; 10,895-6; 10,955; 11,012.
 Variation in different localities of : 11,264;
 11,272; 11,300; 11,304-6; 11,338.
 Cost of :
 Employed, to : 10,895-6.
 Employers, to : 10,895-6.
 Union, to : 11,332.
 Effect of organisation on, presumed : 10,977-8.
 Unions, on : 8248; 10,951-4; 11,027.

JUTE AND ROPE. Strikes, Lock-outs, and Disputes—continued.

Individual Strikes and Lock-outs :
Jute-workers : 8304.
 Aberdeen, 1891 : 11,027.
 Barrow : 1890 : 11,166.
 Dundee, 1875 : 10,895-6 ; 10,942.
 1885 : 10,896 ; 10,955 ; 11,012.
 1888 : 10,896 ; 10,944-50.
 1889 : 10,896 ; 10,951-5.
 1890 : 11,166.
 Dunfermline, 1890 : 11,158-64.
 Forfar, 1889 : 11,273-9 ; 11,300-3 ; 11,327-33 ; 11,336-7.
Individual Strikes :
Rope-makers :
 London, 1890 : 8242-3.
 Millwall, 1891 : 8245-8.
 Number of : 8186 ; 8283 ; 11,036.

Trade Unionism : 8176-9 ; 10,738-43 ; 10,897-900 ; 11,029 ; 11,122.
Advantages of : 8283 ; 8333 ; 11,024-6.
Attitude of employers towards : 8181 ; 8225-8 ; 8243 ; 8341 ; 10,972-4 ; 11,028-30 ; 11,069-70 ; 11,143-5 ; 11,229 ; 12,461-4 ; 12,497-8.
Half-timers, re : 11,151-2 ; 11,253-9 ; 11,317-22.
Hours and wages, re : 8242 ; 11,315 ; 11,355.
Strikes, re : 11,023 ; 11,327-31.
Contributions to : 8254 ; 11,010 ; 11,100.
Difficulty in organising women : 8283-6 ; 8397.
Discharge of unionists : 8225-7 ; 11,030 ; 11,181-3 ; 11,229.
Effect of, on conditions of employment : 8390 ; 11,013-29 ; 11,227-8 ; 11,289-91.
Strikes : 10,951-4.
Executive of : 8176 ; 8387 ; 10,995-9 ; 11,039-47 ; 11,098 ; 11,140.
Expenses of : 11,140-2.
Extent of : 11,007-8.
Funds of : 8381 ; 11,099-102 ; 11,279 ; 11,282.
History and work of : 8255 ; 8310-3 ; 8329-35 ; 8381 ; 11,011-2 ; 11,026 ; 11,124 ; 11,140 ; 11,343-8.
Membership of : 8179 ; 8335 ; 10,972 ; 10,999-1,007 ; 11,005-7 ; 11,057 ; 11,225 ; 11,253 ; 11,271 ; 11,281 ; 11,307.
Mutual relations of : 11,123.
Women in men's unions deprecated : 8660-1.

Unemployed : 8327-9.

Wages :

Advance of : 8243 ; 8281-3 ; 10,978 ; 11,014-25 ; 11,274-9 ; 11,286-9 ; 11,308 ; 12,473-5 ; 12,480-3 ; 12,503 ; 12,507 ; 12,520.
Desired : 11,315.
Average rate of : 10,750 ; 10,759-65 ; 10,852-5 ; 11,065-6 ; 11,103 ; 11,275 ; 11,334 ; 11,367.
Half-timers, of : 10,747 ; 10,750 ; 10,794 ; 11,103 ; 11,325 ; 11,367.
Men, of :
 Croppers : 10,764-74 ; 11,367.
 Dressers : 10,760 ; 11,196 ; 11,367.
 Spinners : 10,747.
 Tenters : 10,756 ; 11,192-4 ; 11,334 ; 11,367.
 Tenters' assistants : 10,759 ; 11,192 ; 11,367.
Women, of :
 "Bagging" : 12,504 ; 12,511-2.
 Calender workers : 10,764-74 ; 11,367.
 Canvas weavers : 8277.
 Finishers : 10,764 ; 11,367.

Wages—continued.

Average rate of :
Women, of :
 Forewomen : 8277.
 Overseers : 10,750.
 Rope-makers : 8188-90 ; 8242 ; 8261.
 Sack-stitchers : 8277-80 ; 8336-7.
 Weavers : 10,750 ; 10,754-5 ; 11,313-4 ; 11,324-5 ; 11,367.
 Spinners : 8275-7 ; 10,750 ; 12,475-8 ; 12,504 ; 12,511.
 Weavers : 10,750 ; 10,754-5 ; 11,313-4 ; 11,324-5 ; 11,367.
Comparison with rate formerly paid : 8275-9 ; 8305 ; 10,784-6 ; 11,014-22 ; 12,479-80 ; 12,503.
Deductions from :
 Accident, for : 8348.
 Hospital, for : 8257-8.
 Insurance, for : 10,842-3.
Differences of, in various establishments : 11,064.
Localities, in : 11,064-6 ; 11,103 ; 11,263-6 ; 11,272 ; 11,300-6 ; 11,338.
Difficulty in ascertaining : 8280 ; 8355-6.
Effect of :
 Half-time system on : 11,253.
 Limitation of profits on, presumed : 8321-6.
 New Factory and Workshop Act on : 10,844-9.
 Union on : 11,227-8.
Fines :
 For carelessness : 10,798.
 For unpunctuality : 10,790-9 ; 10,971.
 "Lying time" : 11,153-6.
 Total of in one year : 10,798.
Fluctuations in : 10,784 ; 11,205-8.
Low rate of : 8261 ; 8283.
 Cause ; 8197 ; 8394.
Mode of fixing : 8197 ; 8394 ; 10,736-9 ; 10,976 ; 11,264.
 "Bonus" system : 11,267.
 Payment : 10,746 ; 10,750 ; 10,765-8 ; 10,786-9 ; 11,156 ; 11,196 ; 11,267 ; 12,481.
Overtime, payment of : 10,803 ; 10,805.
Reduction of : 8274-9 ; 8298-304 ; 11,012-6 ; 12,503 ; 12,520-1.
Savings bank deposits and : 10,843.
Total amount paid in one year : 10,724-6.
Uniform, desired : 11,351-5.

Women's Labour :
Women :
 Accidents to : 8379-80.
 Age of : 8190 ; 8262 ; 8368 ; 10,892-4 ; 11,110-4 ; 11,179.
 Attempt to organise : 11,347-8.
 Compared with men's labour : 8286 ; 10,751-3.
 Competing with men : 11,180.
 Condition in old age or infirmity : 8263-4 ; 8367.
 Conduct of foremen to : 8237-41 ; 11,062-3 ; 11,067.
 Crèches or nurseries for children : 10,969-70 ; 11,171-4.
 Difficulty in dealing with : 11,097.
 Domestic relations, &c. : 8261 ; 8342 ; 10,892 ; 10,969-70.
 Effect of Union on : 11,227-8 ; 11,240-2.
 Employment, dearth of : 8197 ; 8327-8 ; 8394.
 Hours of : 8200-2 ; 8221 ; 8245-8 ; 8342.
 Married or single : 8198-9 ; 10,890-4 ; 11,057 ; 11,115-9.
 Number employed in : 8179 ; 8210 ; 8290 ; 12,457 ; 12,486 ; 10,889-92 ; 11,271 ; 11,307.
 Compared with men : 10,735 ; 10,750-1 ; 10,889 ; 10,999-1,004 ; 11,271.
 Overtime not allowed : 10,801 ; 10,804-5.

Women's Labour—continued.**Wages:**

Average (see *subject-heading*).
 Compared with men's: 11,180.
 Not advanced with men's: 11,275-911; 11,336-7.
 Reduction of: 8174.

Women's Labour—continued.

Women inspectors, appointment of, advocated: 8210;
 8249-50; 8265-7; 8344-5; 11,170; 11,261.
 Sub-commissioners, appointment of, advocated:
 8251-3; 8265; 8341; 8358-60; 8374-7.
 Duties of: 8346.

JUTE AND ROPE.

LATH-RENDERS AND MILL-SAWYERS.

LATH-RENDERS.

Witnesses:

Employed: Brooks, Robert William (23,333-437);
 Copsey, George (33,533-605); Jackson, William V.
 (23,293-332).

Districts and places referred to:

Aldershot (*Hants*): 23,392.
 Camberwell (*London*): 23,365-8.
 Hull (*Yorkshire*): 23,293-6; 23,322.
 London: 23,335; 23,345; 23,349; 23,356; 23,374;
 33,533; 33,537; 33,552.
 Manchester (*Lancashire*): 23,293; 23,323-5; 23,415-6.
 Merton (*Surrey*): 23,365-8.
 Newcastle (*Northumberland*): 23,293-7.
 Sweden: 23,379-82.

Accidents:**To mill sawyers, causes of:**

Boy labour: 33,544-5; 33,548-52; 33,565; 33,567;
 33,602; 33,605.
 Evasion of Factory Acts: 33,544; 33,558-9.
 Machinery: 33,546-8; 33,558; 33,561-4; 33,571;
 33,602.
 Various: 33,561; 33,565; 33,571-9; 33,588; 33,602
 -3.
 Compensation for: 33,558.
 Frequency of: 33,542; 33,566; 33,570; 33,578-9;
 33,598-601; 33,603-5.
 Inspection of: 33,558-61.
 Nature of: 33,544; 33,548; 33,566-7; 33,572-3;
 33,601-2.
 Prevention of: 33,580-4; 33,588.
 Unreported: 33,558-60; 33,585-7.

Acts of Parliament:

Factory and Workshop Act: 33,542-4; 33,558-9.
 Merchandise Marks Act: 23,320; 23,422-3; 23,425.

Apprenticeship: 23,340-3; 33,567.**Associations:**

Gas-workers and General Labourers' Union; London
 Lath-renders' branch of: 23,333-8; 23,344-5;
 23,429-32; 23,437.
 General Union of Mill Sawyers: 33,532-40; 33,566-7;
 33,585-7; 33,593-401.
 Manchester, Local: 23,293-7.

Boy Labour:

Accidents to: 33,545; 33,548; 33,551-2; 33,558-60;
 33,567; 33,605.
 Age of boys: 33,544.
 Dispute *re*: 33,597.
 Employment of: 33,044; 33,548-52; 33,565.
 Objections to: 33,567-9.
 Wages of: 33,567.

Eight Hours' Day: 23,437.**Employed:** 23,341.

Accidents to (see *subject-heading*).
 Distance from work of: 23,365-74.

Employed—continued.

Foreign laths, branding of, desired by: 23,320-1;
 23,422-5.

Tax on, desired by: 23,398-9; 23,428.

Grievances of, *re*:**Foreign laths:**

Fraudulent use of: 23,392-7; 23,408-12.

Importation of: 23,298-319; 23,326-7; 23,376-
 91; 23,392; 23,402-14; 23,433-6.

Oil, none supplied: 33,602.

Merchandise Marks Act, amendment of, desired by:
 23,310-1.

Number of: 23,322-5; 23,335; 33,535-8.

Decrease in: 23,374; 23,400-1.

Relations with employers: 23,352-3; 23,359-60;
 23,426-7.

Skill of lath-renders: 23,339-43.

Witness, position of: 23,329-32; 23,338a; 23,429-31;
 33,533-4; 33,539-41.

Employment:

Dangerous: 33,544-60; 33,565-93.

Irregular: 23,374.

Overcrowded workshops: 33,565.

Piece-work: 23,347-9; 23,354-5; 23,437.

Saw mills, conditions of: 33,537; 33,555-7.

Inspection:

Inefficiency of: 23,392; 33,558; 33,561-5.

Labour:

Hours of: 23,361-5.

Machinery:

Accidents through (see *subject-heading*).

Fencing of, advocated: 33,546-8; 35,561-4; 33,580-4;
 33,588.

Inadequate: 33,571.

Management of: 33,571; 33,602.

Saws and pulleys: 33,555-7; 33,588-92; 33,602.

Production:

Laths, of: 23,323-4; 23,349-51; 23,392; 23,415-20.

Foreign, inferiority of: 23,433-6.

Importation of, objected to: 23,298-319; 23,326
 -7; 23,376-91; 23,392; 23,402-4; 23,433-6.

Trade, depression in: 23,374-5.

Strikes: 23,328.

Lock-out, mill sawyers, 1891: 33,538; 33,593; 33,595-7.

None: 23,352.

Trade Unionism:

Membership of: 23,295-7; 23,334-6; 33,597-9.

Objects of: 23,437.

Wages:

Average: 23,346; 23,354.

Decrease in: 23,356-8.

Piece-work: 23,347-9; 23,354-5.

LINEN.

LINEN.

Witnesses:

Employed: Bean, Alexander (12,204-453); O'Reilly, Charles, Simmons, John (16,235-332); Taylor, Alexander (13,186-313).

Independent: Beckworth, William (15,495-510).

Districts and places referred to:

Arbroath (*Forfarshire*): 12,223.

Austria: 12,306.

Ayr (*N.B.*): 12,223.

Ayrshire: 12,225.

Belfast (*Antrim*): 13,192; 13,254; 13,266; 13,269; 13,273; 13,286; 13,288-9; 13,308; 16,253; 16,254; 16,331-2.

Belgium: 12,306; 15,509.

Brechin (*Forfarshire*): 12,204; 12,221; 12,223; 12,240; 12,249; 12,355; 12,365; 12,370; 12,377; 12,384.

Dublin (*Leinster*): 16,235; 16,236a; 16,237; 16,240; 16,245-48; 16,252; 16,255-6; 16,296; 16,299; 16,328; 16,332-3; 16,337-8; 16,343.

Dundee (*N.B.*): 12,219; 12,221; 12,285; 12,355.

England: 16,332.

Europe: 12,304.

Fifeshire: 12,404.

Forfar (*Forfarshire*): 12,222-3; 12,230; 12,233; 12,239; 12,357; 12,363; 12,377.

France: 12,306.

Germany: 12,306.

Harold's Cross (*Dublin*): 16,252-3; 16,338.

Holland: 16,330-1.

Ireland: 13,189; 15,509; 16,250.

Kirkcaldy (*Fifeshire*): 12,223; 12,226.

Kirriemuir (*Forfarshire*): 12,223.

Leeds (*Yorkshire*): 15,495-6; 15,507-8.

Manchester (*Lancashire*): 13,264-5; 13,273-4; 13,307.

Newcastle (*Northumberland*): 16,299.

Perth (*Perthshire*): 11,005-7.

Ulster: 13,192-4.

United Kingdom: 12,298-9.

Accidents:

Compensation for (see *Compensation*).

Number of: 12,283.

Prevention of: 12,284-5.

Acts of Parliament:

Conspiracy and Protection of Property Act, 1875: 12,388.

Employers' Liability Act, 1880: 12,386.

Factory and Workshop Acts: 16,341.

Apprenticeship: 13,226; 13,231-2; 13,234; 13,283-5.

Arbitration and Conciliation:

Arbitration: 13,266; 13,268.

Board of Conciliation: 12,258-62; 12,309; 15,496.

Court of Arbitration, desire for: 13,269; 13,294-7; 13,301-2.

Associations:

Of Employed:

Brechin Factory Workers' Union: 12,204-6; 12,210-7; 12,221; 12,253; 12,257; 12,313; 12,331; 12,355-62; 12,372-6; 12,386; 12,389; 12,392.

Dundee and District Mill and Factory Operatives' Union: 11,005-7; 12,219-21; 12,355.

Forfar Mill and Factory Workers' Union: 12,222; 12,233; 12,357.

Associations—continued.

Irish Linen Lappers' Trades Union: 13,186-7; 13,190; 13,192-7; 13,239; 13,244; 13,250; 13,252; 13,266; 13,280; 13,297; 13,299.

Scottish Mill and Factory Workers' Federal Union: 12,222-4; 12,357; 12,386.

Spinners', Weavers', Flaxdressers', Flaxroughers', and Yarndressers' Unions: 13,189; 13,191.

Of Employers:

Linen Merchants' Association: 13,242; 13,254; 13,266.

Joint: 12,253-62; 12,309.

Child Labour and Half-time System:

Age of full-timers: 12,422-9.

Age of half-timers: 12,288-9.

Age, raising of, advocated: 12,392; 12,393; 12,421.

Arguments against half-time system: 12,286-7; 12,290; 12,308-9; 12,324-6; 12,369-71; 12,419; 12,428.

Attitude of employers towards: 12,291.

Effect, morally and physically: 12,420.

Employment of children under age: 12,453.

Competition:

Foreign: 12,299; 12,306; 12,328; 15,509; 16,328-31.

Home: 12,327; 13,273-6; 15,509; 16,253.

Conferences: 12,368; 13,253-7.

Councils:

Chambers of Commerce:

Leeds Chamber of Commerce: 15,495.

Trades Councils:

Belfast Trades Council: 13,254.

Dublin United Trades Council: 16,235-7; 16,246.

Eight Hours' Day:

Advocated: 12,299; 12,301; 12,327; 12,328; 12,330-2; 12,335-41; 12,348-52; 12,401-18; 12,430-3.

Compulsory, with penalties: 12,395-8; 12,411-3.

Desire for: 12,292-7; 12,394; 13,228-30.

Legal enactment of, advocated: 12,294.

Employed:

Number of: 11,005-7; 12,209; 12,224; 12,313; 13,194-5; 15,510; 16,238.

Proportion of:

Male and female workers: 12,212.

Skilled and unskilled workers: 16,239.

Unionists and non-unionists: 12,210-1; 12,213-4; 12,390-1; 13,196.

Employers:

Attitude, *re*:

Accidents, compensation for: 12,384-5.

Arbitration: 13,266; 13,302.

Employment:

Nature of: 12,206-8; 12,311; 12,315-7; 13,198-201; 13,291-3; 15,507-10.

Piece-work: 13,203-4; 13,274-5.

Work in factories and mills: 12,290; 12,370; 12,404; 12,420; 12,424; 12,451-3; 13,207; 13,288; 16,251-2; 16,296; 16,328; 16,337-40.

Friendly Societies and Relief Funds:

Accident and Funeral Society: 12,217; 12,218.

Out-of-work benefit: 13,281.

Strike benefit: 12,217; 13,272; 13,281.

Inspection :

Improvement in, desired : 12,309.

Insufficient : 12,263 ; 16,342.

Inspectors :

Complaints to : 12,278-81 ; 12,379-82 ; 12,441-7.

Prosecutions by : 12,448-9.

Reports by : 12,263-8.

Women inspectors :

Advocated : 12,276-7 ; 12,446 ; 16,344.

Labour :**Hours :**

Compared with foreign countries : 12,300-2.

Effect of reduction of, on employment : 12,406 ;
12,415-8.

Effect of reduction of, on output : 12,404-8.

Reduced by strike and conference : 16,269-72.

Reduction desired : 12,309 ; 12,352 ; 16,298.

Standard : 12,401-3 ; 13,213 ; 13,229 ; 13,309-13 ;
16,262-3 ; 16,269-70 ; 16,339-40.

Uniform desired : 13,222.

Overtime :

Disliked : 13,214.

Occasional : 12,450.

Payment of : 13,214.

Unavoidable : 13,214 ; 13,219.

Seasonal trades : 13,216-8.

Machinery :

Fencing of : 12,282.

Not objected to : 13,306-8.

Overtime (see under Labour).**Out-put (see under Production).****Production : 12,341-51 ; 12,437.**

Cause of decline in : 16,328-32.

Output :

Effect of reduced hours on : 12,404-9.

Raw material consumed in process of : 10,724.

State of trade in Dublin : 16,255.

In Leeds : 15,507-10.

Relief Funds (see under Friendly Societies).**Sanitation :**

Defective : 12,263 ; 12,266-9.

Improved : 13,289.

State Interference (see Eight Hours' Day).**Strikes, Lock-outs, and Disputes :****Belfast, 1892 :**

Cause of : 13,222 ; 13,224-36.

Conduct and development of : 13,220 ; 13,237-49 ;
13,264-8 ; 13,294-300.

Number of men involved in : 13,221 ; 13,246-7.

Victimised member of : 13,239.

Forfar :

Cause of : 12,231 ; 12,233.

General result of : 12,232-6.

Local strikes : 12,372-4.

Trade Unionism :**Attitude of Trade Union towards :**

Conditions of employment : 12,331 ; 12,392-3.

Disputes : 12,229.

Employers : 12,376.

Employers' Liability Act : 12,386.

Attitude of :

Employers towards : 12,376.

Police towards : 13,299-300.

Benefits (see *Friendly Societies and Relief Funds*).

Contributions to : 12,216 ; 13,280.

Effect of :

On conditions of labour : 12,362 ; 16,252.

In settling disputes : 12,372-5.

Executive of : 12,228.

Funds of : 13,271.

History of : 12,219-23 ; 12,355-61 ; 13,208.

Membership of : 11,005-7 ; 12,210-3 ; 12,224 ;
12,389-91 ; 13,196.

Sphere of : 13,187-9.

Spread of : 15,548.

Unemployed : 12,416-8.**Wages :**

Advance in : 12,235 ; 12,363-6.

Advance in, refused : 13,254.

Average of :

Dressers : 12,245.

Lappers : 13,202.

Tenters : 12,245.

Effect of :

Eight hours' day on : 12,338-40 ; 12,409.

Half-time system on : 12,419.

Surplus labour on : 12,430-6.

Trade Unions on : 12,362.

Payment of :

Lappers : 13,203-6.

Reduction of : 12,342-5 ; 12,349.

State interference in, considered : 12,329.

Uniform rate demanded : 13,222 ; 13,227-36.

Variations in different

Localities : 12,377.

Works : 12,245-52 ; 13,202 ; 13,208 ; 13,224 ; 13,282 ;
13,285.**Women's Labour :**

Age of women : 12,242.

Classes of :

Mill-workers : 13,288 ; 16,338-40.

Weavers : 12,240-4 ; 12,310-5 ; 16,251-4.

Displacement of men by women : 13,264 ; 13,276-9 ;
13,298.

Fines inflicted on women : 16,252.

Not organised : 16,338-40.

Number of women employed compared with men :
12,212-5 ; 12,311-4.**Wages :**

Mill-workers, of : 13,288 ; 16,338-40.

Weavers, of : 12,240-4 ; 12,310 ; 16,251-4.

Variations in different localities : 12,377-8.

MAT-MAKING.

MATS AND MATTING.

Witness :

Employed: Adams, James (31,787-907).

Districts and places referred to :

America: 31,891-2.
 Belgium: 31,889.
 Booking (*Essex*): 31,813.
 Calcutta (*India*): 31,889.
 Camberwell (*London*): 31,798.
 Europe: 31,891.
 Essex: 31,813.
 Glemsford (*Suffolk*): 31,812.
 Hadleigh (*Suffolk*): 31,812.
 Haverhill (*Suffolk*): 31,813.
 India: 31,798; 31,889.
 Lancaster: 31,830.
 London: 31,789; 31,792; 31,819; 31,879.
 Malabar (*India*): 31,889.
 Manchester: 31,872; 31,877.
 Melford (*Suffolk*): 31,812.
 Sudbury (*Suffolk*): 31,812; 31,822.
 Suffolk: 31,802; 31,805; 31,812-4; 31,845; 31,893.
 Westmoreland: 31,841; 31,849-50.

Competition: 31,799.

Foreign countries, with: 31,889-90; 31,892.
 Prison-made goods, of: 29,472; 31,798-9.

Co-operation :

Co-operative Society: 31,874-89; 31,898-907.
 Capital of: 31,874; 31,876; 31,880; 31,888;
 31,898-9; 31,904-5.
 Founding of: 31,876; 31,885.
 Number employed in: 31,876-7.

Eight Hours' Day: 31,896.**Employed :****Grievances of :**

Re Prison-made goods, cheapness of: 29,470-2;
 31,798-9.

Number of: 31,795; 31,813; 31,851.

Relations with employers: 31,819-22; 31,829;
 31,836-7.

Suggestions of: 31,894-6.

Production: 31,797-9; 31,813.

Trade, depression in: 31,800; 31,814; 31,889; 31,891.

Strikes :**Causes of :**

Boy labour: 31,803.

Wages :

Difference in: 31,831-4.

Low rate of: 31,874.

Reduction in: 31,804-5; 31,815; 31,854.

Duration of: 31,818; 31,824; 31,838; 31,842; 31,860.

Local :

Lancaster: 31,830-48.

Manchester (1891-1892): 31,872-8.

Suffolk (1856): 31,803-4.

(1885): 31,805-12; 31,815-29.

Westmoreland: 31,849-71.

Result of: 31,819-21; 31,829; 31,839-42; 31,846;
 31,861-5.

Settlement of, by conference with employers: 31,819;
 31,822-3; 31,829.

Trade Unionism :

Membership of: 31,788; 31,792-4; 31,796.

Strike pay, allowed by: 31,825-7; 31,844-5; 31,848;
 31,870-1; 31,874; 31,879.

Witness, connexion of, with: 31,787; 31,790.

Wages :

Loss in, through strikes: 31,828.

Rate of: 31,806; 31,808-11.

PAPER MILLS.

PAPER MILLS.

Witness :

Ross, William: (32,579-670).

Districts and places referred to :

America: 32,669.
 England, Midlands of: 32,581; 32,595.
 North of: 32,581; 32,595; 32,597; 32,662.
 Great Britain: 32,584.
 Lancashire: 32,581; 32,595; 32,607.
 Manchester: 32,583; 32,627.
 Scotland: 32,581; 32,595; 32,597.

Accidents: 32,622-30.**Acts of Parliament :**

Factory and Workshop Act: 32,603-4.

Associations :

National Union of Paper Mill Workers: 32,579-87;
 32,679-30.

Employed :**Grievances of, re :**

Tonnage payment: 32,608-10.
 Relief men, lack of: 32,611-21.
 Ventilation of mills: 32,630-5.

Employed—continued.

Number of: 32,585-7.

Suggestions of: 32,647-57.

(See also under *Remedies*.)

Employment :

Conditions of: 32,588-93; 32,597-605; 32,622-30.

Inspection :

Machinery, of: 32,625-9.

Mills, of: 32,630-5.

Labour :

Hours of: 32,596-600; 32,605-8.

Meal times: 32,601-2.

Remedies :

Board of Trade, enlargement of scope of, advocated:
 32,658-60.

Government paper contracts to be given to British
 manufacturers direct, advocated: 32,661-2.

Paper mills to be subject to Factory Acts, advocated:
 32,658.

Tax on foreign imports, advocated: 32,663-70.

Remedies—continued.

Trade Union Secretary, legal powers to, to investigate dispute, advocated: 32,636-42.

Trade Unionism:

Membership of: 32,580-1; 32,585-7.
Objects of: 32,584.

Wages:

Rate of, average: 32,594-6.
No uniform: 32,593.
Settlement of: 32,593; 32,609-10.

Women's Labour:

Hours of: 32,605-7.

POTTERY, EARTHENWARE, AND BRICK-MAKING TRADES.**Witnesses:**

Employed: Corbett, Thomas (19,568-19,734); Edwards Thomas: (30,527-668); Gardner, John William: (28,034-145); Owen, William: (30,382-526); Pickin, Thomas: (30,382-526); Thorne, William: (24,529-25,418); Ward, William Henry: (23,930-24,217).

Employer: Young, R. W. (32,552-578).

Independent: Beckworth, William (15,495-643).

Districts and places referred to:

Acton (*Middlesex*): 24,840.
Bovey Tracey (*Devon*): 28,049; 28,053.
Burmantoft (*Yorkshire*): 15,511-2.
Burslem (*Staffordshire*): 30,510.
Cowley District: 24,805-6.
Devonshire: 24,022.
France: 30,446.
Germany: 30,543.
Hanley (*Staffordshire*): 30,627; 32,553; 32,559.
Kingsteignton (*Devon*): 24,027.
Leeds (*Yorkshire*): 15,511-2.
Leemoor (*Devon*): 24,027.
London: 24,820.
Mapperley Hills: 19,691.
New Field Pottery (*Staffordshire*): 30,649-51.
Nottingham: 19,570; 19,613-4; 19,622; 19,634; 19,688; 19,728.
Plymouth (*Devon*): 24,026; 28,050.
Shepherd's Bush (*Middlesex*): 24,820.
Slough (*Bucks*): 24,806.
Southall (*Middlesex*): 24,806.
Staffordshire: 28,050; 30,427; 30,488; 30,566.
Tunstall (*Staffordshire*): 30,649.
Uxbridge (*Middlesex*): 24,812.
Woodland Pottery (*Staffordshire*): 30,649.

Accidents:

Nature of: 30,594-6.

Acts of Parliament:

Factory and Workshop Act, 1891: 30,475; 30,497; 30,505; 30,511-3.

Arbitration and Conciliation:**Arbitration:**

Boards of, in potteries: 30,383-402; 30,419-28; 30,440; 30,496-7; 30,627; 32,559; 32,566-78;

Reconstitution of: 30,402.

Rules of: 30,386-91; 30,402; 30,430-3; 30,643.

Withdrawal of men from: 30,401-3.

Support of; 30,447-8.

Disadvantages of employed under, alleged: 30,430-40.

Offered: 24,830.

Refused: 24,829.

Resorted to: 30,627.

Arbitration and Conciliation—continued.**Arbitration:****State:**

Advocated: 30,446-63.

Deprecated: 30,464.

Voluntary, advocated: 30,432; 30,440.

Arbitrator, appointed: 30,402; 32,573-7.

Associations and: 24,830-1; 24,840-5; 30,445-7; 30,651; 32,572.

Awards of:

Accepted: 30,401; 30,403.

Issued: 30,385; 30,401; 30,403-14.

Conciliation:

Board of: 30,441-3.

Deprecated: 30,651-2.

Offered and refused: 30,651.

Resorted to: 24,840.

Employers and: 24,829; 30,423-5; 30,427; 30,443-4; 30,496; 30,643; 30,651; 32,568-9; 32,578.

Strikes and disputes, settlement of by: 30,432; 30,443; 30,462-3.

Umpire:

Appointed: 30,385; 30,392-9; 30,401-2; 30,404.

Difficulty in appointing suitable: 30,433-4; 30,522-6.

Wages, regulation of by: 30,400-1.

Associations:**Of Employed:**

Hollow-ware Pressers' Society: 30,428-9.

National Union of Gas-workers and General Labourers: 24,022; 28,053.

Operative Brick-makers' Society of Nottingham. 19,568-70; 19,575.

United Firemen, Dippers, and Placemen's Association: 30,527-8; 30,630; 30,639; 30,653.

Of Employers:

Staffordshire Pottery Manufacturers' Association: 30,419; 32,552.

Boy Labour:

Associations and: 30,662.

Boys:

Age of: 19,585.

Health of: 30,566-8; 30,660.

Number of: 19,609; 19,616-8; 19,676-7; 19,681; 30,566.

Dipping houses in, prohibition of, advocated: 30,566-9; 30,661.

Capital:

Interest on: 30,466-73.

Pottery guild, of: 30,466-7.

Profits on: 30,466; 30,518-20.

Workmen, subscribed by: 30,466-7.

Child Labour:

Brickyards, in, none: 19,608.

Dipping houses, in: 30,625-6.

POTTERY, &c.

Competition :

Home trade, in : 30,440.

Congress :

Trades' : 30,446.

Councils :

Chamber of Commerce, London : 24,840.

Deductions (see *Wages*).**Employed :**

Age of : 30,560 ; 30,602-3 ; 32,558.

Brick-makers, employment of, in winter : 24,919.

Illiterate condition of : 19,587-95.

Character of : 24,027 ; 32,509.

Dismissal of : 30,631 ; 30,638.

Employers, relations of, with :

Satisfactory : 19,625-6 ; 30,426.

Unsatisfactory : 24,812 ; 30,651.

Health of : 30,474 ; 30,500-1 ; 30,540-2 ; 30,560 ; 30,567 ; 30,598 ; 30,608-9 ; 30,618 ; 32,558.

Intimidation of, by employers : 30,583 ; 30,591-3.

Lodging and rent of : 24,027 ; 28,098-9 ; 30,400.

Mortality of : 30,534 ; 30,563.

Number of : 15,512 ; 19,616-8 ; 19,676-81 ; 19,688 ; 30,561-2 ; 30,657.

Respirators, use of, by : 30,502-4.

Savings, investment of, by : 30,466-7 ; 30,516-21.

Slip and press makers : 28,049.

Suggestions of, re hand-made bricks : 19,643-4 ; 19,693-5.

Witness, experience of : 19,589-90 ; 30,382-3 ; 30,496-7.

Employers :Arbitration, and (see *Arbitration*).

Associated : 30,419 ; 32,552.

Deductions made by : 24,812-3 ; 28,098 ; 32,563-4.

Firms of : 24,025 ; 24,027 ; 28,049 ; 28,053 ; 28,096 ; 30,466 ; 30,514 ; 32,553.

Health of workmen, preservation of, by : 30,666.

Intimidation of workmen by : 30,583 ; 30,591-3.

Number of : 19,572-3 ; 30,438.

Profits of : 30,466 ; 30,468-70.

Selling prices, attempts of, to regulate : 30,440.

Trades Unionism :

Hostility of, to : 24,022-7 ; 28,050.

Legal proceedings by, against : 30,631-2 ; 30,636-9.

Wages, action of, re : 28,049-50 ; 30,401 ; 30,416.

Witness, experience of : 32,552-3.

Employment :

"Biscuit" ovens : 30,581 ; 32,559.

Conditions of :

Brickyards, in : 19,618-21 ; 19,672 ; 24,812 ; 24,824-5.

Dipping houses, in : 30,531-40.

Irregular : 19,664-5.

Laborious : 30,598 ; 30,604-8.

Potter's ovens, at : 38,572-85 ; 30,604-8 ; 32,558-9.

Pottery works, in : 30,497-8 ; 30,507 ; 30,627.

Unhealthy : 30,483 ; 30,497-501 ; 30,614-8 ; 30,659-60 ; 32,558.

Glost ovens : 30,581 ; 32,559.

Piece-work : 30,612.

"Towing" : 30,497-501 ; 30,507.

Inspection :

Associations and : 30,491-5.

Efficient : 32,559.

Increased, advocated : 30,598 ; 30,624.

Inefficient : 30,488-90 ; 30,599-600.

Inspection—continued.

Inspectors :

Complaints made to : 30,491-3.

Powers of under Factory Acts : 30,497.

Visits of : 30,490 ; 32,559.

Notification of : 30,490.

Working men, advocated : 30,508-9.

Insufficient : 30,488-90 ; 30,624.

Labours, Hours of :

Brick-makers, of : 19,596 ; 19,670-1.

Overtime : none : 19,671.

Winter, in : 19,596 ; 19,671.

Machinery :

Displacement of labour by : 19,613 ; 19,660.

Effect of : 19,610-4 ; 19,618-21 ; 19,672-3 ; 19,675-81.

Introduction of : 19,600-3 ; 30,443.

Power of : 19,615.

Output (see *Production*).**Overtime (see *Labour*).****Production :**

Bricks :

Hand-made, superiority of : 19,643-55 ; 19,688-706 ; 19,728.

Machine-made, or wire-cut : 19,644-7 ; 19,649-51 ; 19,656 ; 19,694 ; 19,698-710 ; 19,714-26 ; 19,732-4.

Cost of : 19,683-7 ; 30,667.

Nature of : 19,598-600 ; 19,604-7 ; 30,545-54 ; 32,558.

Output : 19,613 ; 19,615-8.

Over-production : 19,628-30 ; 19,634-41 ; 19,729-31.

Prices of : 19,661-3 ; 19,674 ; 19,682 ; 30,525.

Attempts to regulate : 30,440.

Price lists : 30,436-9.

Trade, depression in : 30,402.

Profits (see *Capital and Employers*).**Profit-Sharing :**

Pottery guild : 30,465-73 ; 30,514-21.

Advantages of, to workmen : 30,466 ; 30,471-3 ; 30,516-9.

Capital of : 30,466.

Extension of, advocated : 30,517-21.

Interest paid by : 30,466 ; 30,469-73.

Result of ; 30,515.

Workmen, investment of savings in : 30,466-7.

Reputations :

| Employed : | Statement. | Denial. |
|--|------------------|----------|
| Prosecution of, cause of. | 30,591 | 32,559 |
| Employment: | | |
| Ovens, drawing of after 10 hours. | 30,582-5 | 32,558-9 |
| Inspection: | | |
| Insufficient, in pottery workshops. | 30,624 | 32,559 |
| Production : | | |
| Objection of employers to glazing without lead. | 30,549 30,554 | 32,558 |
| Strikes : | | |
| Withdrawal of workmen at Hanley, alleged reason for. | 30,627 | 32,563 |
| Women's labour : | | |
| Women, employment of, in dipping houses. | 30,536 | 32,556-7 |

Relief Funds :

Trades' Unions, of :

Funeral fund : 19,576.

Subscriptions to : 19,577-81.

Remedies :

Arbitration :

State, advocated : 30,446-62.
 „ deprecated : 30,464.

Boy labour : dipping houses in, restriction of advocated : 30,569 ; 30,661.

Employers : eviction of tenants by, prohibition of, advocated : 28,099-100.

Employment : Ovens, longer time to cool, advocated : 30,586-91 ; 30,597 ; 30,664-6.

Inspection : Increased advocated : 30,508 ; 30,624.

Inspectors :

Control of, by local joint committee, advocated ; 30,489.

Working men, advocated : 30,508-9.

Production :

Glazing, restriction of use of lead in, advocated ; 30,543 ; 30,556-8 ; 30,568 ; 30,661.

Machine-made bricks, prohibition of use of, in house-building, advocated : 19,643 ; 19,650 ; 19,659 ; 19,693-5 ; 19,711.

Profit-sharing : Extension of system advocated ; 30,516-21.

Sanitation : Ventilation, improved system of, advocated : 30,509.

Trade Unionism : Penalty for withdrawal from Unions, advocated : 28,060-4.

Sanitation :

Associations and : 30,475-8 ; 30,619.

Local authorities, powers of, *re* : 30,511-3.

Overheating : 30,481-7.

Satisfactory : 30,510 ; 30,620.

Temperature : 30,482-3 ; 30,486-7 ; 30,582-3 ; 30,588-90.

Unsatisfactory : 30,510 ; 30,614-8 ; 30,621.

Ventilation :

Satisfactory : 30,498-9.

Unsatisfactory : 30,497-8 ; 30,509.

Strikes, Lock-outs, and Disputes :

Associations and : 28,050 ; 30,493-5 ; 30,644 ; 30,651.

Cause of : 24,807-12 ; 28,049 ; 30,627 ; 32,563.

Duration of : 19,624 ; 24,812 ; 30,402 ; 30,629 ; 30,640 ; 30,647.

Important local :

Acton and Shepherd's Bush District, 1892 (Brick) : 24,840.

Bovey Tracey, 1891 (Pottery) : 28,049-51.

Cowley District, 1891 (Brick) : 24,805-14.

Hanley, 1891 (Pottery) : 30,627-49 ; 32,559-64.

Potteries, 1880-1 : 30,401-2.

Tunstall, 1891 (Pottery) : 30,649-52.

Importation of labour during : 28,050 ; 30,643 ; 32,563.

Number of : 19,622 ; 30,493.

Result of : 19,623 ; 24,812-4 ; 28,050-1 ; 30,402 ; 30,648-9.

Settlement of : 28,050 ; 30,432 ; 30,443 ; 30,451 ; 30,462-3 ; 30,493-5 ; 30,648.

Trade Unionism :

Arbitration and (see *Arbitration*).

Benefits of (see *Relief Funds*).

Boy labour, and (see *Boy labour*).

Condition of employed, Influence of, on : 19,631-3.

Employers :

Hostility of, to : 24,022-7 ; 28,050.

Legal proceedings of, against : 30,631-2 ; 30,636-9.

Inspection, and (see *Inspection*).

Non-unionists and unionists, proportion of : 19,574.

Sanitation, and (see *Sanitation*).

Strikes and disputes, and (see *Strikes*).

Unionists :

Dismissal of : 24,027 ; 28,051.

Intimidation of, by employers : 24,022-7 ; 28,096.

Number of : 19,571 ; 30,656.

Withdrawal of : 28,054-67.

Wages, and (see *Wages*).

Weakness of : 30,402 ; 30,421.

Witness, connection of, with : 19,568 ; 30,428-9 ; 30,491 ; 30,527-9.

Unemployed :

Cause of : 19,660 ; 19,675.

Wages :

Advance in : 28,054 ; 30,400-1.

Associations, influence of, on : 19,627 ; 28,050 ; 28,053 ; 28,056.

Average :

Brick-makers, of : 19,597 ; 19,657 ; 19,667-70 ; 28,053.

Clay-diggers, of : 28,053.

Pottery-workers, of : 28,050 ; 30,426 ; 30,611-3 ; 30,633 ; 30,649-50.

Bonus : 24,812.

Deductions from : 24,812 ; 24,815-23 ; 28,098 ; 30,627-8 ; 30,563-4.

Grievance of workmen *re* : 24,812.

Legal proceedings *re* : 24,812 ; 24,815.

Difference in : 19,597.

Payment of :

Per day : 30,633.

Per hour : 19,597.

Petition of workmen *re* : 28,053.

Reduction of : 19,627 ; 19,658 ; 30,401 ; 30,416.

Strikes and disputes *re* : 24,807-8 ; 28,049-50 ; 30,627 ; 30,651.

Women's Labour :

Brickyards, in, none : 19,632.

Dipping houses, in : 30,536 ; 30,657-8 ; 32,556-7.

Nature of : 30,497.

Women :

Health of : 30,500-1.

Number employed, increasing : 30,654-8.

" Towers " : 30,497.

PRINTING.

Witnesses :

Employed : Bowerman, Charles William (22,915-23,155) ; Eddy, John (27,224-326) ; Johnstone, Robert (27,113-223) ; Jolley, John Henry (17,018-257) ; Kelly, George D. (22,590-756) ; Leahy, David (27,504-543) ; Merry, William (27,451-503) ; Monro, Samuel (27,327-404) ; O'Grady, Thomas (28,363-523) ; Palace, Alfred (28,637-767) ; Richards, J. W. (27,405-450) ; Slatter, Henry (22,757-914).

Employer : Smith, Henry Batty (28,524-636).

Independent : Beekworth, William (15,495-643).

Districts and places referred to :

America : 27,372, 28,574.

Austria : 22,743.

Bavaria : 22,743.

Belfast (*Ireland*) : 27,327 ; 27,329 ; 27,335 ; 27,343 ; 27,346 ; 27,363 ; 27,378 ; 27,384 ; 27,400.

Berlin (*Germany*) : 22,707.

Birmingham (*Warwickshire*) : 22,828.

Bradford (*Yorkshire*) : 22,662 ; 22,704 ; 28,599 ; 28,604 ; 28,622.

PRINTING.

Districts and places referred to—continued.

Cambridge: 22,838; 22,870-1.
 Cork (*Ireland*): 170,33; 22,772.
 Dublin: 22,772; 27,389-90; 27,451; 27,481; 27,486.
 Edinburgh (*N.B.*): 22,750; 23,156; 23,173; 23,202;
 23,213; 23,239; 23,241; 27,150; 27,188.
 England: 22,610; 22,750; 23,192; 23,283; 28,716.
 France: 22,737; 22,741.
 Germany: 22,710-2; 22,737; 22,742; 22,882; 28,708;
 28,710.
 Glasgow (*N.B.*): 23,158; 23,190; 27,161; 27,163;
 27,201; 27,224; 27,241-2; 27,261; 27,264; 27,269-
 70; 27,281; 27,304; 27,307-8; 27,314.
 Gloucester: 22,872.
 Great Britain: 27,241.
 Ireland: 27,347.
 Lancashire: 22,610; 22,718.
 Leeds (*Yorkshire*): 22,662; 22,704; 22,772.
 London: 22,600; 22,602; 22,613; 22,693-4; 22,772;
 22,915; 22,919; 22,955; 22,988; 23,098; 27,528;
 28,406; 28,527; 28,604; 28,638-9; 28,710; 28,716;
 28,718; 28,729; 28,740.
 Manchester (*Lancashire*): 22,702; 22,715; 22,762;
 28,599.
 Oxford: 22,838-9.
 Perth (*N.B.*): 23,190; 27,209.
 Redhill (*Surrey*): 22,884.
 Scotland: 22,610; 22,772; 23,192; 23,283; 27,113;
 27,176; 27,182; 27,187.
 South Germany: 22,743.
 Southwark (*London*): 28,748.
 Waterford (*Ireland*): 27,405; 27,411; 27,433.
 Yorkshire: 22,661; 22,702.

Accidents:

Causes of:
 Heavy weights, lifting of: 28,653; 28,689; 28,695.
 Machinery: 27,513; 27,533-4.
 Insufficient protection of: 27,513; 28,424; 28,459-
 60; 28,468; 28,477-81; 28,499-501.
 Compensation for: 27,535; 27,540-1.
 Nature of: 27,533; 27,535; 28,460; 28,468; 28,653.
 Number of: 22,697; 22,700; 27,513; 27,533; 27,539.
 Prevention of: 22,891; 28,459; 28,499-500; 28,696-
 701.

Acts of Parliament:

Employers' Liability Act: 23,114; 27,540.
 Factory and Workshop Acts, 1878, 1891: 22,832;
 23,114; 27,347-8; 27,447; 27,466; 28,374; 28,429;
 27,495-6.
 Glasgow Police Act, 1866: 27,269-71.

Apprenticeship:

Apprentices:
 Hours of: 28,426-7.
 Not indentured: 22,945; 27,481.
 Number of: 17,071; 22,681-3; 22,801-6; 22,808;
 22,866; 23,001-3; 23,091; 23,208; 27,133; 27,214-
 7; 27,250; 27,296-7; 27,302; 27,343; 27,389;
 27,411-3; 27,426-7; 27,479; 27,490; 27,492.
 Increase in: 17,071; 17,208.
 Restriction of:
 Difficulty in: 27,424-6; 27,437-8; 27,480.
 Legal, advocated: 27,423; 27,433.
 Result of: 22,730-1; 22,734; 22,736; 23,093;
 23,097.
 Trades Union Rules, by: 22,681; 22,720-36;
 22,768; 22,800-9; 22,859-66; 22,873;
 22,945; 23,001-2; 23,091-7; 23,206-10;
 27,133-7; 27,250-4; 27,260; 27,264; 27,296-
 302; 27,343-5; 27,479.
 Premiums paid for: 22,808; 27,481.
 Trades Unions, admission of, to: 22,921.

Apprenticeship—continued.

Training of: 22,811; 22,949; 23,096; 27,428;
 27,481.
 Disputes *re*: 22,799; 22,858-9; 27,130; 27,137;
 37,250; 27,260; 27,298; 27,300; 27,311.
 Duration of: 22,624-7; 22,876-8; 23,048.

Arbitration and Conciliation: 27,176.**Arbitration:**

Approved of: 22,830-1; 23,211-2; 27,179; 28,636;
 28,765-7.
 Boards of, advocated: 27,175-9; 27,261; 27,354;
 27,484; 28,675.
 Deprecated: 22,939; 23,212; 23,217.
 Refused: 27,166; 27,378-80.
 Arbitrators, difficulty in appointing suitable: 27,265-
 7; 28,635-6.
 Awards of, enforcement of: 27,522.
Conciliation:
 Approved of: 22,638; 23,211-2.
Boards of:
 Advocated: 27,175-9; 27,261; 27,354; 27,484;
 27,519-21.
Individual:
 Leeds, of: 15,575; 22,679.
 London Chamber of Commerce, of: 28,676.
 Manchester Joint: 22,639-41.
 Compulsory, deprecated: 15,575.
 Refused: 17,140; 17,209; 17,220.
 Joint Committees: 22,938; 22,986; 23,215-6; 27,177.
 Advocated: 23,215-6.

Associations:

Of Employed: 22,773-4; 22,825.
 Amalgamated Society of Lithographic Printers of
 Great Britain and Ireland: 22,591-5; 22,600-9;
 22,691-5; 22,719; 28,761.
 Belfast Typographical Society: 27,329-30; 27,339-
 45; 27,350-2; 27,389; 27,391; 27,394-9.
 Edinburgh Typographical Society: 23,156-63;
 23,191; 23,206; 23,253; 23,259-60.
 Glasgow Typographical Society: 27,224-30; 27,242-
 8; 27,250-4; 27,256-64; 27,268; 27,272; 27,274-
 80; 27,300-1; 27,306; 27,317-21; 27,323.
 Lithographic Stone and Zinc Preparers' Society:
 28,637-40; 28,643; 28,654-64; 28,682-5; 28,733;
 28,742-7; 28,754-9; 28,762-7.
Local Associations:
 Cork: 17,070; 17,138; 17,190; 17,195; 17,200;
 17,210-2; 22,772.
 Dublin: 22,772.
 Leeds: 22,772; 22,874.
 London Society of Compositors: 22,772; 22,894;
 22,913; 22,915-6; 22,919-21; 22,936; 22,952;
 22,969-77; 22,985-6; 23,004-5; 23,042; 23,044-8;
 23,056; 23,059; 23,062-7; 23,112-37; 23,141-3;
 23,146-9; 28,525-6; 28,534; 28,540-1; 28,550-3;
 28,560-4; 28,574; 28,578-9; 28,584-98; 28,600-2;
 28,606; 28,608-21; 28,624; 28,626-32; 28,761.
 London Society of Machinemen: 22,772.
 London Society of Pressmen: 22,772.
 Printers Labourers' Union: 28,363-4; 28,369-72;
 28,375-6; 28,405; 28,470-6; 28,502; 28,509-19.
 Printing and Kindred Trades Federation: 22,895-
 8; 28,676; 28,746; 28,760-2; 28,764-5.
 Printing Machine Managers' Trade Society: 27,504
 -6; 28,487; 28,509-23.
 Scottish Typographical Association: 22,772;
 22,894; 23,157; 27,113-5; 27,123-4; 27,127-31;
 27,133; 27,143-4; 27,147; 27,153-7; 27,163-7;
 27,172; 27,179-82; 27,225.
 Typographical Association: 22,759-71; 22,775-90;
 22,793; 22,809; 22,818-31; 22,839-73; 22,877;
 22,894; 22,899; 22,903-8; 27,409; 27,436;
 27,438; 27,445; 27,499.

Associations—continued.*Of Employed :*

Typographical Provident Society of Dublin: 27,452-63; 27,474; 27,479-80; 27,489; 27,498-501.
Waterford Typographical Association: 27,406-10; 27,436-7; 27,445.

Of Employers : 22,824-6; 28,678; 28,681-2.

Masters' Association, Edinburgh: 21,213.
Masters' Association, London: 22,987; 22,952; 22,986.

Black Listing: 28,469; 28,520-3.

Boy Labour :*Boys :*

Employment of: 22,808; 22,945; 23,050; 27,183; 27,217-8; 27,306; 27,412; 27,426-7; 27,434; 27,438; 27,441; 27,479; 27,490-2.

Overtime and night-work of: 22,832; 27,447; 28,429; 28,453; 28,492-6.

Wages of: 28,651.

Effect of, on trade: 23,051-2.

Nature of: 22,701; 27,528-9; 28,643-50; 28,687-9; 28,730.

Protest against: 28,469.

(See also under *Apprenticeship*).

Child Labour and Half-time System :

Children, employment of, under age: 22,642-3; 22,681.

Half-timers: 22,645-6.

Nature of: 22,644.

Compensation: 27,535; 27,540-1.

Competition :

Foreign: 22,707-13; 22,737-56; 22,881-3; 23,288-92; 28,708-15; 28,718.

Home: 22,988; 23,025; 23,096; 23,284-7; 27,161-2; 27,304; 27,437.

Conferences: 22,824-6; 22,933-6; 22,986; 27,260; 27,264; 27,267; 28,764.

Congresses :

Bradford Trades Union: 23,261.

Councils :

Chambers of Commerce: 28,676.

County: 23,027.

Trades, Belfast: 27,328; 27,354; 27,375; 27,381-3; 27,388; 27,408; 27,402.

Double-Shift System (See under *Employment*).

Eight Hours' Day :

Effects of, presumed: 22,707-10; 23,117-21; 23,149-55.

Legal :

Advocated: 22,661; 22,703; 23,062-4; 23,068; 23,088; 23,111; 23,114; 23,144-8; 23,198; 23,253; 23,255; 27,500-3.

Special cases, in: 27,366-9.

Deprecated: 15,636; 22,659-60; 22,703; 22,834; 23,222; 23,244-5; 27,204-7; 27,362-6; 27,398; 27,498; 27,518.

Enforcement of: 23,112-4.

Overtime and: 23,071-6; 23,199-201; 23,254-8.

Suggestions, re working of: 23,107-14.

Movement re :

Leaders of, objections to: 27,318-21.

None: 27,304; 27,317-8.

Objections to: 23,069-70; 23,076; 23,255-8.

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Eight Hours' Day—continued.

Voluntary, advocated: 15,632-6; 27,365-6; 27,517-8.
Vote in favour of: 22,834; 23,066; 23,198; 23,220; 23,254; 23,259-61.

Employed :

Average life of: 22,888.

Complaints of, re:

Apprentices: 22,803; 22,811; 22,945; 22,949; 27,427-35; 27,515-6.

Distribution of work: 22,994; 23,275.

Employers: 28,675; 28,682.

Essay on Trade Unionism, in Irish School Reading Books: 27,387-9.

Glasgow Police Act: 27,268-71.

Government Contracts: 22,980-4; 23,021-33; 23,043-7; 23,100.

Heavy weights, lifting of: 28,653; 28,687-95; 28,720-2.

Holidays: 27,486.

Hours: 28,388-94; 28,483-7.

Inspection: 22,832; 22,899-900; 22,954; 23,018; 27,532-3; 28,441.

Machinery, unprotected: 27,513; 27,533-4; 28,459-60.

Sanitation: 22,955; 27,510-1; 28,377-87; 28,404-6; 28,430; 28,449; 28,457-8; 28,665; 28,675.

Wages: 28,643.

Condition and education of: 22,687-90; 28,675.

Employers, relations of, with: 22,826; 22,907; 27,261; 27,314-6; 27,386; 27,461; 27,483.

Number of: 22,684; 27,329; 27,411; 27,456; 28,723-5; 28,740.

Skill of: 22,616-22.

Employers :

Black list, use of, by: 28,469; 28,520-3.

Compensation, refusal of, by: 27,535.

Competition of: 27,161-2; 28,686.

Eight hours' day, cost of, to: 23,150-5.

Employed :

Duties of, towards: 28,718.

Relations of, with: 28,675.

Satisfactory: 22,686; 22,826; 27,261; 28,539; 28,553; 28,633; 28,654-6.

Fair and unfair: 22,984; 22,986; 23,033; 23,050-2; 27,160-1; 28,682; 28,743-4.

Hours, reduction of, opposition of, to: 22,707.

Profits of: 27,218; 28,686.

Trade Unionism :

Attitude of, towards: 28,682; 28,763-7.

Officials of, relations of, with: 22,658; 27,375; 28,654a.

Employment :*Conditions of :*

Dangerous: 28,466; 28,653; 28,687-95.

Healthy: 22,609; 27,307; 27,346; 28,566-9.

Satisfactory: 22,686.

Unhealthy: 22,888-90; 22,956-60; 27,464-5; 27,510; 27,512; 28,379-87; 28,405-6; 28,430; 28,457; 28,665-7.

Contract of service: 23,225; 27,120.

Double-shift system, advocated: 27,257; 28,388-91.

Nature of: 22,617-22; 22,920; 28,366-8; 28,412; 28,640-3; 28,687-92; 28,704-5; 28,707; 28,719-22.

Piece-work: 17,215; 22,816; 22,925; 22,927; 22,961-2; 22,994; 23,102; 23,170; 23,180; 27,295; 27,322; 27,325; 27,331; 27,477; 28,547-8; 28,593-7; 28,601; 28,607; 28,622-4.

"Stab" work: 22,994; 23,102; 27,325-6; 28,541; 28,601-3.

System of working: 17,068; 17,197-200; 17,204-8; 17,213-22.

PRINTING.

Fines (see under *Wages*).**Friendly Societies and Relief Funds:**

Benefit funds: 22,603; 22,606-7; 22,769; 22,776-85; 22,840-3; 22,847-57; 22,969-74; 22,976; 22,978-9; 23,162; 27,156; 27,228-9; 27,341; 28,658; 28,756.

Half-time System (see under *Child Labour*).**Inspection:****Inspectors:**

Character and competence of: 22,655; 23,018; 27,308; 27,537.

Complaints to: 22,656-8; 23,017-8; 28,433; 28,438-40; 28,482-5; 28,450-2.

Number of: 22,652-4; 22,886; 23,018; 23,089; 27,347; 27,467; 28,441.

Working men as: 22,832; 22,899-900; 22,909-10; 22,954; 23,099; 27,469.

Insufficient: 22,642; 22,680; 22,697; 22,832; 22,885-6; 22,890; 22,954; 27,466-9; 27,494; 27,526; 27,532-3; 27,536-8; 28,441.

Joint Committees (see under *Arbitration and Conciliation*).**Labour:**

Holidays: 27,486-7.

Hours:

Excessive: 23,071; 23,117; 28,388-91; 28,406-10; 28,412-24; 28,442; 28,449; 28,483-7; 28,496-8; 28,535; 28,538.

Per day: 17,197; 17,204; 22,611-2; 22,665-6; 27,238; 27,240-1; 27,293-4; 28,442; 28,529.

Per week: 17,033-4; 22,610; 22,661-3; 22,705; 22,797-8; 22,922-4; 23,193-4; 27,235; 27,257; 27,303; 27,305; 27,331; 27,333-6; 27,459; 28,391-2; 28,529; 28,531-2; 28,677.

Reduction in: 15,630-1; 22,660-1; 22,664-6; 22,704; 22,714-8; 22,799; 22,893; 27,231-3; 27,459; 27,517; 28,408; 28,410; 28,515-8.

Variation in, in different localities: 22,610.

Meal times and breaks: 28,390; 28,408.

Night work: 17,197; 17,204; 22,795-6; 22-924; 22,961-4; 27,241; 28,388; 28,391; 28,393-9; 28,402-3; 28,410; 28,487; 28,495; 28,502-4; 28,529.

Payment for (see *Wages*).

Overtime:

Government contracts, in: 22,980-3; 23,021-2; 23,024; 23,100; 23,102-3.

Necessity for: 23,071; 23,074-6; 23,089; 23,202-5.

Payment for: 17,200; 17,219; 22,980-1; 22,983-4; 23,022-4; 23,072-3; 23,199-201; 23,257-8; 27,152; 27,257.

Restriction of, cost of, to employers; 23,101-2.

Sunday work; 22,965-8.

Machinery:

Dangerous character of: 27,513; 27,527.

Effect of: 22,811; 27,190-1; 27,202; 27,324-6; 27,349; 28,540; 28,572.

Employment of: 22,812; 27,201; 27,312-3; 27,349; 28,590; 28,599.

Hand labour, comparison of with: 22,815; 27,192-200; 27,349.

Steam power: 22,685.

Strikes and lock-outs *vs*: 23,225; 27,119-20; 28,541-2; 28,608-16.

Trades Unionism and: 23,225; 27,349; 28,550-1; 28,596-8; 28,600-1.

Where placed; 27,525.

Overtime (see under *Labour*).

Pensions: 22,821-2.

Picketing and Intimidation: 23,133; 27,268-80; 27,352-3; 28,541; 28,578-88; 28,629-31.

Production:

Cost of: 17,198-200.

Literature, of, cheap: 27,195-200; 27,221-3.

Lithography:

English and foreign, comparison of: 22,738-46; 22,749-56.

Improvement in: 22,738; 22,745-50; 22,879-80.

Maps, printing of: 22,747; 22,750.

Printing:

Edinburgh, in, for London: 23,284-7.

Yorkshire, in: 22,671.

Printing offices, number of: 23,049; 23,098.

Stone-preparing industry: 28,706-7.

Trade:

Depression in: 22,670-4.

Increasing: 27,203; 27,384.

Profits (see under *Employers*).

Profit-sharing: 27,281-9.

Refutations:

| | Statement. | Denial. |
|---|------------|---------|
| <i>Re</i> Hours in the "Sportsman" Office. | 22,924 | 28,527 |
| Injury to machinery, alleged, by compositors. | 23,134 | 28,553 |
| Non-union labour. | 23,141-2 | 28,558 |
| Wages in the "Sportsman" Office. | 23,129 | 28,540 |

Relief Funds (see under *Friendly Societies*).**Remedies:**

Apprenticeship: Legal restrictions on, advocated: 27,435-45.

Eight Hours' Day (see *Eight Hours' Day*.)

Employment: Double-shift system, advocated: 27,257.

Inspection: Increased, advocated; 22,680; 22,832.

Inspectors: Working men, advocated: 22,832; 22,899-900; 22,909; 22,954.

Labour: overtime, restriction of, advocated: 22,980; 23,101.

Machinery: protection of, advocated: 28,459; 28,499-500.

Sanitation: ventilation improved, advocated; 28,453.

Wages: Government contracts, more liberal terms in, advocated: 23,025-33; 23,047; 23,101-2; 23,104-6.

Sanitation:

Improved by trade union effort: 22,651.

Lighting: 22,955; 27,510; 28,568.

Satisfactory: 22,561; 23,241; 27,307; 27,346; 27,495; 28,566-8; 28,668; 28,680.

Unsatisfactory: 22,885; 22,955-60; 27,464; 27,510-2; 27,530-1; 28,377-87; 28,405-6; 28,430; 28,449; 28,454; 28,457-8; 28,464; 28,665-7.

Ventilation: 22,887; 22,889-90; 22,955; 22,960; 27,510-2; 28,404; 28,454; 28,464; 28,568.

Sliding Scales: 27,325.**State Interference** (see *Eight Hours' Day and Remedies*).**Strikes, Lock-outs, and Disputes:**

Disputes: settlement of: 22,628-36; 22,824-6; 27,264.

Lock-outs: General:

Cork: 17,065-70; 17,136-40; 17,190-221.

Cost of: 17,191.

Important local:

"Morning News" Office, Belfast: 27,350-2.

"Sportsman" Office, London: 23,125-40; 28,541-3; 28,579-89; 28,602; 28,606-21.

Strikes, Lock-outs, and Disputes—continued.

Importation of labour during: 17,069.
 Intimidation and violence in connection with:
 23,129; 23,133-7; 23,578-88; 28,617-21;
 28,629-32.

Prevention of: 17,220.

Strikes:**Causes of:**

Distribution of work: 23,275.
 Hours: 22,661-4.
 Machinery, agreement re: 23,225; 27,120.
 Overcrowding of staff: 23,275-9.
 Overtime rate, refusal to pay: 27,152; 27,249.
 Violation of agreement: 22,940-1; 22,993
 Wages: 27,415; 27,474.
 Cost of: 22,704; 22,906; 27,128; 27,167.

General:

Dublin, 1878: 27,471-6.
 Result of: 27,475.
 Dublin, 1890: 27,477-8.
 Result of: 27,478.
 Edinburgh: 23,173-7.
 Result of: 23,173-7.
 Yorkshire: 22,661-8; 22,702; 22,704.
 Result of: 22,668.

Important local:

"Evening News" Office, Edinburgh: 23,275-81.
 Result of: 23,280-1.
 "Evening News" Office, Glasgow: 27,152-4;
 27,249; 27,256-9.
 Result of: 27,257.
 Lithographic printers, Leeds: 15,575; 15,628-31;
 22,669; 22,671.
 "Munster Express" Office, Waterford, 1882:
 27,414-7.
 Result of: 27,416.
 "Scotsman" Office, Edinburgh: 23,275; 23,282.
 Result of: 23,282.
 "Scottish Leader" Office, Glasgow: 23,223-5
 27,119-26; 27,166.
 Result of: 23,226; 27,123-6.
 Minor local: 23,167-9; 23,197; 27,127-32; 27,209;
 27,260.
 Prevention and settlement of: 15,575; 27,164-6;
 27,261-7; 28,633-6.
 Results of: 23,263; 27,129; 27,257-60.
 Strike pay: 22,776; 22,903-6; 27,167; 27,172;
 28,757.

Sweating System: 28,588-9; 28,564-5.

Trade Unionism:

Benefits of (see *Friendly Societies*).

Employers:

Deputations to: 27,260; 28,553.
 Recognition of, by: 28,475; 28,682; 28,763.
 Refusal of, to recognize: 17,140; 17,209; 28,682;
 28,763-7.
 Essays on, sanctioned by National Board of Educa-
 tion, Ireland: 27,388-9.
 Hours, influence of, on: 22,661; 22,702; 23,042;
 27,335; 28,514-9.
 Non-union shops, and "unfair" houses: 22,986;
 22,989; 23,031-5; 27,158-9; 27,392; 28,558-64;
 28,670-4.

Non-unionists:

Number of: 22,875; 23,227-8; 27,456.
 Position of: 27,249.
 Refusal of unionists to work with: 22,990; 22,997-
 300; 27,243; 27,246-9; 27,391; 28,735-9.

Trade Unionism—continued.

Officials of: 22,597; 22,630-6; 22,658; 22,675-8;
 22,773; 28,670-4.

Sanitation, influence of, on: 22,651.

Unions, relations between various: 22,772-4; 23,077-8.

Unionists:

Dismissal of: 28,657-65; 28,748-9.
 Number of: 22,593; 22,600; 22,770-1; 22,916;
 22,919; 23,159; 27,242; 27,261; 27,329; 27,457-8;
 28,363; 28,638.
 Refusal to employ: 27,396; 28,543; 28,559.
 Wages, influence of on: 22,695; 23,042; 27,472-4;
 28,462-8; 28,643; 28,654-5.

Unemployed:

Eight hours' day, presumed effect of on: 23,117-21;
 23,149-50; 28,410; 28,504.

Overtime, restriction of, presumed effect of, on:
 22,980.

Wages:

Average: 22,794-5; 23,170; 23,180; 27,172; 27,234-
 7; 27,334-8; 27,413; 27,460; 27,507-8.

Compositors, of: 22,927-8; 28,565; 28,592-5;
 28,601; 28,627.

Lithographic printers, of: 22,613-4; 22,696.

Lithographic stone-preparers, of: 28,643; 28,651-
 3; 28,668; 28,679; 28,726-9.

Printers' labourers, of: 28,394-403; 28,507.

Bonus system: 27,281; 27,283-91; 27,325-6; 28,565.

Government contracts, effect of, on: 23,025-30;
 23,043-4; 23,046.

Improvement in: 22,892-3; 22,929-32; 27,236-7.

Machinery:

Influence of, on: 27,324-6.

Working of, payment for: 27,325; 28,540; 28,544-5;
 28,565; 28,571; 28,592; 28,603; 28,605-7.

Minimum: 22,613; 23,012-4; 27,236; 27,322;
 27,337; 28,395; 28,472.

Night work, payment for: 22,795; 22,927; 22,961-4
 27,241; 28,394-6.

Non-unionists, of: 27,159; 27,393.

Notice, payment in lieu of: 17,138; 17,190-1.

Overtime, payment for: 23,201; 27,152.

Payment of:

Per hour: 28,592.

Per week: 22,928; 23,172; 27,234; 27,413; 28,643;
 28,726.

Piece-work, for: 23,054-5; 23,170; 23,180; 27,295;
 27,331; 27,336; 28,394; 28,402-3; 28,533; 28,544-5;
 28,550; 28,552; 28,565; 28,570-1; 28,575; 28,593-
 7; 28,607; 28,624.

Settlement of, by conference: 22,933-6; 22,987-8;
 27,264.

"Stab" work: 27,281.

Standing time, payment for: 27,241.

Trades unions:

Influence of, on: 22,695; 23,042; 27,472-4; 28,462-
 8; 28,643; 28,654-5.

Rate of, fixed by: 22,927; 22,936; 22,940; 22,989;
 23,004; 23,033; 23,199-200; 27,264; 28,534;
 28,554; 28,643.

Variations in: 22,613-4; 22,986; 23,192; 23,283;
 28,686.

Women, of (See *Women's Labour*).

Women's Labour:

Effect of: 23,059-60.

Girls, employment of: 28,442-8; 28,461.

Men's labour, comparison of, with: 23,008-9; 23,186-
 9; 23,230-6; 23,246-52; 27,140-2; 27,184.

Nature and conditions of: 22,648-50; 22,701; 22,791-
 2; 22,884; 23,007; 23,084; 23,177; 28,237-9;
 27,138-9; 27,188-9; 27,349; 27,528; 28,461;
 28,468-9.

PRINTING.

Women's Labour—continued.**Trades Unions:**

Attitude of, towards: 22,699; 22,911-2; 22,914;
23,004; 23,061; 27,131; 27,219-20.

Women, admission of, to: 22,793; 23,004-5.

Women:

Machinery worked by, protection of: 28,468-9;
28,479-81.

Women's Labour—continued.

Number of, employed: 22,647; 22,698; 23,004;
23,057-8; 23,083; 23,176; 23,229; 23,264-7;
27,187; 27,211; 27,215.

Training of: 23,081-2; 23,262-3.

Wages of: 22,912; 23,006; 23,010-1; 23,014;
23,178-83; 23,185; 23,246; 27,131-2; 27,143-4;
27,147-8; 27,185-6; 27,219; 28,469.

SEED CRUSHING.

SEED CRUSHING.**Witnesses:**

Employed: Adams, George (31,617-707); Bell,
George Henry (31,441-546; 31,572-574).

Employers: Smith, Henry Frederick (31,547-616).

Districts and places referred to:

America: 31,509; 31,517; 31,623; 31,693.

Baltic: 31,509-10; 31,517.

Blackwall (*London*): 31,626; 31,629.

Chelsea (*London*): 31,961.

Dantzic: 31,517.

Dover: 31,661-2.

East Greenwich (*London*): 31,645; 31,647.

England: 31,693.

France: 31,623.

Germany: 31,623.

Hammersmith (*London*): 31,646.

Hull (*Yorkshire*): 31,444; 31,446; 31,449-50; 31,456;
31,459; 31,472; 31,486; 31,498; 31,520; 31,533;
31,536; 31,538-9; 31,545-7; 31,553; 31,559; 31,616;
31,620; 31,650; 31,686.

Liverpool: 31,445; 31,521; 31,523.

London: 31,445; 31,447; 31,521; 31,523; 31,539;
31,562; 31,617; 31,621; 31,623-5; 31,630; 31,650;
31,672; 31,683-4; 31,686; 31,695; 31,702.

Arbitration and Conciliation:

Arbitration, board of, advocated: 31,486; 31,490-2;
31,496-7.

Considered: 31,492-3; 31,496-7; 31,570-5;
31,577-92.

Court of, affiliation of, to Board of Trade, ad-
vocated: 31,577-83.

Monetary penalties, by, advocated: 31,578;
31,582; 31,584-9; 31,592-3.

Dispute *re*: 31,569-74.

Conciliation, Hull board of: 31,486; 31,497.

Employers, deprecated by: 31,486.

Joint committees: 31,464-73; 31,481; 31,491;
31,496; 31,564-8; 31,595; 31,696.

Disputes settled by: 31,470.

Elections for: 31,474-8.

Seed Crushers' Committee: 31,466; 31,472; 31,549.

Associations:*Of Employed:*

Dock, Wharf, Riverside, and General Labourers'
Union: 31,441; 31,446; 31,553; 31,605-6;
31,609-16; 31,626; 31,629; 31,640-1; 31,650-1;
31,663-6; 31,673; 31,703; 31,707.

Competition:

America, with: 31,509; 31,517; 31,693.

Foreign: 31,507-10; 31,513-8; 31,527-8; 31,533;
31,541; 31,596-7.

Co-operation: 31,580.**Councils:**

Board of Trade: 31,577; 31,583.

Chamber of Commerce, Hull: 31,471; 31,486; 31,549.

Trades Council: 31,486.

Double Shift System (see *Employment*).**Eight Hours' Day:**

Census *re*, suggested by employed: 31,698-700.

Compulsory, deprecated: 31,695.

Considered: 31,498-500; 31,520; 31,529-38; 31,546;
31,597-8; 31,693-8.

Legal, advocated: 31,498-500; 31,518-20; 31,530;
31,597; 31,693.

Presumed effects on:

Foreign competition: 31,518; 31,693.

Trade: 31,527; 31,538; 31,597-8; 31,693-4.

Wages: 31,525-6.

Employed:

Conditions of: 31,498; 31,540-3.

Grievances of, *re*:

Hours: 31,459; 31,479; 31,498; 31,626.

Machinery: 31,681.

Mealtime, insufficient: 31,479; 31,626; 31,642.

Overtime: 31,459; 31,498; 31,626; 31,683; 31,688;
31,690.

Sanitation; 31,676.

Wages: 31,454-5; 31,462; 31,660.

Number of: 31,449; 31,618-21; 31,644.

Decrease in: 31,643; 31,645; 31,650.

Relations of, with employers: 31,452; 31,459; 31,486;
31,525; 31,545-6; 31,553; 31,558; 31,575; 31,591;
31,594; 31,596; 31,669-76; 31,706-7.

Work of, unsatisfactory: 31,662.

Employers:

Arbitration, and: 31,486; 31,569-75; 31,581-93.

Eight hours' day, advocated by: 31,597.

Employed, relations of, with (see *Employed*).

Grievances of: 31,580; 31,596-7; 31,604; 31,614.

Losses of: 31,629-30.

Trade unionism and (see *subject-heading*).

Witness, experience of: 31,548-9; 31,596-7.

Employment:

Conditions of: 31,598; 31,621; 31,637; 31,662;
31,690; 31,692-3.

Continuous: 31,626.

Improved: 31,675-7; 31,681; 31,683; 31,688;
31,690.

Intermittent: 31,596.

Overstocked: 31,542.

Unhealthy: 31,630-9; 31,667-9; 31,675-8; 31,681;
31,683; 31,686; 31,689.

Seasonal: 31,457-8; 31,501; 31,580; 31,596-8.

Piece-work: 31,690.

Shifts:

Double: 31,459; 31,479; 31,514; 31,600-3; 31,626;
31,693.

Treble, advocated: 31,514; 31,693.

Suggestions *re*: 31,668; 31,690-3.

Inspection: 31,681-2.

Joint Committees (see under *Arbitration and Conciliation*).

Labour, Hours of:

Average: 31,514; 31,600-3.
 Curtailment of: 31,580; 31,596-7; 31,604; 31,693.
 Grievances, re: 31,498; 31,626; 31,650.
 Meal times: 31,479; 31,626; 31,630; 31,642.
 Overtime: 31,459-60; 31,462; 31,479; 31,498; 31,626;
 31,650; 31,690.
 Abolition of: 31,464; 31,683; 31,690.
 State interference in: 31,498; 31,529-30; 31,534;
 31,538.
 Suggestions re: 31,498; 31,690-3.

Machinery:

Displacement of men, by: 31,643-5.
 Safe-guarding of: 31,681.
 Stoppage of: 31,596-7; 31,604.

Output (see *Production*).

Overtime (see *Labour*).

Production:

Exports of: 31,623.
 Imports of: 31,539; 31,597; 31,623; 31,686.
 Nature of: 31,502-6; 31,510-1; 31,544; 31,597;
 31,623; 31,686; 31,693.
 Output: 31,643; 31,686-7.
 Unsatisfactory: 31,662.
 Trade, decline of: 31,495; 31,596; 31,646.

Refutations:

| | Statement. | Denial. |
|--|------------|-----------|
| Trades Unionism: | | |
| Disputes, fewer, since establishment of. | 31,452-3; | 31,551-2. |

Remedies:

Arbitration, Board of, advocated: 31,490-2; 31,496-7;
 31,580-1.
 Eight hours' day (see *subject-heading*).
 Labour Bureau, establishment of, advocated: 31,690-2.
 Overtime, restriction of: 31,498; 31,690.
 State interference in: 31,498.
 Sanitation:
 Improvement in, advocated: 31,676.
 Ventilation, improved conditions in: 31,668-9.
 Strikes, prevention of (see *subject heading*).

Sanitation:

Improved: 31,676-7.
 Improvement in, advocated: 31,676-8.
 Temperature: 31,630-9; 31,667-8; 31,676.
 Ventilation:
 Improvement in, advocated: 31,668-9.
 Unsatisfactory: 31,637.

State Interference (see *Eight Hours' Day and Remedies*).

Strikes:

Causes of:
 Overtime: 31,460-2; 31,479; 31,626.
 Refusal to admit investigators: 31,553; 31,607-8.
 Various: 31,562; 31,626; 31,629.
 Wages: 31,454-6; 31,462-3; 31,624; 31,629;
 31,660.
 Cost of: 31,626; 31,629; 31,640; 31,651, 31,655.
 Depreciated: 31,494-5.
 Important local:
 Messrs. Hirsch's: 31,624-6; 31,629-30; 31,642;
 31,650; 31,655; 31,660-2; 31,676-7.
 Messrs. Stead's: 31,629; 31,655; 31,660.
 Messrs. Turner and Blewitt's: 31,625-6; 31,629-40;
 31,660-1.
 Minor: 31,454-5; 31,478-85.
 in 1890: 31,460.
 in 1891: 31,460; 31,561-3.
 Prevention of, by:
 Arbitration, board of: 31,490-2; 31,496.
 Affiliated to Board of Trade: 31,577; 31,580-1;
 31,583.
 Joint Committees: 31,470-1.
 Hull Board of Conciliation: 31,497.
 Penalties, monetary: 31,582-9.
 Result of: 31,463-4; 31,479; 31,485; 31,661-2.

Trade Unionism:

Advantages of: 31,452-3; 31,498; 31,650.
 Employers, advocated by: 31,558-60; 31,609;
 31,612-3.
 Non-recognition of, by: 31,658.
 Expenses of: 31,626; 31,629; 31,640; 31,651; 31,655.
 Membership of: 31,443-8; 31,605-6; 31,651-5; 31,663-
 6; 31,673; 31,702.
 Reasons for none: 31,707.
 Mistakes of, alleged: 31,610-1; 31,614-6.
 Witness, connection of, with: 31,441-2.

Unemployed: 31,690-2.

Wages:

Advance in: 31,553; 31,624; 31,629; 31,642; 31,690.
 Eight hours' day and: 31,525-6.
 Legislative interference in, considered: 31,529-39.
 Rate of, average: 31,456; 31,650; 31,684-6; 31,690.
 Excessive: 31,596.
 Grinders, of: 31,456; 31,626.
 Low: 31,624.
 Messrs. Hirsch's mills, in: 31,625-6; 31,629-30;
 31,642; 31,650.
 Messrs. Stead's mills, in: 31,629; 31,661.
 Messrs. Turner and Blewitt's mills, in: 31,625-6;
 31,629; 31,661.
 Moulders, of: 31,626.
 Parers, of: 31,456.
 Pressmen, of: 31,456.
 Uniform: 31,463; 31,553.
 Varying: 31,460-2.

SHOP AND WAREHOUSE ASSISTANTS.

Witnesses:

Employed: Bartlett, Thomas (31,708-86); Davis, Richard (30,669-905 and 31,066-126); James, Rees (31,022-65); Johnson, William (30,669-905 and 31,066-126); Milligan, Kenneth (30,920-1001); O'Connor, James (33,006-78); Patterson, George William (30,906-19 and 31,066-126).

Witnesses:

Employers: Cushen, Henry (33,305-510); Langford, Richard A. (32,671-806); Trantom, Joseph (31,126-160).
Independent: Cornes, Dudley (33,511-32).

SHOPS.**Districts and places referred to:**

Aberdeen (*Aberdeen*): 30,940; 30,955; 31,000.
 Airdrie (*Lanarkshire*): 30,955.
 Birkenhead (*Lancashire*): 31,042-3.
 Birmingham (*Warwickshire*): 30,826; 31,708; 31,741
 31,765; 31,768; 31,772; 31,775; 31,781; 33,456;
 33,478-85.
 Cardiff (*Glamorganshire*): 30,731; 30,793; 30,809;
 30,811-3; 30,819-20; 30,836; 30,871; 30,901; 30,
 904-5.
 Darlington (*Durham*): 30,898.
 Dublin (*Leinster*): 33,006-78.
 Dundee (*Forfarshire*): 30,940; 31,000.
 Durham (*Durham*): 30,868; 30,889.
 Edinburgh: 30,940; 30,955; 30,958; 32,789.
 England: 30,669; 30,954; 31,067.
 Fratton (*Hampshire*): 30,749.
 Glasgow (*Lanarkshire*): 30,930; 30,940; 30,955-6;
 30,958; 30,960-3; 30,969; 30,973-95; 31,000; 32,
 790-3.
 Gosport (*Hampshire*): 30,737-9.
 Greenock (*Renfrewshire*): 30,940.
 Hamilton (*Lanarkshire*): 30,955.
 Hull (*Yorkshire*): 30,883.
 Inverness (*Inverness*): 30,955.
 Ireland: 31,785.
 Islington: 30,747.
 Kilmarnock (*Ayrshire*): 30,955.
 Kirkcaldy (*Fife*): 30,955.
 Lancashire: 30,868.
 Leicester: 30,720.
 Limerick: 31,786.
 Liverpool (*Lancashire*): 30,836-7; 30,841; 31,002-41;
 31,064; 31,127-60; 32,790-3; 33,456-8.
 London: 30,686; 30,690; 30,733-5; 30,745-8; 30,
 789; 30,832; 30,850-3; 31,080-118; 32,673; 32,683-
 4; 32,690-806; 33,444; 33,515.
 Maidstone (*Kent*): 30,747.
 Manchester (*Lancashire*): 30,669; 30,690; 30,723-8;
 30,740-2; 30,750-75; 30,783; 30,839; 30,841.
 Newport (*Monmouthshire*): 30,791.
 Northumberland: 30,868.
 Nottingham: 30,720.
 Oldham (*Lancashire*): 30,716; 30,887.
 Paisley (*Renfrewshire*): 30,940; 30,955.
 Scotland: 30,920-1001; 32,789-90.
 Sheffield (*Yorkshire*): 30,720.
 South Wales: 30,720; 30,731; 30,868; 31,067.
 Stafford: 30,720.
 Swansea (*Glamorganshire*): 30,871.
 United Kingdom: 31,784.
 Yorkshire: 30,868; 30,885.

Accidents: 31,725.

Acts of Parliament:

Factory and Workshop Act: 30,704; 30,706-7;
 30,959-61; 30,965.
 Shop Hours Regulation Act, 1886: 30,846-7; 30,915;
 31,000.
 1892: 30,705; 30,707; 30,846; 30,849-50; 30,916-
 9; 31,000; 31,025.

Allowances:

Commission on goods: 30,865; 31,074.

Apprenticeship:

Apprentices, age of: 33,057.
 Health of: 33,056.
 Wages of: 30,948.
 System of: 33,058.
 Practical abolition of: 30,700-5; 31,026.

Associations:**Of Employed:**

Grocers and Provision Dealers Employés Asso-
 ciation of Liverpool: 30,837; 31,002-5.
 Journeymen Butchers' Society, Birmingham: 31,
 708-35; 31,770; 31,783-6.
 National Union of Shop Assistants: 30,669-85;
 30,694-6; 30,734-5; 30,823; 30,828; 30,866-70;
 30,898-9; 30,907; 31,091-2; 32,776.
 National Union of Warehouse Assistants: 30,906-9;
 31,091-4.
 Purveyors' Association, Dublin: 33,063-5.

Of Employers:

Federation of Grocers Associations: 30,826;
 31,055; 33,454-6; 33,476-90.
 Liverpool and District Grocers and Provision
 Dealers' Association: 31,057; 31,127-8; 33,458-9.
 Metropolitan Grocers and Provision Dealers'
 Association: 33,305-8; 33,327; 33,457; 33,480-1.

Joint:

Early Closing Associations: 30,696-9; 30,828;
 30,890; 31,000; 33,511-4.
 Scottish Shopkeepers and Assistants' Union:
 30,920; 30,955; 31,000.
 South London Voluntary Early Closing Association:
 32,673-9.

Boy Labour:**Boys:**

Age of: 31,024; 31,746-7.
 Wages of: 30,947-8; 31,117; 31,748.
 Employment of: 31,026; 33,464-5.

Competition:

Employers, of: 30,790; 30,896-7; 30,955; 30,970;
 31,000; 31,122.
 Shops, of large and small: 30,841; 30,844.

Congresses:

Federation of Grocers' Associations:
 Birmingham, 1891: 30,826; 33,478; 33,483-90.
 London, 1892: 33,476-7.
 National Union of Shop Assistants, Manchester, April,
 1892: 30,783.

Co-operation:

Co-operative Stores and Early Closing Movement:
 30,887-8.

Councils:

County Council, London: 30,851; 30,853; 30,917.
 Town, Birmingham: 31,770.

Trades:

Cardiff: 30,875.
 Dublin: 33,042.
 Glasgow: 30,955.
 Swansea: 30,875; 30,877.

Eight Hours' Day:**Legislative:**

Advocated: 30,911-4; 31,113-4.
 Deprecated: 31,000; 31,763.
 Universal, advocated: 30,914.

Employed:

Agreements of: 30,883-6.
 Employment of:
 Change of: 30,686; 30,834-43.
 Irregular: 31,111.
 Grievances of, re:
 Hours (see *Labour*).

Employed—continued.

"Living-in system" (see *Employment*).

Sanitation (see *subject-heading*).

Wages (see *subject-heading*).

Health of: 30,773-5; 30,809; 30,962-5; 31,077; 33,382-95; 33,450.

Intellectual condition of: 30,809; 33,833; 31,119-20.

Numbers of: 30,692-3; 30,772; 30,827; 30,922-3; 30,955; 31,083-4; 31,710; 31,716; 31,776-9; 32,709; 33,009; 33,062.

Recreation of: 33,318-25; 33,450-3.

Employers:

Firms of: 30,680; 30,687; 30,764.

References given by: 30,878-81; 30,903-6; 33,412.

Rents, high, paid in Scotland by: 30,973.

Small shopkeepers: 30,758; 31,140-1; 33,011-7; 33,049-52.

Employment:

Conditions of:

Comparative: 30,830; 30,833; 30,926-8; 31,077.

In old age: 30,839; 30,973; 33,406-11.

Insanitary (see *Sanitation*).

Meals: 31,101-2; 31,116-7.

Unsatisfactory: 31,104-10.

Employment Bureau: 30,955.

"Living-in system":

Abolition of, advocated: 30,777-8; 30,800-1.

Abolition of, by State, advocated: 30,788-9; 30,801.

Evils of: 30,773-6; 30,783-7; 30,799; 30,809; 31,749-50.

In operation: 32,716; 33,073-4.

Nature of: 32,735-40; 32,785-6; 33,313-6; 33,402.

Not in operation: 30,778; 30,931.

Objections of employed to: 30,748.

Truck system, remnant of: 30,778-80.

Seasonal: 31,758-63; 32,724-6.

Trades, wholesale and retail: 30,686-91.

Fines (see *Wages*).

Friendly Societies and Relief Funds: 30,829-30; 30,955; 30,965; 31,720-1.

Inspection:

Government: 30,848; 30,916-8; 31,000; 33,069.

Local: 30,849-57; 31,000.

Insurance:

Compulsory sick, advocated: 31,000.

Labour:

Early closing movement:

Associations and: 30,955; 33,037-8; 33,042; 33,442; 33,454-6.

Church efforts and: 30,955-6.

Employers and: 30,826; 30,975; 31,131; 32,790; 33,373-5; 33,455-6; 33,467-8; 33,491-3.

Extension of, expected, 32,720-3.

In operation:

in Cardiff: 30,811-3; 30,871-6.

London: 30,871-6.

Swansea: 30,699; 32,724-31.

Legislative interference in:

Advocated: 30,793; 30,797-8; 30,807-8; 30,841; 30,826; 31,044-5; 31,051-2; 33,036; 33,075-8.

Deprecated: 31,680-6; 32,700-1; 33,317-20; 33,326; 33,398; 33,441; 33,444-5; 33,449; 33,472; 33,474-5.

Impossibility of: 33,346-71.

Labour—continued.

Local Option Bill re:

Advocated: 30,791-8; 30,955; 30,973-99; 31,000; 31,044-8; 33,053-6; 33,059.

Deprecated: 32,790-806; 33,317-20; 33,326.

Proposed Bill re: 31,053-65; 31,129-31; 31,133; 31,158; 33,461-2.

Voluntary efforts to effect early closing:

Advocated: 32,680; 32,687-700; 33,326; 33,448.

Difficulties of: 30,790; 30,793; 30,799; 30,814-8; 30,893-7; 30,901-2; 30,955-6; 32,687-90; 33,345; 33,399-401; 33,469-73.

Failure of: 30,793; 30,814; 30,819-22; 30,824-5; 30,955.

Success of: 32,770-4; 33,326; 33,371-2; 33,398; 33,472.

Witness, advocated by: 33,466; 33,469.

Working men and: 30,874-7; 30,892; 30,897; 30,901; 30,955.

Half-holidays: 30,699; 30,717-23; 30,731; 30,749; 30,764-8; 30,814; 30,900; 31,000; 31,020; 31,143-6; 33,331-3; 33,336.

Holidays: 31,142; 33,437-40.

Hours:

Average in shops:

Butchers: 31,736-44; 31,750.

Drapers: 32,710-5; 32,777-81.

Grocers and provision dealers: 31,006-24; 31,137; 33,328-58; 33,423-36; 33,495-501.

Purveyors: 33,018-35; 33,038-44.

Districts, in:

England, in: 30,710-1; 30,713-6; 30,729-32; 30,737-9; 30,741-4; 30,747; 30,754-8; 30,760-4; 30,901; 33,045-8.

London, in: 30,745-7; 32,751-6.

Manchester, in: 30,724-8; 30,724; 30,750-3; 30,759-64.

Scotland, in: 30,929-41; 30,955.

Warehouses: 30,712; 30,766.

London, in: 31,084-90; 31,099; 31,115; 31,117-8; 32,701-8.

Scotland, in: 30,928.

Hours:

Employers, of: 31,171-7; 32,768-9; 33,049-52; 33,502-10.

Legal restriction of: 30,707; 30,855-7.

Reduction of:

Attempted: 33,037-8; 33,042-4.

Effected: 30,699; 30,811-3; 32,717-9; 33,060-7; 33,340-1.

Trades union efforts and: 30,793-7; 30,805-7; 33,075.

Meal times: 30,747; 30,749; 30,775-8; 30,929; 30,955; 31,011-2; 31,021; 31,026; 31,048-50; 31,738; 32,782-4; 33,416-8; 33,432-4; 33,463.

Overtime: 30,766; 30,769; 31,022-3; 31,115-8; 31,736; 33,413-4.

Seasons of: 31,115; 32,704-7.

Sunday labour: 31,138-41.

Overtime (see under *Labour*).

Pensions:

Old age: 31,000.

Profit-sharing: 31,000.

Refutations:

| | Statement. | Denial. |
|-------------------------------|----------------------------|---------------------------------------|
| Employers: | | |
| Unfair references given by. | 30,878-81 | 33,412 |
| Employment: | | |
| Conditions of, in old age. | 30,838-40 and 30,973. | 33,405-11 |
| "Living-in system," evils of. | 33,773-6; 30,873-7; 30,809 | 32,733-4; 32,741-50; 33,312; 33,402-4 |

SHOPS.**Regulations—continued.**

| | Statement. | Denial. |
|-----------------------|------------|------------|
| Labour, hours of: | | |
| Meal times not fixed: | 31,026; | 33,416-8. |
| Mr. Langford's shop, | 33,713-5; | 33,515-32. |
| in. | | |
| Shop assistants: | 30,710; | 32,775-81; |
| | 30,714-5; | 32,787-9; |
| | 30,729-64. | |
| Stock taking, of: | 31,022; | 33,413-4. |
| Wages: | | |
| Fines, excessive: | 30,858-66; | 33,419-22. |

Relief Funds (see under *Friendly Societies*).**Remedies:**

- Acts of Parliament, amendments of, advocated:
- Franchise Act: 31,000.
- Employed:
- Agreements to be made illegal: 30,886.
- Certificate, medical, necessary for heavy work: 30,965.
- Certificate of efficiency necessary for minimum wages: 31,000.
- Indentures for apprentices, advocated: 31,000.
- Employers:
- Abolition of Law of Hypothec, advocated: 30,968-73; 31,000.
- Incidence of taxation, re-arrangement of, advocated: 31,000.
- Rent Court or Appeal Court, establishment of, advocated: 31,000.
- Employment:
- Abolition of "Living-in system," advocated: 30,777-8; 30,788-9; 30,800-1.
- Inspection advocated: 30,848-52; 30,917-8; 31,000; 32,746.
- Insurance, compulsory, advocated: 31,000.
- Labour, hours of:
- Early closing legislation *vs*, advocated: 30,791-8; 30,797-8; 30,955; 30,973; 30,996-9; 31,044-8.
- Eight hours' day (see *subject-heading*).
- Limitation of, advocated: 31,126.
- Meal times, lengthening of, advocated: 30,777-8.

Sanitation:

- Heat, excessive in shops: 30,773.
- Insufficient accommodation: 30,956-61; 31,026-43; 31,147-51; 33,068; 33,070-2.
- Slaughter-houses, insanitary conditions of: 31,764-74.
- Ventilation:
- Bad in shops: 30,774-6.
- Bad in warehouses: 31,111; 31,118.

State Interference (see *Eight Hours' Day and Remedies*).**Strikes:**

- Impossibility of: 31,000.
- None: 30,889-91.
- Prevention of, by State interference advocated: 31,124-6.

Trade Unionism:

- Employers, attitude of, towards: 31,094; 31,112; 31,120; 31,730; 31,735; 31,783.
- Membership of: 30,672-5; 31,004-5; 33,063.
- Organisation, cause of, imperfect: 30,381-2; 30,837; 31,112; 31,120; 31,122.

Unemployed:

- Cause of: 31,758-62.
- Number of: 30,973; 31,759.

Wages:

- Average:
- Butchers, of: 31,745.
- Drapers, of: 31,070-4.
- Grocers and provision dealers, of: 31,026; 31,134-5.
- Shops in England, in: 31,066-74; 31,077-9.
- Shops in Scotland, in: 30,942-52.
- Warehouses, in: 31,090; 31,100-2; 31,109; 31,117-8.
- Fines: 30,809.
- In drapery trade: 30,858-66; 31,075-6; 33,419-22.
- Overtime: 31,739; 31,116-8.
- Payment of: 31,136; 31,152-6; 31,159-60.

Women's Labour:

- Apprenticeship in millinery trade: 30,702-5.
- Girls, service in shops preferred by: 30,967-8.
- Women:
- Health of: 30,962; 30,965.
- Hours of, in bakers' shops: 30,929.
- Legal restriction of: 30,705; 30,707-9.
- Number of, in shops: 30,770-2; 30,929; 30,938; 30,955.
- Wages of, in bakers' shops: 30,929.
- Shops: 30,949-50; 30,952.

SILK.**SILK.****Witnesses:**

- Employed*: Beaver, James H. (9888-900); Drew, William Henry (5391-92, 5463-70 and 5545-49); Hopkinson, Andrew (5258-63 and 5334-46).
- Employers*: Hadwen, Fred Walter (6923-7071); Simmons, E. (15,252-292).

Districts and places referred to:

- Bellagio (Italy): 6926-7.
- Bradford: 5340; 5391-2.
- Como (Italy): 6926-7.
- Coventry: 15,255.
- France: 15,255; 15,286.
- Germany: 15,255; 15,284; 15,287.
- Halifax: 6923; 6927; 9889; 9900.
- Italy: 6928.
- Kebroyd (Yorkshire): 6923.
- Lancashire: 6942.

Districts and places referred to—continued.

- Lancaster: 6965.
- London: 6985; 15,255-6; 15,269; 15,275; 15,281-3.
- Macclesfield: 7007.
- Manchester: 15,269; 15,276.
- Manningham (Yorkshire): 5464; 5469; 5545.
- Nottinghamshire: 15,255.
- Paris: 15,277; 15,284; 15,288-90.
- Saltaire (Yorkshire): 5391.
- Switzerland: 15,288.
- Yorkshire: 5469; 6963.

Acts of Parliament:

- Factory and Workshop Act: 15,268.
- Merchandise Marks Act: 15,275.

Apprenticeship: 6932.

Associations :

Dressers' Union : 6959.

Boy Labour :

Number of boys : 6944 ; 7051.

Child Labour and Half-time System :

Half timers : 6941 ; 6944.

Piecers : 6940-1 ; 6944.

Competition :

Foreign : 6984 ; 6987 ; 7025 ; 7032 ; 7034 ; 15,286-7.

Home : 7066.

Eight Hours' Day :

Deprecated : 15,272.

Employed :

Character of : 6995.

Classification of : 5258 ; 6240 ; 6944-5.

Discipline of : 7039-40.

Number of : 6931-2 ; 7035 ; 7051 ; 15,256.

Relations of, with employers : 6960 ; 7023-7 ; 7053-4 ; 7067-71.

Sub-contractors : 6940 ; 15,275.

Employers :

Firms and mills :

Hadwen and Sons, Kebroyd : 6924 ; 6930 ; 6964.

Lister's : 5392 ; 5464 ; 5469 ; 6966-7 ; 6970-5 ; 7064 ; 7066.

Number of : 5392 ; 6963 ; 6996 ; 9896 ; 9900.

Salt's : 5392.

Thomson, Lancaster : 6965.

Magistrates, conduct of : 7041-5.

Employment :

Classification of : 5260 ; 5338 ; 6925 ; 6933-4 ; 6951-3 ; 6967-8 ; 6976 ; 6982-3 ; 7033 ; 9888-95.

Comparison of : 5338 ; 6998-9 ; 7002.

Conditions of :

Healthy : 7002-6.

Irregular : 15,258-9 ; 15,262 ; 15,264-7.

Regular : 6946-8.

Unhealthy : 9896-9.

Fans and blowers, use of : 9899-900.

Home work : 15,268.

Piece-work : 6939.

Sub-contract system : 6940.

System of working : 5337-40 ; 6990-4 ; 7018-9 ; 15,254.

Fines (see under Wages).**Half-time System (see under Child Labour).****Inspection :**

Inspectors :

Increase of, advocated : 15,268.

Prosecutions by : 7,045-7.

Women, advocated : 15,268.

Working men as : 15,268-9.

Labour :

Hours of : 6950 ; 15,272.

Overtime : 6951 ; 7045 ; 7047.

Necessity for : 15,273-4.

Seasonal : 15,258-9 ; 15,262 ; 15,264-7.

Machinery : 15,254.**Overtime (see under Labour, Wages).****Production :**

Bellagio and Como Rugs, of : 6926-9.

Comparison of : 6988.

Export of : 6985-6.

False marking of : 15,277 ; 15,281 ; 15,284 ; 15,290.

Fashion, effect of, on : 15,259 ; 15,265-7 ; 15,289-90.

Foreign : 15,288-90.

Importation of : 15,255.

Lace, of : 6935.

Plush, of : 5258 ; 5260 ; 5340 ; 5391-2 ; 5465 ; 6935 ; 6968 ; 6976 ; 7066.

Prices, comparison of : 6989-90.

Silk trimmings, of : 15,254 ; 15,263.

Varieties of : 7007-9 ; 7066.

Velvet, of : 5391-2 ; 5465.

Remedies :

Improvement of social condition of employed, advocated : 7053.

Inspectors, increase of, advocated : 15,268.

Marking of articles with maker's name, advocated : 15,275-84.

Sanitation :

Satisfactory : 6954-6 ; 7058-63.

Unsatisfactory in small workshops : 15,270-1.

Strikes, Lock-outs, and Disputes :

Individual : 5463-70 ; 5545-8 ; 6966 ; 6970-4.

None in Kebroyd : 6957-8 ; 7053 ; 7056.

Sub-contract System (see under Employment).**Sweating System : 15,275.****Truck System (see under Wages).****Wages :**

Average : 5342-3 ; 5391-2 ; 5548 ; 6936 ; 6944 ; 7011-5 ; 7030 ; 9896.

Boys, of : 6944.

Children, of : 6944 ; 15,260.

Comparison of : 5335-6 ; 5341-6 ; 5391 ; 6969 ; 6975 ; 6980-2 ; 6997 ; 7000-1.

Fines : 6943 ; 7036-8 ; 7055.

Mode of fixing : 6977-80.

Mode of payment : 6937-8 ; 7020-2.

Overtime : 5548 ; 7057.

Reduction of : 5466-70 ; 5546-7 ; 5549 ; 6960-2 ; 6971-4 ; 7023-35 ; 7052 ; 7056 ; 7064-6.

Effect of : 5469 ; 7052 ; 7065-6.

Truck system : 6949.

Women, of : 5344-5 ; 6944 ; 15,258 ; 15,261-2.

Women's Labour :

Comparison of, with men's : 5261-3.

Hours of : 15,272.

Nature of : 5258-60 ; 5334 ; 5337-40 ; 6944-5 ; 7017 ; 15,254.

Number of employed in : 5258 ; 6932 ; 15,256 ; 15,291.

STRAW
PLAITING.

STRAW PLAITING.

Witness :

Employed: Cuthbertson, Adam (15,214—15,251).

Districts and places referred to :

Buckinghamshire: 15,217; 15,236; 15,246.
 China: 15,217-8.
 England: 15,217.
 Essex: 15,217.
 London: 15,218.
 Luton (*Bedfordshire*): 15,214; 15,217; 15,225;
 15,228; 15,232; 15,241; 15,243; 15,245; 15,251.
 Nottinghamshire: 15,249.
 United Kingdom: 15,241.

Acts of Parliament :

Factory and Workshop Act: 15,233; 15,239.
 Truck Act: 15,223.

Associations :

Of employed: 15,215; 15,283; 15,230; 15,241-2;
 15,244.

Child Labour : 15,234; 15,250.**Commissions :**

Sweating: 15,241.

Competition :

Foreign: 15,217; 15,237.

Councils :

Chamber of Commerce: 15,225.

Employed :

Classification of: 15,234; 15,250.
 Number of; 15,217; 15,243; 15,250-1.
 Trade Union, apathy of, *re*: 15,242; 15,244.
 Formation of, proposed by: 15,228; 15,244.

Employers :

Effect of depression of trade on: 15,230.
 Middlemen: 15,217-24.
 Plait merchants: 15,217.

Employment :

Decrease of trade: 15,217-8; 15,225; 15,227-9;
 15,234-9; 15,249.
 Effects of: 15,225; 15,238.
 System of working: 15,217-22; 15,248.

Inspection :

Increase of, advocated: 15,232-3.

Machinery :

Effect of: 15,225-8.

Production :

China plaiting: 15,217-8.
 Hats, of: 15,218-9; 15,226; 15,228; 15,248.
 Lace used for hats, of; 15,249.

Remedies :

Organisation, advocated: 15,228; 15,240.
 Technical school system: 15,225.
 Workshop Act, extension of, advocated: 15,232-3;
 15,239.

Sanitation :

Unsatisfactory: 15,232.

Sweating System : 15,217-24.

Amount of sweating: 15,241.
 Effect of, on employed: 15,236-7.

Wages : 15,225; 15,228.

Comparison of: 15,228.

Deductions: 15,224.

Women's Labour (see under *Employed, Employment, Wages*).

TAILORING.

TAILORING AND READY-MADE CLOTHING TRADE.

Witnesses :

Employed: Bune, John (9515-39); Gall, Thomas (33,228-283); Hogan, John (16,520-610); Hollings, John (33,228-283); Keir, George (14,588-881); Marston, William (9338-514); O'Reilly, Charles, and Simmons, John (16,235-519).

Employers: Allen, John (14,151-269); Gordon, John (15,293-434); Meggitt, Elijah (33,284-304).

Independent: Beckworth, William (15,495-15,643).

Districts and places referred to :

Aberdeen (*N.B.*): 14,762.
 America: 9487; 9503; 9506.
 Australia: 9487.
 Austria: 9510.
 Belfast (*Ireland*): 14,650.
 Birmingham (*Warwickshire*): 14,635; 14,761; 33,245.
 Canada: 9503.
 Dublin: 14,635; 14,650; 14,762; 33,267.
 Dundee (*N.B.*): 14,762.
 Glasgow (*N.B.*): 33,267.
 Halifax (*Yorkshire*): 33,287.
 Hull (*Yorkshire*): 14,706.

Districts and places referred to—continued.

Ipswich (*Suffolk*): 14,707.
 Leeds (*Yorkshire*): 9356; 9396; 9450; 9453; 9483; 9510; 9512; 14,760; 15,503; 15,515; 15,519; 15,524; 15,527.
 Lisburn (*Ireland*): 14,637.
 Liverpool: 14,186; 14,191; 14,798; 33,258; 33,285.
 London: 14,171-3; 14,598; 14,620; 14,635; 14,754; 14,760-1; 33,237; 33,239-40; 33,252; 33,267.
 Manchester (*Lancashire*): 14,620; 14,635; 14,761; 15,355; 15,427; 33,245; 33,296.
 Newcastle (*Northumberland*): 14,635; 14,650.
 Nottingham: 14,742.
 Plymouth (*Devon*): 33,267.
 Rugby (*Warwickshire*): 14,761.
 Scotland: 14,650; 33,267.
 Sheffield (*Yorkshire*): 14,739; 14,742; 14,744; 14,761; 14,836; 14,846; 14,864; 15,311; 15,316a; 33,274.
 Southport (*Lancashire*): 14,739; 14,742; 14,857; 15,331-2; 15,334.
 South Wales: 14,761.
 Sunderland (*Durham*): 14,635.
 United Kingdom: 14,595.

Acts of Parliament :

Conspiracy and Protection of Property Act, 1875 :
9405; 9412; 9414-7; 9422; 9427-39; 14,766-76;
14,779-80; 33,267; 33,277.
Factory and Workshop Act, 1867, 1878-91: 9390;
9467; 14,180-3; 14,185; 14,636; 14,639; 14,669;
14,671; 14,674; 14,781; 33,267; 33,294.
Trades Union Act, 1871: 9426.

Apprenticeship :

Apprentices :
Large towns, in, none : 14,636-7; 15,431-3; 33,300.
Number of : 14,637.
Wages of : 14,662-8.
System of : 14,657-63.

Arbitration and Conciliation :

Arbitration :
Boards of, past : 14,739-41; 14,829.
Present : 9381-2; 33,241.
Offered : 33,269.
Refused : 14,196; 14,246; 14,856; 15,311; 15,316;
15,332; 33,269; 33,271; 33,285; 33,288.
Resorted to : 15,332-4.
State, deprecated : 9365-70; 9494; 9498-502.
Voluntary, advocated : 9361-4; 9493-7; 14,826;
14,860-3; 15,311; 15,335; 15,395; 33,270.
Deprecated : 14,827.
Associations and : 14,197; 14,246; 14,714-6; 14,739;
14,741; 14,826; 14,829-32; 14,855-6; 15,311;
15,332-6; 33,241; 33,269-71; 33,285.
Awards of :
Accepted : 14,860; 15,333; 33,299.
Enforcement of : 14,829-39; 14,857.
Issued ; 14,857-60; 15,333.
Repudiated : 14,739; 14,829; 14,833-4; 14,857.
Conciliation, boards of :
Advocated : 9361; 9479-81; 15,311; 15,328-9.
Chambers of Commerce, in connexion with, advo-
cated : 15,354; 15,370; 15,414.
Individual : Leeds : 9338-60; 9475-8.
Resorted to : 33,270.
State, deprecated : 9478-80.
Conciliation, compulsory, advocated : 14,216-9;
15,352-5; 15,370.
Employers and : 14,216; 14,827; 15,328; 15,335;
33,269.
Joint committee : 14,196-8.
Resorted to : 14,196.
Umpire :
Advocated : 15,330-1.
With assessors : 14,217.

Associations :

Of Employed :
Amalgamated Society of Tailors : 9374; 14,155;
14,191; 14,193-7; 14,254; 14,261; 14,267;
14,588; 14,598; 14,654; 14,717-8; 14,722; 14,725;
14,727; 14,733; 14,735-40; 14,828; 14,831;
14,841-2; 14,853-6; 14,860; 14,869-71; 15,297;
15,355-6; 33,274; 33,277; 33,300.
National Federated Foremen Tailors : 14,869;
15,303.
Of Employers :
Federation of Masters Associations : 15,299-300.
Master Tailors' Association of Great Britain and
Ireland : 14,152-5; 14,175-7; 14,183; 14,191-2;
14,194; 14,197; 14,242; 14,244; 14,246; 14,267;
14,650-4; 14,669; 14,717-8; 14,724; 14,731;
14,733; 14,735-40; 14,828-39; 14,851-7; 14,860;
14,869; 14,871-5; 15,293-316; 15,338a; 15,353-5;
15,362; 15,401; 15,549; 33,272; 33,277; 33,285;
33,288; 33,300; 33,303.

Black List :

Action against employer, re : 14,708-13; 33,277.
Issue of, by employed : 33,291.
Employer, by ; 14,708; 14,864; 33,277; 33,287.

Boy Labour :

Boys, training of, in industrial schools : 33,300-2.
Employment of : 14,182; 14,808.
Machinery, effect of, on : 15,433.

Capital : 14,194.**Competition :**

Foreign, danger of : 14,193.
Home : 14,262; 15,338.

Conferences :

Associations, Master Tailors, of : 15,299; 15,302.
Triennial, of Amalgamated Society of Tailors :
14,246; 14,780-1.
(See also under *Arbitration and Conciliation*.)

Congress :

Trades Union : 14,781.

Co-operation :

Associations and : 14,742; 14,841-2.
Co-operative societies : 14,742; 14,755-9; 14,841-9;
14,864; 33,281-3.
Capital of : 14,745.
Development of : 14,849.
Failure of : 14,753.
Profits of : 33,281.
Wages paid by : 14,747-9.

Councils :

Chambers of Commerce : 15,354; 15,369-70; 15,414.
Dublin : 16,352.
Leeds : 9342; 9344; 9476.
Manchester : 15,515.
Town : 14,261.
Dublin : 16,308; 16,352.
Liverpool, investigation of, as to sweating : 14,191;
14,261.
Trades : 14,256.
Dublin : 16,308; 16,325; 16,351.
Leeds : 9344; 9351.

Eight Hours' Day :

Action re, none : 15,519.
Legislative, deprecated : 9402-3; 16,305.
Voluntary, advocated : 9404.

Employed :

Age of : 33,300.
Character of : 14,251; 14,689-91; 15,380-9; 15,642.
Demand and supply of : 15,432-3.
Dismissal of : 9376; 33,277.
Foreign labour (see *Foreign Labour*).
Number : 9396-8; 14,187; 14,193; 14,199-200; 14,637;
14,808-10; 15,423-4; 15,505; 33,281-2; 33,300.
Relations of, with employers : 14,175-6; 14,197;
14,243-4; 14,714; 14,717-8; 14,724-40; 14,828-9;
14,831-2; 14,840; 14,853-60; 14,869-71; 14,874-8;
15,302-3; 15,311; 15,334-6.
Witness, experience of : 9371-4; 9534; 14,655-7.

Employers :

Arbitration and (see *Arbitration*).
Foreign labour, importation of, by : 9450; 9509-11;
15,641.

TAILORING.

Employers—continued.

Sanitation, and (see *Sanitation*).
 Trade Unionism :
 Legal proceedings with: 14,193-4; 14,211-6;
 14,223; 33,258-62; 33,277.
 Recognition of, by: 14,175.
 Witness, experience of: 14,151-2; 15,293-4; 15,363
 -5; 15,416-7; 15,501; 33,284-5.

Employment:

Classification of materials: 15,334.
 Conditions of :
 Different shops, in: 9377-9.
 Irregular: 14,794; 15,338-8a; 15,386.
 Regular: 15,520-2.
 Tailors' shops, in: 14,685; 14,687; 15,340-2;
 33,267; 33,298; 33,303-4.
 Division of labour (Continental system): 9456-9;
 14,192; 14,258; 14,261; 14,624-34; 15,619; 33,296.
 Government contracts: 14,806-7.
 Nature of: 14,657-8.
 Out-work: 9388-9; 14,193; 14,238-41; 14,258;
 14,781; 15,407-13; 15,621-7; 16,309; 33,267;
 33,277; 33,291-6; 33,299.
 Associations, and: 14,193; 14,238-9; 14,256-61;
 14,781; 15,316; 33,267-9; 33,271; 33,277;
 33,291.
 Piece-work: 9373; 14,156-61; 14,248-51; 14,600-10;
 16,245; 33,299.
 Associations and: 14,600-10.
 "Season trade": 14,241; 14,641-4; 16,301-4.
 Sub-contract, system of: 14,189-91; 14,262; 14,617-
 24; 33,244-57; 33,288; 33,298-9.

Foreign Labour :

Competition of, with English workmen: 9398-9;
 14,693; 14,805; 15,641.
 Effect of: 9398.
 Government contracts given to: 14,806.
 Immigrants :
 Character of: 15,642.
 Comparison of, with English workmen: 14,693;
 14,695-700; 15,642.
 Condition of: 9506; 14,693; 14,705-7; 14,781;
 15,641.
 Condition of workshops of: 15,625-7.
 Hours of: 15,541; 15,620.
 Nationalty of: 9399-400; 9510; 14,695-9.
 Nature of employment of: 15,529-30; 15,534-8.
 Number of: 9398; 9453-5; 9482; 14,692-3; 15,527
 -8; 15,617; 15,641; 33,300.
 System of working of: 15,619.
 Training of: 14,693.
 Wages of: 14,693-4; 15,539-40; 15,617-9; 33,299.
 Immigration, no objection to: 9401; 9491; 9505;
 14,188; 14,803; 14,805; 15,544.
 Importation of: 9398; 9488; 9506; 9509-11; 14,693;
 15,641.
 Pauper immigration :
 Definition of: 9449; 9487; 14,705.
 Effect of, on trade: 9450-2; 14,188; 14,693; 15,534;
 15,545-7; 15,643.
 Wages, on: 9484-5; 9492; 9508-9; 14,693;
 14,802-5; 15,531-3; 15,643.
 Objections to: 9448; 9451-2; 9492; 14,701; 15,618.
 Restriction of: 9487; 9503; 9506.
 Advocated: 9401; 9486; 9503; 9507-8; 14,188;
 14,693; 14,701-4.
 Effect of: 9503.
 System of: 9450; 9504; 9506; 14,693; 14,705-7;
 15,641.
 Refugees: 9489-91.

Inspection :

Associations and: 14,781-2.
 Home workshops, of: 15,343; 15,407-11; 15,625.
 Increased, advocated: 9391; 14,183; 14,781.
 Inefficient: 14,669.
 Inspectors :
 Complaints to: 9463-5.
 Increased powers for, advocated: 9393-5.
 Powers of, re sanitation: 14,185-6; 14,670-81.
 Visits of: 14,180.
 Women, advocated: 9392; 9395; 9460-74.
 Insufficient: 14,183.

Joint Committees (see *Arbitration*).**Labour, Hours of :**

Foreign workmen, of: 15,541; 15,620.
 Irregular: 14,635; 14,641; 14,794.
 Overtime: 14,647-9.
 Payment for (see *Wages*).

Machinery :

Boy labour, displacement of, by: 15,433.
 Hostility of employed to: 33,296.
 Provinces, use of, in: 14,657.
 Women, employment of, on: 15,311.

Overtime (see under *Labour*).**Picketing and Intimidation :**

Cases of: 14,221; 15,355-6; 15,390-4.
 Law re: 14,220-7; 14,766-73.
 Amendment of, advocated: 9405; 9412-28; 14,228-
 37; 14,774-80; 15,355; 15,390; 33,267.
 Legal proceedings re: 9412-5; 9418; 9429-39;
 14,768-73; 14,777; 15,357-61; 15,420-1; 33,267.
 Decisions in: 9419; 9421-5; 9429; 33,267.
 Unions, by: 14,221; 15,355-6.

Production :

Cost of: 14,693; 33,287.
 Nature of: 15,501-3; 15,535-8.
 Police clothing, manufacture of: 14,261; 33,274-5.
 Trade :
 America, with: 14,201-10.
 Development of: 15,515.
 Export: 15,344-6; 15,516-7.
 Introduction and development of, by foreign work-
 men: 14,188; 15,534; 15,545-7; 15,643.

Refutations :

| | Statement. | Denial. |
|--|------------|--------------------|
| Arbitration : | | |
| That the Amalgamated Society of Tailors insists on disputes being submitted to arbitration. | 14,714 | 15,311; 15,335. |
| That the Master Tailors' Association rejected the member of the Liverpool Arbitration Board nominated by the employed. | 33,270 | 33,285. |
| That some firms did not accept the decision on the Liverpool lock-out. | 33,272 | 33,285-7. |
| Employed : | | |
| That members of the Amalgamated Society of Tailors will not make police clothing. | 14,261 | 33,274. |
| Employers : | | |
| That employers cannot get security for costs in actions against employed. | 14,211-2 | 33,258-62. |

Refutations—continued.

| | Statement. | Denial. |
|---|------------------------------------|--------------------|
| That Mr. Gordon had a workshop in Manchester. | 15,416-7 | 33,264-7. |
| That Mr. Gordon had no workshop in Manchester. | 33,264-7; | 33,288. |
| Employment: | | |
| That piece-work is supported by the Amalgamated Society of Tailors. | 14,252-4 | 33,262. |
| Foreign labour: | | |
| That foreigners are imported in order to reduce wages and injure English workmen. | 9459; 9488; 9492; 9506-11 | 15,641. |
| Picketing and intimidation: | | |
| That members of the Amalgamated Society of Tailors dare not speak to a fellow-workman in time of dispute. | 14,766 | 15,355; 15,390. |
| Sanitation: | | |
| That men and women work crowded together in shops. | 33,267 | 33,303-4 |
| Sweating system: | | |
| That out-work does not imply sweating. | 14,190-1 | 33,244-54 |
| That no cases of sweating have been reported by the employed. | 14,191 | 33,254-7 |
| Wages: | | |
| That the Amalgamated Society of Tailors is not in favour of a national time-log. | 14,155-6 | 33,233-6 |
| That the London log was forced on the employers. | 14,171 33,287 | 33,239-43 |
| That a time-log was prepared without the co-operation of the Amalgamated Society of Tailors. | 14,718 | 33,288-9 |
| That log prices are paid for police clothing in Sheffield. | 33,274 | 33,287. |

Relief Funds :

Trades Unions, infection allowance of: 9388-9; 33,267.

Remedies :**Acts of Parliament :**

Conspiracy and Protection of Property Act, amendment of, advocated: 9405; 14,774; 14,780; 33,267; 33,277.

Arbitration and conciliation, compulsory, deprecated: 14,216-9; 15,352-5; 15,370.

Boy labour: boys, training of, in industrial schools, improved method of, advocated: 35,299-302.

Employment :

Workshops, registration of home, advocated: 33,296.

Provision of, by employers, advocated: 14,781; 33,267.

Separate, for men and women, advocated: 33,267.

Foreign labour :

Exclusion of, deprecated: 14,701.

Restriction of pauper immigration, advocated: 9401; 9486; 14,701.

Friendly societies: clubs, removal of, from public-houses advocated: 15,378.

Inspection: Registration and inspection of all premises used as workshops, advocated: 14,781; 33,296.

Inspectors :

Increased number of, advocated: 14,183; 14,781.

Women, advocated: 9392; 9395; 9460-2; 9468-9; 9472-4; 14,781.

Working-men, advocated: 9392; 14,781.

Picketing and intimidation: picketing, suppression of, advocated: 15,355; 15,390.

Sanitation :

Associations and: 14,179; 14,669; 14,682-3; 14,688.

Employers and: 14,179; 14,669; 14,688.

Improved: 9384-5; 14,179.

Satisfactory: 9383; 14,262; 15,627.

Unsatisfactory: 9383; 14,178-9; 14,669; 14,684-7; 15,340-3; 33,267; 33,296; 33,303-4.

State Interference (see *Eight Hours' Day and Remedies*).

Strikes, Lock-outs, and Disputes :

Black list in connexion with: 14,864.

Causes of: 15,301; 15,311; 16,305-6; 16,533-5; 33,268-9; 33,271; 33,277.

Cost of: 14,818.

Duration of: 15,332; 33,271.

Important local:

Dublin, 16,305.

Limerick, 1887: 16,530-9; 16,605-10.

Liverpool, 1891: 14,221; 33,268-72; 33,285-8; 33,291.

London, 1891: 14,171; 14,818; 33,287.

Manchester: 15,390.

Sheffield: 14,739; 14,829; 14,856; 13,872; 14,880-1; 15,311-21; 15,372; 33,277; 33,287.

Southport: 14,739; 14,829; 14,856-60; 15,331-3.

Importation of labour during, 33,285.

Picketing and intimidation during: 14,221; 15,355-6; 15,390-4.

Prevention of: 9342; 9382; 17,714-6; 15,354; 15,366-70.

Result of: 14,815-6; 15,332-3; 16,608; 33,270.

Settlement of: 14,818-20; 14,739; 14,829; 15,312-6; 15,322-3; 33,270.

Time log, dispute *vs*: 14,717-36; 14,777; 14,850-3; 15,302-3; 33,288-91.

Sub-contract System (see *Employment*).

Sweating System :

Associations and: 14,191; 14,256-7; 33,255-7.

Cases of: 14,693; 33,299-7.

Not reported by employed: 14,191; 14,781; 33,255-7; 33,287.

Definition of: 14,618-24; 33,295.

Existence of, alleged: 14,189-91.

Investigation into: 14,191; 14,261.

Middlemen:

Character of: 14,262; 14,617-8; 33,250-2.

Combination of: 14,193; 14,211.

Employment of, in provinces: 14,190; 33,245.

Necessity for: 14,262.

Profits of: 14,618.

Objections to, 14,256-7.

Trade Unionism :

Arbitration and (see *Arbitration*).

Benefit funds of (see *Relief Funds*).

Classification of materials, and: 15,334.

Complaints against: 14,175; 14,193.

Conspiracy and Protection of Property Act, and: 14,780.

Co-operation, and (see *Co-operation*).

Employers:

Legal proceedings with: 14,193-4; 14,211-6; 14,223; 33,258-62; 33,277.

Recognition of, by: 14,175.

Executive, control of, over members: 14,871; 14,879-81.

Financial position of: 14,193.

Inspection, and (see *Inspection*).

TAILORING.

Trade Unionism—continued.

Non-members and unionists:
 No interference with: 14,865.
 Proportion of: 14,595-7.
 Refusal to work with: 14,193; 33,285.
 Outwork, and (see *Employment*).
 Picketing and intimidation, and (see *Picketing and Intimidation*).
 Piece-work, and (see *Employment*).
 Sanitation, and (see *Sanitation*).
 Shop stewards: 14,193.
 "Sweating," and (see *Sweating System*).
 "Time log," and (see *Wages*).
 Unionists, number of: 14,594; 14,598.
 Wages, and (see *Wages*).
 Witness, connection of, with: 9374; 14,588-90;
 14,593; 32,228-32.
 Women's labour, and (see *Women's Labour*).

Wages:

Advance in: 14,860.
 Associations, action of, *re*:
 Of employed: 14,252-4; 14,261; 14,600-15;
 14,807; 14,823; 14,867; 33,262; 33,296; 33,300.
 Of employers: 15,338a-9; 15,349.
 Average rate of: 14,156; 14,169; 14,267; 14,797-9;
 15,375-6; 15,403-5; 15,539; 14,617-8; 33,237-8;
 33,296-9.
 Trainers, of, in industrial schools: 33,300-2.
 Daily payment of: 14,619; 14,825.
 Difference in: 9377-80; 14,169; 14,263-5.
 Division of labour, effect of, on: 14,192; 33,296-9.
 Foreign immigration, effect of, on: 9484-5; 9509-10;
 14,693; 14,803-5; 15,531-3; 15,544; 15,641.
 Government and municipal work, trade union rate of,
 in: 14,760-5; 14,807; 14,866-8.
 Government work, for: 14,807-11.
 Irregularity in: 14,251; 15,338.
 Overtime, payment for: 14,645-53.
 Payment of:
 Per day: 33,299.
 Per hour: 14,156; 14,169; 33,237.
 Advocated: 15,349.

Wages—continued.

Per week: 15,375; 33,296.
 Advocated: 14,247; 14,251-2; 14-255; 33,296.
 Objections to: 14,247-8; 14,252-4; 14,600;
 14,823; 33,262-3; 33,296; 33,302.
 Piece-work: 15,376; 33,296-9.
 Sub-contractor, payment of, by: 14,617-9; 33,299.
 Time log for: 14,156-61; 14,171; 14,247-51; 14,263-
 7; 14,611-2; 14,747-8; 14,860; 33,237.
 Associations, attitude of, *re*:
 Of employed: 14,155; 14,717-36; 14,860;
 14,869-78; 15,302-3; 33,285-7; 33,239-41;
 33,285; 33,287-91.
 Of employers: 14,155; 14,168-9; 14,717-38;
 14,854; 15,301-3; 15,349; 33,287-91.
 Dispute *re*: 14,717-36; 14,777; 14,850-3;
 15,302-3; 33,288-91.
 National time log:
 Advocated: 14,155; 14,162-9; 15,301-2;
 15,349; 33,235-7; 33,287.
 Deprecated: 33,287.
 Weekly payment of: 14,821; 14,824.
 Women, of (see *Women's Labour*).
 Women's labour, effect of, on: 14,800-2; 33,267.

Women's Labour: 16,531-41; 16,605-10.

Advocated: 15,371.
 Associations and: 14,193; 15,311; 15,316; 15,371-2;
 15,422-30; 33,267; 33,277.
 Disputes *re*: 15,311-5; 16,531-9; 16,606-8; 33,277;
 33,287.
 Effect of: 15,406.
 Wages, on: 14,800-2; 33,267.
 Home work, and: 14,240.
 Nature of: 9397; 9482; 14,240; 15,311; 15,316a-8;
 33,277.
 Objections to: 14,193; 15,311; 15,316; 15,321-5;
 15,422-30; 16,534-41; 16,605-6; 33,267.
 Separate workshops for, advocated: 33,267.
 Women:
 Competition of, with men: 14,800-2; 15,406
 33,267; 33,277.
 Number of: 9396-7; 9482-3; 14,808-10; 15,311;
 15,423-4; 33,300.
 Wages of: 33,267; 33,277.

UPHOLSTERY

UPHOLSTERY.

Witness:

Employed: Mears, Elizabeth Amy (8027-8121).

Place referred to:

London: 8027; 8034; 8061.

Acts of Parliament:

Factory and Workshop Act: 8039-41; 8085; 8119;
 8121.

Associations:

Upholsterers' Union: 8058; 8082-3.
 Upholstresses Union: 8029-31; 8042; 8050; 8095;
 8108.

Child Labour: 8027.**Competition: 8108.****Councils:**

Trades: 8083.

Employed:

Age of, 8071.
 Demand and supply of: 8042; 8049.
 Number of: 8032; 8036-7; 8043-4.

Employers:

Firms: 8036.
 Gillows: 8101.
 Gregory: 8047; 8103.
 Johnston and Jeannes: 8028; 8058.
 Maple: 8050.
 Trollope: 8049.

Employment:

Conditions of:
 Healthy: 8066.
 Irregular: 8044; 8050; 8060-1.
 Decrease in: 8032.
 Home-work: 8097.
 Piece-work: 8098; 8100.

Fines (see under *Wages*.)**Inspection :**

Inefficient: 8039.

Inspectors:

Complaints to: 8066-70; 8120.†

Visits of, 8039; 8070-1: 8117.

Women, advocated: 8062-3; 8074-5; 8091-3;
8110-2.

Deprecated: 8115.

Labour :

Holidays: 8103.

Hours of: 8033; 8047; 8052.

Fluctuations in: 8050-1.

Meal times: 8023.

Night-work: 8035: 8053-6.

Overtime: 8033-5; 8042; 8053-6; 8085-9.

Abolition of, advocated: 8059-60.

Decrease of: 8104-6.

Result of opposition to: 8033; 8059; 8107.

Seasonal: 8034; 8053; 8061; 8099.

Sunday: 8097.

Machinery :

Effect of: 8032; 8044.

Sewing machines: 8045-6.

Overtime (see under *Labour*.)**Production :**

Infection carried by materials used in: 8072.

Varieties of: 8032.

Sanitation :

Improvement of, advocated: 8069-72.

Unsatisfactory: 8066.

Strikes :

None amongst upholstresses: 8057.

Upholsterers: 8058.

Trade Unionism :

Number of unionists: 8081; 8081-2; 8096.

Objection of women to joining men's unions: 8083-4.

Objections to: 8050; 8108.

Wages : 8032; 8047; 8049; 8099-100; 8103.

Comparison of: 8102.

Fines: 8101; 8106,

Mode of fixing: 8048.

Women's Labour : 8027-8.Women Commissioners, appointment of, considered:
8062-5; 8073-80; 8090-4; 8109-10; 8113-6.(See also under *Employed, Employment, Labour, Wages*.)

(See also Miss Clementina Black's evidence (8845-8908)).

(See also Mr. Charles Booth's evidence (8909-8961).)

WOOLLEN AND WORSTED.**Witnesses :**

Employed: Bannister, James (11,851-949); Downing, John William (4782-5238); Drew, William Henry (5374-5842); Gardner, John William (28,069-95); Gee, Allen (4782-5238); Hatton, Edward (6201-399) Heptonstall, George (5843-6200); Hopkinson, Andrew (5239-373); Jolley, John Henry (17,018-257); Marran, John (5843-6200); Pinder, Alwin (11,414-695); Shaftoe, Samuel (5843-6200); Sixsmith, Alfred (11,708-11,850); Thorne, William (24,760-24,779); Turner, Ben (5374-5842); Ward, William Henry (23,930-24,034); Watson, John G. (10,307-722); Wilson, Richard (11,414-695).

Employers: Arnold Forster, Edward Penrose (6400-6598 and 9680-9757 and 11,368-413); Beckworth, William (15,495-643); Foster, Herbert A. (6599-6760); Peate, Jonathan (7916-8022); Thomson, George (7072-7192); Yates, Benjamin Cunningham (12,522-665); Wilson, Charles John (7478-7688); Yates, William Edward (7689-7915 and 8023-6).

Independent: Beaumont, William Arthur (9190-9337); Henderson, James (7193-7477 and 8962-9189); Jones, G. D. (3822-3913); Prior, John Damrel (6761-6922); Tatham, John (8122-8175).

Districts and places referred to :Allerton (*Yorkshire*): 11,418.

Alverton: 5793.

America: 7132; 7975-6; 9026; 9046; 9070; 9178;
9180; 9739; 11,610.Ashton (*Lancashire*): 7336.Baillif Bridge (*Yorkshire*): 6880.Batley (*Yorkshire*): 4910; 5667; 5719-21; 5732;
5739; 5831; 9198.

Belgium: 11,610.

Berlin (*Germany*): 10,508; 11,543.**Districts and places referred to—continued.**Bingley (*Yorkshire*): 5299; 5471.Birmingham (*Warwickshire*): 6003.Birstall (*Yorkshire*): 5667.Blackburn (*Lancashire*): 7309; 7452; 9073; 9123;
9131.Blarney (*Ireland*): 17,025; 17,335; 17,241.Bolton (*Lancashire*): 7197; 7399; 7452.Bradford (*Yorkshire*): 5239; 5244; 5299; 5306; 5321;
5361; 5376; 5389; 5392; 5396; 5450; 5525; 5608;
5618; 5671; 5775; 5844; 5865; 5977; 6131; 6174;
6201; 6228; 6257; 6273; 6401; 6406; 6428; 5463;
6515; 6704; 6762; 6781; 8001; 9190; 9196; 9233;
9682-91: 9717; 9732; 9742; 10,307; 10,317;
10,358; 10,644; 10,700; 11,368; 11,418; 11,481;
11,544; 11,562; 11,632; 11,658; 11,696.Brierley (*Staffordshire*): 6762.Brighouse (*Yorkshire*): 6762; 6880.Burnley (*Lancashire*): 5381; 9076-7.Calder Valley (*Yorkshire*): 6762.

Cambridge: 11,496.

Canada: 7976; 9042.

Castlebridge: 9200.

Cheshire: 6867; 7303.

Church (*Lancashire*): 10,480.Clayton, West (*Lancashire*): 6762; 11,418; 11,445.Cleckheaton (*Yorkshire*): 9196.Clough (*Lancashire*): 9198.Colne Valley (*Lancashire*): 4785; 6762.Cork (*Ireland*): 17,018; 17,023; 17,117; 17,128;
17,152; 17,247.

Crag Road: 10,480.

Denby Dale (*Yorkshire*): 6762.Dewsbury (*Yorkshire*): 4910; 5667; 5673; 9197.

WCOLLX.

Districts and places referred to—continued.

Douglas (*Cork*): 17,025.
 Dudley Hill (*Worcester*): 9199; 11,418.
 Dundee (*Forfarshire*): 7245; 7452.
 Eccleshill (*Yorkshire*): 11,418.
 Edinburgh: 7452; 7483; 7625.
 Elland (*Yorkshire*): 6762.
 England: 5145; 6273; 7193; 10,691.
 England, New (*U.S.A.*): 9184.
 Eton (*Bucks.*): 11,496.
 Fall River (*U.S.A.*): 9030; 9043; 9070; 9175.
 Ferry Bridge (*Yorkshire*): 9200.
 Flush Dyke (*Yorkshire*): 9199.
 France: 10,637-44; 10,720; 11,610; 12,596.
 Galashiels (*N.B.*): 7485; 7513.
 Germany: 9741; 10,633; 10,640-4; 11,610; 12,594-6.
 Glasgow (*N.B.*): 7247; 7327; 7452; 7625; 8969; 8976; 9070; 9075; 9129; 9133.
 Golcar (*Yorkshire*): 6762.
 Gomersal (*Yorkshire*): 9198.
 Goole (*Yorkshire*): 9208.
 Greenholme Mills (*Yorkshire*): 6400.
 Guiseley (*Yorkshire*): 7919.
 Halifax (*Yorkshire*): 5379; 5389; 5456; 5532; 5756; 6762; 6768; 6787; 6795; 7072; 7114; 9693; 10,393; 11,506.
 Hawick (*Roxburgh*): 7317; 7478.
 Haworth (*Yorkshire*): 9193.
 Heckmondwike (*Yorkshire*): 9196.
 Holmfirth (*Yorkshire*): 6762.
 Horbury (*Yorkshire*): 9199.
 Horton, Great (*Lancashire*): 11,418.
 Howden (*Yorkshire*): 9198.
 Huddersfield (*Yorkshire*): 4782; 4785; 4790; 4798; 4802; 4824; 4874; 4903; 4995; 5017; 5092; 5159; 5387; 5671; 6761; 6768; 6787; 6795; 7072; 7114; 9693; 10,393; 11,506.
 Idle (*Yorkshire*): 10,473; 11,418.
 Illingworth (*Yorkshire*): 10,455.
 Ireland: 6884.
 Japan: 8023.
 Keighley (*Yorkshire*): 5499; 6337; 9193; 10,311.
 Kirkburton (*Yorkshire*): 6762.
 Knottingley (*Yorkshire*): 9200.
 Laister Dyke (*Yorkshire*): 9198.
 Lancashire: 5128; 5160; 5303; 6135; 6867; 7198; 7209; 7229; 7268; 7336; 9025; 9116; 9135; 9170; 9179; 10,685; 11,628.
 Leeds (*Yorkshire*): 4796; 7783; 7811; 7853; 7872; 7916; 7946; 7954; 7997; 9195; 11,708; 11,749; 11,834; 11,851; 11,923; 15,495; 15,578; 15,586.
 Leicester: 12,522; 12,542; 12,594; 12,603.
 Leith: 7483.
 Liversedge (*Yorkshire*): 9196.
 Liverpool (*Lancashire*): 7317.
 Lockwood (*Yorkshire*): 4903.
 London: 7178; 8974-6; 12,592.
 Longwood (*Yorkshire*): 6762.
 Low Moor (*Yorkshire*): 9196; 11,418.
 Lowell (*U.S.A.*): 9031; 9047.
 Luddendenfoot (*Yorkshire*): 6762.
 Manningham (*Yorkshire*): 5469; 5545; 9200; 10,403; 11,511.
 Manchester (*Lancashire*): 7394; 7400.
 Massachusetts (*U.S.A.*): 9049-53.
 Mediterranean: 11,494.
 Meltham (*Yorkshire*): 6762.
 Mirfield (*Yorkshire*): 5667.
 Milnsbridge (*Yorkshire*): 6762.

Districts and places referred to—continued.

Morley (*Yorkshire*): 5667; 11,834.
 Mytholmroyd (*Yorkshire*): 6762.
 Newcastle (*Northumberland*): 7452.
 Oldham (*Lancashire*): 7327; 7396; 7442; 9104; 9108; 9179.
 Ollerton (*Notts.*): 9195.
 Ossett (*Yorkshire*): 9199.
 Oxonhope (*Yorkshire*): 9193.
 Oxford: 11,496.
 Padiham (*Lancashire*): 9131.
 Paisley (*Renfrewshire*): 9178.
 Penistone (*Yorkshire*): 6762.
 Pontefract (*Yorkshire*): 9200.
 Preston (*Lancashire*): 7198; 7216; 7290-2; 7303; 7336; 7363; 7399; 7452; 8965-6; 9113; 9117.
 Queensbury (*Yorkshire*): 6685; 9195; 11,418.
 Ravensthorpe (*Yorkshire*): 9197.
 Rhode Island (*U.S.A.*): 9049; 9053.
 Ripponden Valley (*Yorkshire*): 6762.
 Rochdale (*Lancashire*): 7197; 7401; 7452; 9096.
 Rugby (*Warwickshire*): 11,496.
 Saltaire (*Yorkshire*): 5380; 5422; 5459; 5484; 9196.
 Scotland: 7132; 7165; 7193; 7197; 7616.
 Shelf (*Yorkshire*): 6762.
 Shetland Islands: 7442.
 Shipley (*Yorkshire*): 10,474; 11,418.
 Skipton (*Yorkshire*): 5379; 5389; 5456; 5532; 9693; 11,368; 11,410.
 Staithwaite (*Yorkshire*): 6762.
 Sowerby Bridge (*Yorkshire*): 6762.
 Stockport (*Cheshire*): 7303.
 Thackley: 10,480.
 Thornbury (*Gloucester*): 11,418.
 Thornhill (*Yorkshire*): 9197.
 Thornton (*Yorkshire*): 9195; 11,418.
 Thorpe (*Yorkshire*): 10,480.
 Ulster (*Ireland*): 6884.
 Wakefield (*Yorkshire*): 6866; 9199; 9208; 10,311.
 Wales, North: 6867.
 Weaver Valley (*Cheshire*): 5380.
 Wharfedale: 11,441.
 Whitehall (*London*): 5276.
 Wibsey (*Yorkshire*): 5459; 5462; 11,418.
 Windhill (*Yorkshire*): 10,473; 11,418.
 Woodend (*Yorkshire*): 10,478.
 Wyke (*Yorkshire*): 11,418.
 Yorkshire: 4922; 4938; 5120; 5666; 6135; 6867; 7111; 7116; 11,418; 11,583; 11,612.
 (*West Riding*): 4795; 4825; 5374; 5499; 8023; 10,441; 10,633.

Accidents: 5105; 9213; 10,371; 11,813; 11,828-31.

Carding and combing rooms, in: 5987-8; 5998-6005; 6012-9; 6028-42.
 Compensation for: 4996-8; 6044; 6131; 6198; 6388; 11,459.
 Decrease in: 6008; 9283-4.
 Frequency of: 9011-3; 9017; 11,746.
 Machinery: 9217-25; 11,458; 11,858-60; 11,919.
 Shafting: 9,222; 11,455-6; 11,576-80; 11,625.
 Shuttleguards, preventive of: 4986-95; 5100-1; 5146-56; 5439; 9262-74; 9710-23; 11,438-54.
 Through cleaning machines in motion: 5437-8; 9012-9; 9217; 11,748; 11,861-4.

Acts of Parliament :

Cotton Cloth Factories Act: 9072-3; 9120; 9135; 9157-60; 9167-74.
 Education Act: 7879.

Acts of Parliament—continued.

Employers' Liability Act: 4996; 6009; 6198; 6200; 6310; 6314-20; 6388-91; 11,460-2; 11,626; 11,645-7.

Factory and Workshop Acts: 4955; 5000; 5270-3; 5276; 5849; 5851; 5916; 5963; 6022; 6051; 6068; 6358; 6404; 6528; 6532; 6544; 6594; 6590-2; 6916-20; 7236-43; 7265-7; 7271; 7309-10; 7317; 7362; 7877; 8023; 9012; 9056-8; 9089; 9107; 9116-8; 9123; 9241; 9318; 11,498-9; 11,540; 11,627-33; 11,864; 12,653.

Amended Act of 1891: 4911; 4914; 5321-3; 6890-9; 7230-5; 7307; 7440-1; 9075-6; 9244-5; 11,528-39; 11,630-1; 11,666; 11,677-83.

Labourers' Dwelling Act: 17,150-1.

Merchant Shipping Act: 17,090.

School Board Act: 11,559.

Technical Education Act: 17,100-5.

Trades Union Act: 9426.

Apprenticeship: 5232; 5235; 5329; 11,793-9.

Bonus to apprentices: 6285-93; 6660; 6696-7; 6703.

Arbitration and Conciliation:

Advocated: 6671-5; 10,405-12; 17,084-7; 17,112.

For special trades: 12,654-8; 12,664-5.

Not resorted to: 9002-10.

Proposed cases for: 5133-5; 5156; 5210-2; 5229.

Boards of:

At Bradford: 5307-18; 5931-7; 6168-77; 6405-23; 6492-4; 6526-7; 6669; 6704-6; 9732; 10,408-9; 10,413; 11,514-27; 11,566-7; 11,633-8; 11,684-95; 11,836; 11,948.

Huddersfield: 4947-52; 5136-45; 5304-6.

Leeds: 7950-2; 7961-4; 8022; 11,749-52; 11,832-6; 11,946-9; 15,496; 15,565-90; 15,629; 15,637-40.

Leicester: 12,524-35; 12,654-8; 12,663-5.

Joint Committees: 4948-52; 5136-41; 6404; 11,371-5; 11,386-98; 11,427-9; 12,655-8.

Associations:

Of Employed:

Amalgamated Factory Act Observance Association: 7273-8.

Bradford and District Power Loom Overlookers Society: 9726; 11,368; 11,414-20; 11,463-7; 11,510.

Cork United Trades Society: 17,018-32; 17,088; 17,235-7.

Gas Workers' and General Labourers' Union: 7773-7; 7790-4; 7938; 7946; 7954-5; 7997; 15,600-3.

Leeds and District Willeyers' and Fettle's Union: 11,708; 11,721-3; 11,759-60; 11,770-7; 11,780; 11,851-7.

Machine and Woolcombers' Association of Bradford: 5844-6; 5862; 5865; 5929-30; 6009-11; 6029; 6043-5; 6116-9; 6395.

Managers' and Overlookers' Society: 10,307-18; 10,326; 10,393; 10,551-78; 10,616-20; 10,622.

Operative Cotton Spinners' Association: 7352-61.

Overlookers' Provident Society: 10,327; 10,436-45.

Warpdressers' Association in Bradford: 5239; 5278; 5302.

West Riding of Yorkshire Power Loom Weavers' Association: 4732-6; 4790-3; 4795-6; 4842; 4844; 4946-7; 4978; 5073-5; 5374-6; 5455-9; 5462; 5499; 5598; 5680-2; 5691-3; 5731-2; 5793; 5801; 5805-18; 9727; 10,436; 10,441-5; 11,368; 11,369-76.

Wool Sorters' Association of Bradford and District: 6201-2; 6307-8; 6370; 6434.

Of Employers:

Huddersfield Woollen Manufacturers' and Spinners' Association: 4812-4; 5135; 5804-5; 9103.

E 78190.

Boy Labour:

Cleaning machinery by: 9092-109.

Earnings of: 5333; 5487; 10,529; 10,614.

"Doffers": 10,340-2; 10,530-5.

"Slayers": 5256; 5330.

Training of: 5330-2; 7680-1.

Warehouse boys: 7816-7.

Capital: 6086; 6328; 7123; 11,617.

Co-operative stores, of: 7601.

Profit-sharing mills, of: 7126-35; 7175-6.

Child Labour and Half-time System:

Accidents to child workers: 9012-9; 9092.

Council of half-time system: 3823-8.

Earnings of: 5487-98; 5607-10; 10,332-9; 10,526-9; 10,614.

Effect of:

Deteriorating, denied: 9291; 10,433-54; 10,469; 10,693; 11,612-3.

Morally: 3831-2; 3886; 3911-2; 5486; 5512-21; 5563-4; 11,557-8.

Physically: 3831-42; 3910; 5485; 9289.

Employment of: 5483; 5616; 6127; 6507-9.

Illegal: 9096; 9280.

In America: 9037; 9056-8; 10,647-60.

Half-time system:

Advantages of: 3896-8; 6498-505; 9305; 9335-6; 10,507-11; 10,514-6.

Disadvantages of: 3886-95; 5008-10; 5033-5.

Raising age limit of:

Advocated: 5007; 5482; 5523-9; 5562; 5583-5; 6820; 6857; 10,514-6; 11,554-6.

Opposition to: 3904; 9337; 9697-709; 10,508-10; 10,518-22; 10,536.

Not employed: 3899-903; 6120-1; 7144-5; 7696; 12,554-6.

Number of children employed: 3904; 5014; 5616; 6127-9; 9289; 10,473-81.

School Board standard: 3849-74; 3880-5; 3906; 3913; 5015-6; 5018; 9290; 10,482-91; 10,502-7; 10,516-7; 10,661-7.

Schoolmasters' views on: 3843-48; 3875-9; 3886-8; 3908-9; 10,492-5.

Compensation:

Accidents, for: 4996-8; 6388; 11,459.

By Trades Union: 6043-5; 6131; 11,463-5; 11,653-65.

Through insurance: 5989-119; 6130-2; 6198-200; 6314-27.

Competition:

Foreign: 7886; 7976; 10,633-41; 10,714-20; 11,763; 12,580-97.

Home: 5831-2; 5837; 10,633; 11,764-8; 12,580.

Conferences:

Berlin: 10,151; 10,508; 11,542-3.

Co-operation:

Hawick Distributive Store: 7602.

Capital and profits of: 7601.

Customers of: 7595.

Management of: 7601; 7603.

Savings bank of: 7604.

When established: 7594.

Councils:

Chambers of Commerce:

Bradford: 6173-5; 6401-2; 6432; 6704; 9725; 11,427; 11,633; 11,642.

Leeds: 7689-92; 7780-3; 7798-802; 7807-32; 7873; 7916-7; 7922; 7944; 8009; 8016; 8019; 9476; 11,490.

Leicester: 12,523; 12,538-40; 12,665.

WOOLLEN.**Councils—continued.**

South of Scotland : 7479-84.

Corporations :

Bradford : 6228 ; 9250 ; 9306 ; 11,566.

Bye laws of : 6356-69 ; 6450-3 ; 6571-4 ; 6781 ; 9306-11.

Cork : 17,150.

Trades Councils :

Bradford : 5866 ; 6131 ; 9629 ; 9651 ; 11,368 ; 11,372 ; 11,392 ; 11,478 ; 11,487-94 ; 11,633 ; 11,690.

Cork : 17,117-9 ; 17,134 ; 17,145.

Huddersfield : 7137-9.

Double-shift System (see under *Employment*).**Eight Hours' Day :****Legal enactment of :**

Advocated : 11,754-62 ; 11,769 ; 11,775-7 ; 11,930-6.

Deprecated : 12,579-605 ; 12,659-62 ; 15,630-6 ; 17,145-8.

International advocated : 10,621 ; 10,630-2 ; 11,542-52 ; 11,568-9 ; 11,608-11 ; 11,615-20.

Not in general demand : 15,519.

Suggestion of further reduction of hours : 11,571-3.

Vote taken in favour of : 11,622-4.

Employed :**Accidents to (see *subject-heading*).**

Age of : 4904 ; 5000 ; 6575-6 ; 7607.

Attitude towards labour-saving machinery : 6069-79 ; 6088-95 ; 17,058-64.

Bad language of : 4892 ; 6507 ; 10,448-66.

Classes of :

Hand-loom workers : 12,637-41.

Power-loom workers : 4788 ; 4797.

Warp dressers : 5240-4 ; 5246-9 ; 5256 ; 5330-4 ; 6446-50 ; 6627-38.

Weavers : 5379-82 ; 5456-8 ; 5682-4 ; 11,410 ; 11,482.

Willeys and fettlers : 11,709-22 ; 11,728-35 ; 11,837-9 ; 11,846-50 ; 11,875 ; 11,887 ; 11,902-6 ; 11,938-47.

Wool sorters and staplers, &c. : 6208-24 ; 6283-94 ; 6343-55 ; 6434-7 ; 6443-5 ; 6450-4 ; 6615-26 ; 9249-50.

Woollen and worsted workers : 15,504.

Worsted spinners : 12,544-6.

Condition of, in old age and infirmity : 4905-8 ; 5058-9 ; 6577-80 ; 6724 ; 7608-13 ; 7848 ; 10,709-13.

Condition of, in America and abroad : 9026-58 ; 9070-1 ; 9175-89 ; 9739-41 ; 10,641-60.

Dismissal for bad work :

Advocated : 4862-73 ; 5203-6 ; 5219-20 ; 5230-1 ; 7731-4.

Deprecated : 6563-4.

Engagement and discharge of : 5434-6 ; 6177-82 ; 10,670-3.

Health and death rate of : 5325-6 ; 6387 ; 9073 ; 9138-60.

Shoddy fever : 5784 ; 11,780.

Wool sorters' disease : 6228-38 ; 6258 ; 6310-2 ; 6356 ; 9251-61.

Investments and savings of : 5057-8 ; 6480 ; 7604-6.

Lodging and rent of : 5094 ; 5542 ; 5553-4 ; 5720-8 ; 6709-18 ; 7567 ; 7574-93 ; 7686-7 ; 17,149-57 ; 28,082-95.

Gardens of ; 7581-93 ; 7686-7.

Objections to houses owned by employers : 5423-33 ; 7574-9 ; 24,034 ; 24,160.

Looms : 4787-9 ; 11,406-8.

Objections to fast looms : 4934-8 ; 5040-8 ; 5060-72 ; 5114-8.

Men and women as fellow workers : 4798 ; 4808-10 ; 4961-2 ; 5673-6 ; 5750 ; 5952-8 ; 6139-43.

Employed—continued.**Mill :**

Committees : 4898-903 ; 5048-53 ; 5180-99.

Savings Banks : 6480-4 ; 6708.

Number of : 5806-7 ; 5847 ; 6424 ; 6461 ; 6602-4 ; 7077 ; 10,319.

Overlookers : 5412-3 ; 5416-8 ; 5617 ; 7854-5 ; 10,320-8 ; 10,414-29 ; 10,450-72 ; 10,538-89 ; 10,619 ; 11,430-5 ; 11,483.

Proportion of men and women and their work : 5383-6 ; 5618 ; 5692-6 ; 5848-52 ; 6432 ; 6462 ; 6467-8 ; 6603 ; 6640 ; 6692 ; 7111-2 ; 7151 ; 7491-5 ; 7695.

Punctuality of : 5977 ; 6163-7 ; 6566.

Relations with employers : 4939-45 ; 5355-6 ; 5405 ; 6301-6 ; 6374-7 ; 7309 ; 11,910-2 ; 17,144.

Religious persuasion of : 7599-600.

Standard of living : 5095 ; 5499 ; 5534-44 ; 5550 ; 5594-9 ; 5830 ; 6124 ; 7614 ; 7878-87 ; 10,708.

Sweating of : 6494-7.

Thrift and steadiness of : 6479-81 ; 6725 ; 7596-8 ; 7615-20 ; 7847 ; 7878-87.

"Tuners" : 4890-1 ; 4894-7.

Want of organisation amongst : 5735 ; 5945 ; 6134-5 ; 6270 ; 6373 ; 10,699-703.

"Yorkshire Factory Times" : 5732.

Employers :

As landlords : 5423-33 ; 7574-5 ; 7578-9 ; 7666-9.

Managers : 10,429-31.

Woolsellers : 6264-83.

Blacklisting by : 5459-62 ; 5566 ; 6297-300 ; 6688-91.

Commission :

Firms : 6047-63.

Weaving : 4845-56.

Employers' Liability Act, contracting out of : 6310 ; 6314-27 ; 6388 ; 11,647.

Financial condition of : 6328-35 ; 7116-20.

Fines, disposal of, by : 6475-6 ; 7561-3.

Firms of : 4975 ; 5056 ; 5194 ; 6400 ; 6599-602 ; 7072 ; 10,390 ; 11,378 ; 11,441 ; 11,481 ; 12,522.

Legal remedy for bad work : 4863-72 ; 5215-27 ; 5634.

Organisation of : 4960 ; 5705 ; 5804.

Preference of, for :

Men workers : 5019 ; 5158-63 ; 7152-3.

Women workers : 5021-7 ; 5085-90 ; 5778-81 ; 7110-3.

Reception of representatives of employed : 4939-44.

Relations with employed : 6402-4 ; 6515-7 ; 6520-5 ; 6726-37 ; 7110 ; 7416 ; 7655-60 ; 7663-5 ; 7678 ; 7688 ; 7765-71 ; 7851-3 ; 7856-8 ; 8004-8.

Employment :

Cottage industry : 7646.

Dangerous : 4989-97 ; 5984-6 ; 6046 ; 6386 ; 11,737.

Disused looms : 11,552 ; 11,614-9.

Double shift system : 4882-4 ; 5882-90 ; 6022-7 ; 6220.

Healthy : 5011-4.

Unhealthy : 5267-72 ; 5286-91 ; 5788 ; 5907-10 ; 11,778-80.

Rag industry : 5783-9 ; 5833-7.

Regular : 6246 ; 6248 ; 6257 ; 7178-82 ; 7486-8 ; 7516 ; 7709 ; 12,562-3 ; 15,520-2.

Irregular : 4823 ; 4889 ; 5779-80 ; 5826-7 ; 6245 ; 6250 ; 6257 ; 6398-9 ; 6549-53 ; 6663 ; 7705-8 ; 7975-87 ; 9750-3 ; 10,357-65 ; 11,640-3.

Rules of : 6528-33.

Safety of : 5437 ; 10,598-601 ; 11,455-8.

Skilled : 5243 ; 5329 ; 7518-20 ; 7682-3.

Unskilled : 5752 ; 7509-10 ; 7679-80.

Tickets and card system : 4909-14 ; 4982-5 ; 5768-74 ; 6536-48 ; 6581-2 ; 7521-2 ; 7701 ; 8022 ; 9076-81 ; 11,667-83.

Employment—continued.

Variety of: 5615; 5619-20; 6206-7; 6425-31; 6606-10; 7074-8; 7164; 7692; 9206-8; 9734-8; 10,526; 17,019-24.

Well-regulated mills: 6514; 6643; 10,389; 10,456; 10,465; 12,574-5; 17,235-45; 17,247-52.

Wool sorting: 6209-38.

Fines and Deductions (see under *Wages*).**Friendly Societies** 10,616-20; 11,783-5.

Building societies: 7567-73; 7580-1; 7605-6; 7849-50.

Hours (see under *Labour*).**Inspection:****Inspectors:**

Accessibility of, to employed: 6785-8; 6792-4; 6825-8; 6881-4; 8022; 9060.

Appointment and dismissal of: 6789-90; 7213-4; 11,399-603.

Assistant: 6797; 7199.

Superintendent: 6865; 6868-75; 7193; 7199.

Attitude of employers towards: 6650; 6792; 6800-2; 6822-4; 8023-6; 9324; 9330-2.

Complaints to:

Anonymous: 5274-5; 5480-1; 6796; 6889; 7225-8; 9060-4; 9272-4.

Forms of, supplied by: 7271-6.

From women: 6830.

In writing: 5478; 6795; 6830-2; 6887-8; 7228-9; 9060-2.

Not received in mills: 6885-6; 9065.

Of defective sanitation: 5273-6; 5284-6; 5924; 5941-4; 5963-6; 6054; 9260.

Convictions:

Number of, by: 7391-401; 7457; 9083; 9275-80; 11,583-8.

Difficulty in obtaining, by: 5129-32; 5200-1.

Difference in: 7209; 7286-91.

Dinner given to: 9110-9.

Districts of: 6761-2; 6797; 6867; 6884; 7197-8; 7390; 7442-4; 7447; 7625; 8965; 9191-203.

Duties of: 6052; 6891-905; 6909-15; 7256-8; 7374.

Examination of: 11,591-607; 11,651-2.

Experience of: 6774-6; 7332.

Hoodwinking of: 5454; 5478; 5600-1; 11,477 11,496.

Increased powers suggested for: 6756-9; 6906; 10,381-4.

Local sanitary: 6900-3; 6916-21; 7240-50; 10,374-8.

Mode of administration by: 6815; 6867-75; 7201-8; 7456-61.

Names of: 5481; 7391-4; 11,506; 11,582.

Never seen by employed: 5277; 5280-3; 5362-73; 11,477; 11,484-7; 11,561-5.

Occurrences when seen by employed: 10,369-72; 11,477-9; 11,484; 11,492-4.

Opinion of employed *re*: 9025; 9231.

Powers of: 6803-19; 7230-9; 7310-5; 8976-9; 9259.

Practical men as: 5478; 7297-303; 11,496; 11,576-7.

Prosecutions:

Instituted by: 6584; 6842-5; 7277-92; 7317; 7333-62; 7422; 7627-39; 8965; 9083-91; 9312; 12,647.

No test of efficiency of: 6842-4; 7216-8.

Residence of: 6798; 6866-7; 7200.

Suggestions for increasing efficiency of: 8022; 8969-72; 9020; 9082; 11,502-4.

Supposed effect of new Act on: 6916-21; 7259-63; 7437; 8980-9000; 9244.

Unsupported by employed: 7265-70; 7279; 7324-9; 7373-89; 7402-6; 7415; 7423-8; 9117; 9318-23; 11,506.

E 78190.

Inspection—continued.**Visits of inspectors:**

More frequent, desirable: 5775; 5783; 6799-800; 6854-5; 6922.

Number of: 6766-8; 6798; 6821; 7252-5; 7621-4; 9209-15; 9224-30; 11,882-5; 12,565-71.

Unexpected: 6876-80; 7219-24; 7626; 7670; 9281-2; 9325-9.

Worst: 5839; 7739-40.

Women inspectors:

Advocated: 5478; 6839-41; 9022-4; 9066-9; 12,609-11.

Depreciated: 6832-3; 6636-9.

Difficulties in the way of: 9022-3; 12,606-8.

Inspection:

Cases not subject to: 6554-60.

Efficient: 4953; 5129; 6791; 7293-301; 7308; 7330-1; 11,881; 12,646.

Inefficient: 7210-5; 7271; 7341-67; 8965; 9118-9; 11,627-9; 17,128-30.

Frequent, impossible: 5102.

Impartiality of magistrates: 6588-93; 6845-53; 7285; 9313-7; 12,649-53.

Infracton of Factory Act: 6771-4; 7264.

Number of factories under: 6763-5; 7445-55; 9204-8.

Of machinery: 5103; 9001-6; 9262-71; 11,475-6.

Sanitary accommodation: 5559-61; 6061-4; 7230; 7677-8; 8022; 9237-43; 9333-4; 11,540.

Warpdressers' rooms: 6781; 9233-6; 9247.

Woolsorters: 6224-8; 6778-80; 9249-58.

Workshops: 6922; 8969-70; 8982-900.

Present system of, satisfactory: 6873-5.

Sufficiency of: 7439-41; 7448; 7462-4.

Insufficiency of: 4954; 5450-4; 5775; 6065-7; 6834-5; 6922; 7307; 7430-6; 8973-5; 10,367-9; 11,488-90; 11,495; 11,649-50; 11,893.

Joint Committees (see under *Arbitration and Conciliation*).**Labour (Hours):**

"Broken time": 11,387-91.

Effect of reduced hours on labour: 6856-60; 6863; 7683-7; 7877-87.

Hours: 5826-7; 11,724-35; 11,800-1; 17,033.

Eight hours' day (see *subject-heading*).

Factory: 5572; 5849-51; 5872; 6022; 6219; 6465-6; 7109; 7672-3; 10,610-1; 10,703; 11,897-9; 12,558-9.

Home-work after: 5449-53.

Night: 4887-8; 5878-91; 6020-7.

Present, satisfactory: 7752-64.

Reduced voluntarily by employers: 6860-2; 7640-5.

Reduction of, considered: 10,621-2; 11,541-52; 11,753; 11,773-4; 12,579; 12,597-605.

Willeys and fettlers, of: 11,805-24; 11,871-9; 11,922-8; 11,937-49.

Woolsorters, of: 6378-9; 6617-23.

Meal-time: 11,889; 12,558-61.

Overtime: 4877-9; 5548; 5849; 6221-2; 6380; 11,900-1.

Attitude of employed *re*: 5037-9; 6385; 7402-6; 7423-9; 15,519.

Cribbed: 4880; 4954-8; 5777; 7341-3; 7407-13; 7422; 7465-77; 8963-5.

For women: 4876; 5602-5; 11,496-501; 11,505.

Never worked: 7108; 8023; 9285-7; 10,366.

Occasionally worked: 12,564.

Paid: 6105-10; 11,802-4.

"Playtime": 5812; 5826; 11,427-8; 11,574-6; 11,643-4; 11,830.

Relative quantity of slack and full time: 7968-71; 7975-7.

Short time: 11,641-4.

WOOLLEN.

Lodging and Rent (see under *Employed*).**Machinery:****Accidents:**

Through cleaning, whilst in motion: 5437-8; 5483; 9012-9; 9092; 9109; 10,598-601; 11,632; 11,861-3.

Various, through: 4994-6; 5100-4; 9217-25; 9262-71; 9718; 11,443-4; 11,455-6.

Care required in working: 7683.

Displacement of labour through: 6069-79; 6088-91; 11,542.

Effect of increased: 11,900-1; 11,908-9.

Fencing of: 9001-7; 9226-8; 9284; 9710-2; 9719-23; 10,384; 11,440-2; 11,445-54; 11,860; 11,886.

French: 10,644; 10,718-9.

Hours of running: 7310-6; 7877; 11,888-92.

Obsolete: 7118-24.

Overcrowding of: 5984-6; 11,455; 11,458; 11,825; 11,858-60.

Running to waste: 5971; 6083-7.

Time taken to clean: 5958; 9092-108; 11,864.

Willeying and fettling: 11,710-7; 11,822-3; 11,887; 11,906-7; 11,918-9.

Overtime (see under *Labour*).**Production and output:**

Depression in trade affecting: 6124; 6209-11; 6442; 6549-53; 6663; 6739-40; 7116-25; 7970-1; 7975-87; 10,357-65; 11,639-42.

Effect of:

Bonus to overlookers on: 10,418-23.

Hostile tariffs on: 6738; 7975; 7979; 7987; 8022.

Foreign importation and trade: 10,633-40; 10,720-2; 12,579-97.

Inspectors' views on: 7309; 9073.

Method of cheapening: 5085; 5090; 7110-3; 7152-3.

Trade, state of:

In Bradford: 10,644-6; 11,375.

Cork: 17,021-5; 17,143.

Leeds: 11,763-8; 15,502-4; 15,514-7; 15,520-2.

Leicester: 12,526-9; 12,642-5.

Profit-sharing: 5055-6; 7087; 7110; 7183-9; 17,113-6.

Firm of Thomson and Sons, Huddersfield:

Business done by: 7096-7; 7161-72; 7175-82; 7190-2.

Capital of company: 7095; 7132.

Committee of directors: 7136-40; 7154-60.

Good results of: 4972-7; 7098-105; 7125.

Interest of shares: 7130-1.

Profits of: 7088-9; 7107; 7173-4.

Shareholders in: 7091; 7127-9; 7132-6.

Value of shares: 7092-4.

When established: 7126.

Refutations:

| Average wages of weavers. | Statement. | Denial. |
|------------------------------------|------------|------------|
| | 5394-404; | 9742; |
| | 5530-2; | 9754-7; |
| | 5548-9; | 11,368-98. |
| | 5554; | |
| | 5567-70; | |
| | 5673; | |
| | 5707-9. | |
| Effect of women's labour on wages. | 4799; | 5579-31; |
| | 4808-10; | 6136-40; |
| | 4961; | 6470-2; |
| | 5090; | 9682; |
| | 5119; | 9686; |
| | 5174; | 10,394-6. |
| | 5343-6; | |
| | 5951; | |
| | 7113; | |
| | 7141-2. | |

Refutations—continued.

| Immorality of half-timers. | Statement. | Denial. |
|--------------------------------------|------------|------------|
| | 5485-6; | 6506; |
| | 5512-21; | 9291; |
| | 5563. | 10,432-45; |
| | | 11,613. |
| Number of convictions by inspectors. | 743. | 7286-92; |
| Sanitation | | 7339-89. |
| | 5278; | 6784; |
| | 5286; | 9233; |
| | 10,379; | 9248. |
| | 10,626. | |
| "Victimised" Unionists | 5459. | 10,667-9; |
| | | 10,687-93. |

Remedies advocated:**Accidents, prevention of:**

By fencing machinery: 9284; 9722; 10,384.

By shuttleguards: 4993; 5100; 5151; 5439; 9262; 9712.

Arbitration: 10,405-7; 11,751; 17,084.

Employed:

Abolition of overtime: 6385; 7429; 15,519.

Dismissal in lieu of fines: 4862; 4871-3; 5202-4; 5219; 5230-1.

Eight-hours' day: 11,754-6; 11,769; 11,930.

International: 10,621; 10,630-2; 11,568-9; 11,608-9; 12,659.

Increased organisation of: 5945-6; 6270; 10,699-703.

Statement of prices for: 5762; 6188; 6270; 7521-5; 8022; 11,528-33; 11,666-8.

Time for cleaning machinery: 5437-8; 5483; 9012-9; 10,598; 11,632; 11,864.

Employers:

Legal remedy for bad work: 4863-72; 5215-27; 5634.

Organisation of: 4960; 5804.

Half-time system:

Abolition of: 3886-8; 5008-10; 5033; 11,555-6.

Raising age of half-timers: 5007; 5482; 5523; 5562; 6820; 6857; 11,554.

Inspectors:

Increased number of: 4954; 5783; 6066; 6799; 6835; 6854; 6922; 10,368; 11,490-5; 11,649; 11,893.

Special grade of: 8969-72; 9020; 11,502-3.

Women, appointment of, advocated: 5478; 6839; 9023; 9066; 12,609-11.

Rag industry, inspection of: 5783.

Minister of mines and manufactures, appointment of, advocated: 9082.

Unemployed:

Reduction of hours to provide work for: 10,621; 11,542; 11,568-73; 11,615.

Warpdressers:

Suggested legislation for: 5268-70; 5321-3.

Termination of contracts: 5434-6.

Sanitation:

Defective and unhealthy: 5272-5; 5278; 5286-9; 5441; 5908-10; 5917-23; 5940; 5959-62; 6510-2; 6582; 6648-9; 6676-7; 6894; 6910-2; 8022; 9233; 9236-8; 10,379-80; 10,626-7; 11,468-74; 11,561-5; 11,865-7.

Fair: 10,373-8.

Good: 6449; 6513; 6647; 7247; 7677; 8022; 10,385-9; 12,557.

Insufficient sanitary accommodation: 5440; 5478; 5559; 5960-1; 6804; 11,468-9; 11,868.

Intervention of inspector, *re*: 5941-4; 5964-6; 6224-8; 6894-6; 6906-15; 7255-6; 9236; 9242; 9333-4; 10,374-8; 11,475-6; 11,540.

Temperature:

Average: 9291-6; 9299.

Lowest, 9297.

Warpdressers' rooms, of: 5918; 7239-40.

Willeys' and fettlers' rooms, of: 11,781-2; 11,786-92; 11,824.

Sanitation—continued.

Woolcombers' rooms, of: 5911-6; 6456-8.
 Unhealthy goods: 5267-72; 6227-42; 6446-9; 9233;
 11,737; 11,780-2.
 Ventilation, want of: 5268; 5278; 5286; 5916; 5940;
 6110-5; 9301-4.

Strikes:

Causes of:
 Trades Unionism: 24,027; 24,033; 24,160; 24,766;
 28,069.
 Various: 4923; 5470; 11,510.
 Wages:
 Advance in, for: 7537; 7735.
 Deductions, against: 4873; 5297-9; 5348; 5410.
 Reduction of: 4946; 5409-11; 5466-70; 5546-7.
 Cost of: 5077.
 Duration of: 5349; 5468; 7539.
 Important: 4915-6; 5076; 7545; 10,403.
 Buckfastleigh: 24,027-34; 24,160; 24,760-84;
 28,069-95; 28,141.
 Increase in: 5353-7; 5406; 5469; 5545.
 Minor: 4916-21; 5293; 5353; 5407-8; 5463-5;
 5470; 7535; 7712; 7735-45; 10,401-2; 11,507;
 11,833.
 No occurrence of: 4922; 6664-6; 12,552.
 Number of persons involved in: 5294-6; 5300;
 5350-2.
 Results of: 4925-9; 5078-82; 5164-72; 5467-9;
 5476-7; 5759; 6594-8; 7540-9; 7712; 7736-45;
 11,834.
 Strike pay: 5301.

Trade Unionism:

Attitude of, re:
 Employers: 4939-41.
 Half-time system: 5523-9.
 Inspection: 6061-4; 6787-91; 7271.
 Reduction of hours: 11,621-3; 11,754-62; 11,773-7;
 11,879; 11,930-45.
 Unemployed: 5153-5.
 Compensation for accident, &c.: 6043-5; 6096-104;
 6131-4; 10,618.
 Effect of:
 Disputes, on: 4946; 5759; 5762.
 Standard of living, on: 5550; 5830.
 Wages, on: 4923-4; 5120-8; 5701-3; 5823; 6196-
 7; 11,855-7; 11,920-1.
 Employers' attitude towards: 4941-6; 5459; 6297;
 6667-8; 7658-9.
 Organisation:
 Advantages of: 5594-6; 5828-30; 5945-6; 6026;
 6088-95; 6302-6; 6373-4; 10,551-78; 11,669-76.
 Cause of abandoning: 5499.
 Difficulty in: 6134-5.
 Steps taken in: 5812-4; 5821-2; 5865-6; 6265-7;
 15,548.
 Want of: 5535-8; 5666; 5734-5; 6040-3; 6191-5.
 Proportion of unionists to non-unionists: 5075;
 5248-50; 5383-4; 5455-9; 5597; 5692; 5706;
 5767; 5807-8; 11,838-50; 17,018-21.
 Union benefits:
 Mortality fund: 6719; 11,785.
 Sick fund: 5422; 6719-22; 7661-2; 11,783-5.
 Women as members of: 5816; 15,548.
Unemployed: 4999; 5152; 5781-2; 11,639.
 Suggestions for: 11,542; 11,570.
 Supported by Trades Unions: 5153-5; 5319.

Wages:

Alteration of rate, &c. without notice: 5755-9; 6147-
 62; 6177-97; 6535-42; 6678-83; 7520-33; 7710-8;
 8022.

Wages—continued.

Average earnings of:
 Doffers: 10,340-3.
 Millners: 5746-7.
 Overlookers: 10,329; 12,547.
 Rag grinders: 5752.
 Rag sorters: 5820.
 Spinners: 5745; 6744-8; 7080-1; 10,331; 10,345-
 52.
 Warpdressers: 5265-6; 5333; 5342; 6630-8;
 10,353-4.
 Weavers: 4802-21; 5092-9; 5386; 5404; 5500;
 5530-2; 5554; 5567-82; 5591; 5687-5710;
 5824; 7079; 7497; 7499; 7973-4; 11,399-405;
 11,423-4; 17,031.
 Willeyers and fettlers: 11,723; 11,736; 11,795-818;
 11,920-1.
 Wool-combers: 5869-73; 5951.
 Woollorters, staplers, &c.: 6246-82; 6336-55;
 6436-42; 6624-27.
 Bonus to apprentices: 6290; 6696-703.
 Overlookers: 5419-21; 10,418-22.
 Comparative earnings of men and women: 4799;
 4802-37; 5019-21; 5085-6; 5090-2; 5119; 5157;
 5174-9; 5346; 5579-81; 5673-6; 5952; 6136-45;
 6470-2; 7113; 7141-3; 7497-7504; 9693-6;
 10,395-8.
 Deductions and fines:
 Charge for room and power: 5297-9.
 Damaged work: 4858-61; 4982; 5207-14; 5629-
 38; 5659-65; 5791-801; 6473; 7551; 7729; 7888-
 93.
 Disciplinary: 5621-7; 5967-83; 6082-7; 6163-5;
 6473-8; 6534; 7551-66; 7721-6; 7859-60.
 Dismissal advocated in place of: 4862-73; 5203-6;
 5219-20; 5230-1; 7731-4; 7888-93.
 Disposal of: 6475; 7561-3.
 Exemption from: 7861-2; 7890-1.
 Existence and non-existence of: 4857; 5555; 5905-
 6; 6146; 6393; 6651-3; 7553.
 Illegality of: 5556-8; 5642-3; 5802-3.
 Miscellaneous: 4983-5; 11,431-5.
 Not resented: 7558; 7727; 7733.
 Objections to: 4861; 4868; 5202; 5227; 5410;
 5655; 5887.
 Sum realised by: 7729-30.
 Unjust: 5415; 5978.
 Why introduced: 6518-9; 6561-9.
 Demand for advance in: 7538-49; 7795-7; 10,402.
 Differences in: 5120-8; 5698-701; 6336-42; 11,837;
 11,409-12; 11,855-6.
 Effect of better wages and improved condition: 7679-
 88; 7863-6; 7877-87.
 "Fair wages": 5592.
 Fluctuations in: 5737-8; 5760-1; 5925-8; 6549;
 7970-87; 10,525-6.
 Men at women's wages: 4930-2.
 Night and day work: 5880-1; 5890-1; 5898-904;
 6136-9.
 Rate of:
 Discredited: 9742-6; 9751-7.
 Foreign: 10,717.
 High: 5739-46.
 Inquiry into: 11,368-98; 11,409-12.
 Low: 5400; 5748; 6738-42; 10,628-9; 15,523-5.
 Increase in: 12,551.
 Reduction in: 4923-9; 5534; 5549; 5718-9;
 10,610-5.
 Through piece-work: 5753-5.
 Uniform, advocated: 6485-94; 6496-7.
 "Statement of prices": 5060-77; 5762-5; 7522-33;
 11,528-38.

WOODLARK.

WOOLLEN.**Wages—continued.**

Sum paid in: 6605.

System of payment: 4840-4; 4874-5; 5060-72;
5853-8; 6653-6; 7520-3; 7650-4; 7697-704.

Unsatisfactory: 5755-7; 5768-73; 11,666-83.

Women, earnings of:

Doffers: 10,343-4.

Power-loom workers: 4826-33; 4835-8; 5000.

Side minders: 10,343; 10,590-7; 10,602-9.

Spinners, minders, &c.: 6744-5; 7082-6; 10,345-52.

Warp dressers: 5344-6.

Weavers: 4826-38; 5394-404; 5567-82; 6463-72;
6641-2; 6692-3; 7079; 7497; 7706; 7987;
9747-9; 11,404-5.

Woolcombers: 5875; 5951-3; 5956.

Worsted spinners, &c.: 12,547-8.

Highest: 9754-7.

Lowest: 5397-9; 9754.

Reduction in: 4927-9; 5083-4.

Unskilled: 7511.

Women's Labour:

Age of women: 4904; 5000; 7750-1.

Bad language of women: 4893-7.

Efficiency and quickness of: 7502-8; 12,602-5.

Effect of, on textile trade: 11,549-50.

Women's Labour—continued.

Married women:

Number of: 7746-9; 9682-5.

Objections to their employment: 4999; 5001-6;
5156; 5442-3; 5503-11; 5586-7; 5611-5; 7866;
9682; 9695-709; 12,611-5.

Reasons for: 5096; 5444-8; 5502; 5711-7; 6126;
7111-5; 7146-50; 7514-5.

Morality of women: 11,553; 11,560; 11,612.

Nature of:

Cleaners of machinery: 11,861-3.

Rag sorters: 5785-6; 5817-23.

Spinners, warpers, &c.: 10,345-7; 10,350-7;
10,591-7; 10,604-8.

Warpdressers: 5258-63; 5334-41.

Weavers: 5383-6; 5530-40; 9687-90; 11,383-6.

Willeyers: 11,869-70.

Number of women employed: 6125; 6462; 7085;
9682.

Objection to, as willeyer: 11,918-9.

Rate of production as compared with men's: 4834;
4962-8; 5028-30; 5957; 7151-3; 7500-1.

Training of: 7894-911.

"Tuners" in connexion with: 4890.

Wages of (see *subject-heading*).

Women as members of Trades Unions: 4824; 6118-20.

Work done at home by: 5449-50.

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