ECONOMIC STATISTICS FOR AUSTRALIAN ARBITRATION COURTS

J. L. K. GIFFORD

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EXPLANATION OF THEIR USES, CRITICISM OF EXISTING STATISTICS AND SUGGESTIONS FOR THEIR IMPROVEMENT

By

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PREFACE.

The aim of this booklet is to familiarise the advocates in arbitration courts with reasonings about wages and the effect of some of the chief economic events on wages and employment and with the uses of the economic statistics which help judges in their efforts to fix wages at the level which is best for the general community. Chapter IV. is devoted to pointing out how little utility for this purpose there is in an index of the value of production per head of those engaged in industry, an index which was proposed by the Economic Commission on the Queensland Basic Wage as a general guide for arbitration courts in varying minimum wages.

Another aim is to urge advocates and judges in arbitration courts to use their influence to have the Commonwealth statisties very much improved. At present the Commonwealth Bureau of Census and Statistics is not doing the statistical work necessary for arbitration courts, even the most important part of that work. The Bureau does not collect and publish reliable statistics of unemployment in Australia. This is discussed in Chapter II., and a suggestion made there that courts should have detailed information about unemployment promptly each month. Again, there is no adequate index number of the total cost of living published for Australia, the Commonwealth official indexes being either based on unrepresentative samples of goods or compiled by faulty methods, the faults in method being due to lack of financial resources. In that lies the importance of arousing interest in these economic statistics. If the judges of arbitration courts and the advocates of employers and employed make a strong demand for elaborate and promptly published economic statistics when they are known to be useful in the work of wage fixing, then financial resources will be made available to allow more efficient methods of collection and compilation to be adopted.

I wish to thank Mr. Reading, editor of the Brisbane Telegraph, for permission to use an article on unemployment which appeared in the Telegraph of March 16th, 1927, and which is reprinted with some additions in Chapter II.

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APPENDIX A.

The cost, at the base periods, of the mass units of the commodities included in the retail prices index numbers published by the Commonwealth Bureau of Census and Statistics. The mass unit of each commodity is one-millionth part of the estimated annual average consumption of that commodity in the Commonwealth in the period 1906 to 1910.

TABLE 1.

Aggregate cost of the mass units of the commodities included in the food, groceries and housing (4 and 5 rooms) index number of retail prices, at the average prices in the six capital cities in 1911. Figures supplied by the Commonwealth Statistician to the Queensland Registrar-General.

	đ.	% of total.
Cost of the mass units of groceries	56,812	28.4
Cost of the mass units of dairy produce	35,050	17.5
Cost of the mass units of meat	33,003	16.5
Cost of the mass unit of housing (at average rent of 4 and 5 roomed houses)		37.6
Aggregate cost	199,949	100.0

Note.—The average rent for one city is an average of the rent of two classes of houses in this index and of six classes in the all houses index, with the rent of each class weighted in accordance with the number of houses of that class in that city. (Labour Report, No. 1, p. 32.)

The average for the six capital cities is compiled in this way: The cost of the mass units of the goods in each group and for all groups is computed for each city and averages are computed for the six capital cities by weighting the aggregate cost in each city by a number or weight proportional to its population in 1911. (Labour Report, No. 1, p. 35.)

TABLE 2.

Aggregate cost of the mass units of the commodities included in the food, groceries, housing (all houses), clothing and miscellaneous index number of retail prices, at the average prices in the six capital cities in November, 1914. Figures supplied by Commonwealth Statistician to the Queensland Registrar-General.

Cost of the mass units of food and groceries. Cost of the mass unit of housing (at the aver-	d. 143,144	% of total. 34.6
age rent for all sizes of houses) Cost of the mass units of clothing Cost of the mass units of miscellaneous items	96,652 100,329 73,699	23.4 24.2 17.8
Aggregate cost	413 894	100.0

The Commonwealth Bureau of Census and Statistics housing (4 and 5 rooms) index number for 1924 for the six capital cities is 1615 on the 1911 base. If the cost of the mass unit of

housing (4 and 5 rooms) in 1911 (from Table 1 above) is increased in the proportion 1000 to 1615, we obtain a very close estimate of the average cost for the six capital cities in 1924 of the mass unit of housing (4 and 5 rooms), namely, 121,261d. The index number of housing (4 and 5 rooms) on the November, 1914, base is 1522 for the six capital cities in 1924. If we decrease 121,261d, in the proportion 1522 to 1000 we obtain 79,672d. as a very close estimate of the average cost of the mass unit of housing (4 and 5 rooms) in the six capital cities in November, 1914. This figure for housing was used in Appendix D for ealculating the experimental index number of the cost of living. The writer has since obtained, through the courtesy of the Registrar-General of Queensland, the actual figure used in calculating the Commonwealth published index number of housing (4 and 5 rooms), namely, 79,640, which is shown in Table 3 below. The actual figure differs by only one twenty-fifth of one per cent, from the estimate used in Appendix D, that is, for practical purposes it is the same, and its substitution for the estimate would not affect the experimental index. Appendix D was therefore allowed to remain unaltered.

TABLE 3.

Cost of the mass units of the commodities included in the food, groceries, housing (4 and 5 rooms), clothing and miscellaneous index number at the average prices in the six capital cities in November, 1914.

Cost of the mass units of food and groceries . Cost of the mass unit of housing (at the aver-	d. 143,144	% of total. 36.1
age rest for 4 and 5 roomed houses) Cost of the mass units of clothing	79,640 100,329 73,699	20.1 25.3 18.1
Aggregate cost	396,844	100.1

APPENDIX B.

Interpolations in the housing (4 and 5 rooms) index for the six capital cities of the Commonwealth on the assumption that from November, 1915, to November, 1919, the average rent for 4 and 5 roomed houses was the same percentage above the November, 1914, level as the average rent for all houses, and that in May and August, 1922, and in the four quarters of the years 1923 to 1924, the average rent for houses with four or five rooms was the same percentage above the level of November, 1921, as the average rent for all houses.

		Average Rent (4 and 5 rooms) Index Number.		
Average Rent (al Num	il houses) Index ber.	Actual index numbers are shown for November in the years 1920, 1921 and 1922.		
Nov., 1914	1000	1000		
Nov., 1915	970	970		
Nov., 1916	977	977		
Nov., 1917	1000	1000		
Nov., 1918	1054	1054		
Nov., 1919	1125	1125		
Nov., 1920	1243	1312		
Nov., 1921	1287	1352		
May, 1922	1332	1399		
Aug., 1922	1342	14 10		
Nov., 1922	1356	1432		
1st qr., 1923	1369	1438		
2nd gr., 1923	1402	1472		
3rd gr., 1923	1405	1476		
4th qr., 1923	1411	1482		
1st qr., 1924	1422	1494		
2nd qr., 1924	1451	1524		
3rd qr., 1924	1459	- 1533		
4th qr., 1924	1469	1543		

APPENDIX C.

This appendix shows how the New Zealand retail clothing prices index has been substituted for the Australian index, and how the arithmetical average of the New Zealand fuel and light and miscellaneous indexes (weighted thus: fuel and light, 5; and miscellaneous, 14) has been substituted for the Australian miscellaneous index in the calculation of the experimental index number of the cost of living in Appendix D.

• • • • • • • • • • • • • • • • • • • •	New Zealand tuted for	•	
Dates of New Zealand Indexes		ealth Indexes.	Date of
substituted for Commonwealth Indexes of the date opposite.	•	Average of mis- cellaneous and	Australian Indexes.
	Clothing.	fuel and light	
	1000	(Appendix E). 1000	Mor. 1014
July, 1914	1091	TILL	Nov., 1914
August, 1915	1279	. 1052 1205	Nov., 1915 Nov., 1916
August, 1917	1529	1400	Nov., 1917
Av. of Aug., 1918, and Feb.,		. 1400	1404.9 1911
1919	1953	1725	Nov., 1918
Av. of Aug., 1919, and Feb.,		. 1120	11014 1010
1920	2299	1954	Nov., 1919
Av. of Aug., 1920, and Feb.,		1001	2101., 2020
1921	2535	. 2239	Nov., 1920
Av. of Aug., 1921, and Feb.,		2200	21011, 2020
1922	2145	2191	Nov., 1921
Av. of Feb., 1922, and Aug.,			
1922	1942	2044	May, 1922
1922	1882	1954	Aug., 1922
Av. of Aug., 1922, and Feb.,		•	
1923		1917	Nov., 1922
February, 1923	1799	1879	1st qr., 1923
Av. of Feb., 1923, and Aug.,			
1923	1786	1853	2nd qr., 1923
August, 1923	1773	1826	3rd qr., 1923
Av. of Aug., 1923, and Feb.,)	:	
1924	1753	1840	4th qr., 1923
February, 1924	1733	1854	1st qr., 1924
Av. of Feb., 1924, and Aug.,	,		
1924	1710	1819	2nd qr., 1924
August, 1924	1687	1783	3rd qr., 1924
Av. of Aug., 1924, and Feb.,			
1925	1676		4th qr., 1924
February, 1925 (Jan. figure)	1664	1751	1st qr., 1925
Av. of Feb., 1925, and Aug.,			- 1 1005
1925	1655	1746	2nd qr., 1925
August, 1925 (July figure)	1646	1740	3rd qr., 1925
November, 1925	1599	1711	4th qr., 1925
February, 1926	1573	1708	1st qr., 1926
May, 1926		1736	2nd qr., 1926
August, 1926	1541	1753	3rd qr., 1926
November, 1926	1541	1753	4th qr., 1926
February, 1927	1519	1743	1st qr., 1927

APPENDIX D.

Tables showing the calculations for the experimental index number of the average change in the total cost of living in the six capital cities of Australia, base, November, 1914, equals 1000, and also experimental index numbers for Sydney and Melbourne for two periods. The base for the Sydney and Melbourne indexes is the same as for the index for the six capital cities, that is, 1000 represents the aggregate cost of the market basket in the six capital cities in November, 1914.

Assumptions.

- That the percentage change from November, 1914, onwards in the retail prices of clothing in Sydney and Melbourne and in the average retail price level of clothing in the six capital cities in the Commonwealth was the same as the percentage change from July, 1914, onwards of the New Zealand clothing index of Appendix C.
- 2. That the percentage change from November, 1914, onwards in the retail price level of miscellaneous items of household expenditure in Sydney and Melbourne, and in the average retail price level of the same goods in the six capital cities was the same as the percentage change from July, 1914, onwards in the average of the New Zealand miscellaneous and fuel and light indexes shown in Appendix C.

TABLE 1. INDEX FOR THE SIX CAPITAL CITIES.

The aggregates for the base period are from information supplied by the Commonwealth Bureau of Census and Statistics, which compiled the Australian official retail prices index numbers (Appendix A).

The group aggregates for the other periods are found from the aggregates at the base period by means of the following index numbers of retail prices:

The food and groceries aggregates up to 1925 by means of the published Commonwealth food and groceries index, with the average cost in the six capital cities in November, 1914, as base equals 1000.

The housing aggregates up to 1925 by means of the published Commonwealth housing (4 and 5 rooms) index, with the average cost in the six capital cities in November, 1914, as base equals 1000. For interpolations see Appendix B

The combined aggregates for food, groceries and housing for 1926 and the first quarter of 1927 by means of the published Commonwealth food, groceries and housing (4 and 5 rooms) index, with the average cost in the six capital cities in 1911 as base equals 1000.

The clothing aggregates by means of the New Zealand clothing index, as substituted for the Commonwealth one in Appendix C, base, November, 1914.

The miscellaneous aggregates by means of the average of the New Zealand fuel and light and miscellaneous indexes as substituted for the Commonwealth miscellaneous index in Appendix C. base. November. 1914.

in Appendix C, base, November, 1914.

The general index was then calculated from the totals of the group aggregates for the various periods, base, November, 1914.

231Z.								
	Nov.	, 1914	Nov.	1915.	Nov.,	1916.	Nov.,	1917.
	ARRIV		VEELS-		Aggree		Agero-	
	ga te.	Index,	gate.	Index.	gate.	Index.	gate.	Indez.
P. and Gree.	143,144	1000	188.091	1314	181,368	1267	186.517	1948
Housing	79,672	1000	77,282	970	77,840	977	79.672	1000
Clothing	100,329	1000	109,459	1091	128,321	1279	153,408	1529
Miscellaneum	73,699	1000	97,581	1062	88,867	1246	103,179	1400
	200.000							
Total	206,344	1000	452,363	1146	476,331	1200	622,771	1317
					**	4444		
	1.00	, 1918.		1919.	Nov.,	1320.	Nev.,	1921.
•	Aggre- gate.	Index.	Aggree	Index.	Aggre-	Index.	Aggre-	
P. and Gree.	192,242	1348		1640	269,970		gate.	Index.
T7	~~~	1064	229,696 89,631	1125	104 500	1864	212,139 107,717	1482
Clething	195,948	1968	230,656	2299	104,530 254,334	1312 2535	215,206	1352 2145
Minochanores	127,131	1725	144,806	1964	165,012	2230	161,475	2191
			114000		200,7712		202,7.0	2471
Total	599,290	1510	693,325	1747	793,846	2000	606,537	1755
•	May	, 1922.	Aug.	1922.	Nov.	1922.		
	Agere		Aggre		Aggre-			
	Cate.	Index.	gate.	Index.	gate.	Index.		
P. and Gree.	212,426	1484	216,004	1540	210,994	1474		
Housing	111,461	1399	112.338	1410	114,090	1432		
Clothing	194,839	1942	188,819	1882	184,796	1841		
Miscellaneous	154,641	2044	144,008	1964	141,281	1917		
Total	669,367	1687	661,100	1666	651,671	1641		
	let Q	., 192 1 .	2ml Qr	., 192 3 .	, Brd Qr	. 1922.	, 4th Qr	., 192 3 .
	Aggre-		Aggre-		Assre-		Agero-	
	gate.	Index.	gate.	Index	gate.	Index.	grate.	Index.
F. and Groc.	209,849	1466	227,454	1589	237,333	1658	226,740	1584
Housing	114,568	1438	117,277	1472	117,596	1476	118,074	1482
Clothing Miscellaneous	180,492	1799	179,188	1786 1853	177,883	1773 1826	175.877	1753
	138,480	1879	136,564	1000	184,574	1826	135,606	1840
Total	643,380	1621	660,485	1664	967,386	1682	656,297	1654
<u> </u>	-	1451	***,***	7000		1004	000,231	1
	fet Or	1974	2-10-	1924	9-1 0-	1924	Ath On	1424
,	1st Qr	., 1924.	2nd Qr	., 1924	Srd. Qr.,	1924	4th Qr	., 1924
	Aggre-		Aggre-		Aggre-		Aggre-	
P. and Gree.	Aggre- gate.	Index.	Aggre- gate.	Index.	Aggre- gate.	Index.	Aggre- gate.	Index.
F. and Gree.	Aggregate. 222,016		Aggregate. 217,293		Aggre- gate. 212,998		Aggre- gate. 212,865	
Housing	Aggregate. 222,016 119,030	Index. 1551 1494	Aggre- gate. 217,293 121,420	Index. 1518 1524	Aggre- gate. 212,998 122,137	Index. 1488 1533	Aggregate. 212,85\$ 122,934	Index. 1487 1548
** '	Aggregate. 222,016 119,030 173,870	Index. 1551	Aggre- gate. 217,293 121,420 171,563	Index. 1518 1524 1710	Aggre- gate. 212,998 122,137 169,255	Index. 1488	Aggre- gate. 212,865	Index. 1487
Housing Clothing Mincellaneous	Aggregate. 222,016 119,030	Index. 1551 1494 17 33	Aggre- gate. 217,298 121,420 171,563 134,058	Index. 1518 1524	Aggre- gate. 212,998 122,137	Index. 1488 1533 1687	Aggre- gate. 212,855 122,934 168,151	Index. 1487 1548 1676 1767
Housing Clothing Mincellaneous	Aggregate. 222,016 119,030 173,870	Index. 1551 1494 17 33	Aggre- gate. 217,293 121,420 171,563	Index. 1518 1524 1710	Aggre- gate. 212,998 122,137 169,255	Index. 1488 1533 1687	Aggre- gate. 212,855 122,934 168,151	Index. 1487 1543 1676
Housing Clothing	Aggregate. 222,016 119,030 173,870 136,638	Index. 1551 1494 1733 1854	Aggregate. 217,293 121,429 171,563 134,668 644,334	Index. 1518 1524 1710 1819	Aggregate. 212,996 122,137 169,256 131,406	Index. 1488 1533 1687 1783	Aggregate. 212,855 122,934 168,151 130,226 634,166	Index, 1487 1548 1676 1767
Housing Clothing Mincellaneous	Aggregate. 222,016 119,030 173,870 136,638 651,564	Index. 1551 1494 1733 1854	Aggregate. 217,293 121,429 171,563 134,668 644,334 2nd Qr	Index. 1518 1524 1710 1819	Aggregate. 212,998 122,137 169,256 131,406 635,796	Index. 1488 1533 1687 1783	Aggregate. 212,855 122,934 168,151 130,226 634,166	Index. 1487 1548 1676 1767
Housing Clothing Mincellaneous	Aggro- gate. 222,016 119,030 173,870 136,636 651,564 Int Qr Aggro-	Index. 1551 1494 1733 1854 1642	Aggregate. 217,298 121,420 171,563 134,668 644,334 2nd Qr	Index. 1518 1524 1710 1819 1624	Aggregate, 212,998 122,137 169,255 131,405 635,796 8rd Qr. Aggre-	Index. 1488 1533 1687 1783 1662	Aggregate. 212,855 122,934 168,151 130,226 634,166 4th Qr	Index. 1487 1548 1676 1767 1598
Housing Clothing . Mincellaneous Total	Aggregate. 222,016 119,430 171,870 136,638 651,664 Ist Qr Aggregate.	Index. 1551 1494 1733 1854 1642 1, 1925. Index.	Aggregate, 217,298 121,420 171,563 134,668 644,334 2nd Qr Aggregate.	Index. 1518 1524 1710 1819 1624 -, 1926. Index.	Aggregate. 212,996 122,137 169,256 131,406 635,796 8rd Qr. Aggregate.	Index. 1488 1533 1687 1783 1662 , 1925. Index.	Aggregate. 212,856 122,934 168,151 130,226 634,166 4th Qr	Index. 1487 1487 1676 1767 1598 -, 1925. Index.
Housing Clothing Mincellaneous Total P. and Gree.	Aggregate, 222,016 119,030 173,870 136,638 651,554 1st Qr Aggregate, 216,863	Index. 1551 1494 1733 1854 1642 1925. Index. 1515	Aggre- gate. 217,298 121,420 171,563 134,668 644,334 2nd Qr Aggre- gate. 222,732	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556	Aggregate. 212,998 122,137 169,255 131,465 635,796 8rd Qr. Aggregate. 225,881	Index. 1488 1533 1687 1783 1642 , 1925. Index. 1578	Aggregate. 212,855 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881	Index. 1487 1543 1676 1767 1598 1, 1925. Index. 1578
Housing Clothing Mincellaneous Total	Aggregate, 222,016 119,030 173,870 136,638 651,664 Ist Qr Aggregate, 216,863 123,492	Index. 1551 1494 1733 1854 1642 1925. Index. 1515	Aggregate, 217,298 121,429 171,563 134,668 644,334 2nd Qr Aggregate, 222,732 123,731	Index. 1518 1524 1710 1819 1624 ., 1926. Index. 1556 1553	Aggregate, 212,998 122,197 169,256 131,466 635,796 3rd Qr. Aggregate, 225,881 123,492	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550	Aggregate. 212,855 122,934 168,151 130,226 634,166 4th Qr Aggregate. 225,881 124,200	Index. 1487 1543 1676 1767 1598 , 1925. Index. 1578 1559
Housing Clothing . Mincellaneous Total F. and Gree. Housing . Clothing	Aggregate, 222,016 119,030 171,870 136,638 651,564 Ist Qr Aggregate, 216,963 123,492 166,947	Index. 1551 1494 1733 1854 1642 , 1925. Index. 1515 1550 1664	Aggregate. 217,298 121,420 171,563 134,658 644,334 2nd Qr Aggregate. 222,732 123,731 166,644	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1553 1656	Agero- gate. 212,998 122,137 169,255 131,465 635,796 8rd Qr. Agero- gate. 225,881 123,492 165,142	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550 1646	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 160,426	Index. 1487 1543 1676 1767 1598 1598 Index. 1578 1569 1599
Housing Clothing Mincellaneous Total	Aggregate, 222,016 119,030 173,870 136,638 651,664 Ist Qr Aggregate, 216,863 123,492	Index. 1551 1494 1733 1854 1642 1925. Index. 1515	Aggregate, 217,298 121,429 171,563 134,668 644,334 2nd Qr Aggregate, 222,732 123,731	Index. 1518 1524 1710 1819 1624 ., 1926. Index. 1556 1553	Aggregate, 212,998 122,197 169,256 131,466 635,796 3rd Qr. Aggregate, 225,881 123,492	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550	Aggregate. 212,855 122,934 168,151 130,226 634,166 4th Qr Aggregate. 225,881 124,200	Index. 1487 1543 1676 1767 1598 , 1925. Index. 1578 1559
Housing Clothing Mincellaneous Total F. and Grec. Housing . Clothing	Aggregate, 222,016 119,030 173,870 136,638 651,554 1st Qr Aggregate, 216,863 123,492 166,947 129,047	Index. 1551 1494 1733 1854 1662 -, 1925. Index. 1515 1550 1664 1751	Agerro- gate. 217,258 121,420 171,563 134,668 644,334 2md Qr Agerro- gate. 222,732 123,731 166,644 128,678	Index. 1518 1524 1710 1819 1624 - 1925. Index. 1556 1553 1656 1746	Agero- gate. 212,996 122,137 169,256 131,465 635,796 8rd Qr. Agero- gate. 225,881 123,492 165,142 128,236	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550 1646 1746	Aggregate 212.855 122.934 168,151 130,226 634,166 4th Qr Aggregate 225,881 124,200 160,426 126,699	Index. 1487 1543 1676 1767 1598 1, 1925. Index. 1578 1559 1711
Housing Clothing . Mincellaneous Total F. and Gree. Housing . Clothing	Aggregate, 222,016 119,030 171,870 136,638 651,564 Ist Qr Aggregate, 216,963 123,492 166,947	Index. 1551 1494 1733 1854 1642 , 1925. Index. 1515 1550 1664	Aggregate. 217,298 121,420 171,563 134,658 644,334 2nd Qr Aggregate. 222,732 123,731 166,644	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1553 1656	Agero- gate. 212,998 122,137 169,255 131,465 635,796 8rd Qr. Agero- gate. 225,881 123,492 165,142	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550 1646	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 160,426	Index. 1487 1543 1676 1767 1598 1598 Index. 1578 1569 1599
Housing Clothing Mincellaneous Total F. and Grec. Housing . Clothing	Aggre- gate. 222,016 119,030 171,870 136,638 651,554 Int Qr Aggre- gate. 216,863 123,492 166,947 129,847	Index. 1551 1494 1733 1854 1642 -, 1925. Index. 1515 1550 1664	Aggre- gate. 217,293 121,429 171,563 134,668 644,334 2nd Qr Aggre- gate. 222,732 123,731 166,644 128,678	Index. 1518 1524 1710 1819 1624 1925. Index. 1556 1553 1656 1746 1616	Aggregate, 212,998 122,137 169,256 131,465 635,786 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1554 1646 1746	Aggregate. 212.855 122.934 168.151 180.226 634.166 4th Qr Aggregate. 225.891 124.200 166.426 126.426 636.615	Index. 1487 1543 1676 1767 1598 1598 1578 1559 1511 1664
Housing Clothing Mincellaneous Total F. and Grec. Housing . Clothing	Aggre- gate. 222,016 119,030 173,870 136,638 651,564 1st Qr Aggre- gate. 216,863 123,492 166,347 129,047	Index. 1551 1494 1733 1854 1662 -, 1925. Index. 1515 1550 1664 1751	Aggre- gate. 217,298 121,429 171,563 134,658 644,334 2nd Qr Aggre- gate. 222,732 123,731 166,644 128,678 641,185	Index. 1518 1524 1710 1819 1624 1925. Index. 1556 1553 1656 1746 1616	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 3rd Qr.	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1554 1646 1746	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,891 124,200 160,426 126,699	Index. 1487 1543 1676 1767 1598 1, 1925. Index. 1578 1559 1711
Housing Clothing Mincellaneous Total F. and Grec. Housing . Clothing	Aggregate gate, 222,016 119,030 173,676 126,636 651,554 Int Qr Aggregate 216,063 123,492 165,947 656,349 Aggregate	Index. 1551 1494 1733 1854 1642 1, 1925. Index. 1515 1550 1664 2751 1604	Aggregate, 217,298 121,420 121,420 171,553 134,658 644,334 222,732 122,731 166,644 128,678 641,185 2mil Qr. Aggregate, 222,732 123,731 166,444 128,678 2mil Qr. Aggregate, 222,732 123,731 166,444 128,678 2mil Qr. Aggregate, 222,732 124,678 2mil Qr. Aggregate, 222,732 2mil Qr. Aggregate, 222,731 Qr.	Index. 1518 1524 1710 1819 1624 1926. 1556 1566 1746 1616 1926.	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,751 3rd Qr. Aggregate, 235,826 442,751	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550 1640 1740	Aggregate. 212.865 122.934 168.151 130.226 634.166 4th Qr Aggregate. 225.881 124.200 160.426 126,699 4th Qr Aggregate. 4th Qr Aggregate. 4th Qr	Index. 1487 1543 1676 1477 1598 1598 1598 1578 1569 1711 1664 1926.
F. and Grec. Housing Clothing Total F. and Grec. Housing Clothing Mincellaneous Total	Aggre- gate. 222,016 119,030 173,870 136,638 651,564 1st Qr Aggre- gate. 216,863 123,492 166,347 129,047	Index. 1551 1494 1733 1854 1642 -, 1925. Index. 1515 1550 1664	Aggre- gate. 217,298 121,429 171,563 134,658 644,334 2nd Qr Aggre- gate. 222,732 123,731 166,644 128,678 641,185	Index. 1518 1524 1710 1819 1624 1925. Index. 1556 1553 1656 1746 1616	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 3rd Qr.	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1554 1646 1746	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,891 124,200 160,426 126,699	Index. 1487 1543 1676 1767 1598 1598 1578 1559 1511 1664
F. and Gree. Housing F. and Gree. Housing Clothing Miscellaneous Total P. and Gree. and Housing	Aggregate gate, 222,016 119,030 173,676 126,636 651,554 Int Qr Aggregate 216,063 123,492 165,947 656,349 Aggregate	Index. 1551 1494 1733 1854 1642 1, 1925. Index. 1515 1550 1664 2751 1604	Aggregate, 217,298 121,420 121,420 171,553 134,658 644,334 222,732 122,731 166,644 128,678 641,185 2mil Qr. Aggregate, 222,732 123,731 166,444 128,678 2mil Qr. Aggregate, 222,732 123,731 166,444 128,678 2mil Qr. Aggregate, 222,732 124,678 2mil Qr. Aggregate, 222,732 124,678 2mil Qr. Aggregate, 222,732 2mil Qr. Aggregate, 232,732 2mil Qr	Index. 1518 1524 1710 1819 1624 1926. 1556 1566 1746 1616 1926.	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,751 3rd Qr. Aggregate, 235,826 442,751	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1550 1640 1740	Aggregate. 212.865 122.934 168.151 130.226 634.166 4th Qr Aggregate. 225.881 124.200 160.426 126,699 4th Qr Aggregate. 4th Qr Aggregate. 4th Qr	Index. 1487 1543 1676 1477 1598 1598 1598 1578 1569 1711 1664 1926.
F. and Grec. Honoing F. and Grec. Housing Clothing Mincellaneous Total P. and Grec. and Housing Clothing	Aggregate, 222,016 119,030 173,870 126,636 651,554 1st Qr Aggregate, 123,492 166,947 129,647 656,349 1st Qr Aggregate, 166,947 129,647	Index. 1561 1494 1733 1854 1642 1, 1925. Index. 1515 1664 1751 1604 1924. Index.	Aggregate, 217,298 217,298 121,420 121,420 171,568 644,234 2nd Qr Aggregate, 222,732 123,731 166,644 128,678 641,185 find Qr Aggregate,	Index. 1518 1524 1710 1819 1624 ., 1925. Index. 1556 1746 1616 ., 1926. Index. 1810 1636	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 3rd Qr. Aggregate, 253,110 154,647	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1556 1540 1629 , 1924. Index. 1766 1541	Aggregate. 212,865 122,934 168,151 130,226 634,166 4th Qr Aggregate. 225,881 124,200 160,426 126,699 636,615 4th Qr Aggregate.	Index. 1487 1443 1676 1676 1696 1, 1925. Index. 1578 1559 1711 1664 1926. Index.
F. and Gree. Housing F. and Gree. Housing Clothing Miscellaneous Total P. and Gree. and Housing	Aggregate 222,016 119,030 1173,570 126,636 651,554 Int Qr Aggregate 216,863 123,492 164,947 123,647 636,349 Int Qr Aggregate 231,349 216,947 636,349	Index. 1551 1494 1731 1854 1642 1515 1550 1664 1751 1604 1756 1756 1756 1756	Aggregate, 217,298 121,429 121,429 121,429 121,429 121,458 644,334 222,732 123,731 166,644 128,673 641,185 2nd Qr.	Index. 1518 1524 1710 1819 1624 -, 1926. Index. 1553 1656 1746 1616 1926. Index.	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 3rd Qr. Aggregate, 253,110 154,647	Index. 1488 1533 1687 1783 1682, 1925. Index. 1578 1550 1642 1746 1746 1746 1746 1746 1746 1746 1746	Aggregate. 212.855 122.934 168.151 139.226 634,166 4th Qr Aggregate. 25.881 124.209 169.426 4th Qr Aggregate. 536,615 4th Qr Aggregate. 551,310	Index. 1487 1143 1676 11676 11676 11696 11925. Index. 1578 1569 1711 1664 1926. Index. 1757
F. and Gree. Housing P. and Gree. Housing Clothing Mincellaneous Total P. and Gree. and Housing Clothing Mincellaneous	Aggregate 119,08 173,870 136,638 651,554 1st Qr Aggregate, 216,863 123,49 164,947 123,647 636,349 1st Qr Aggregate, 251,110 157,818 125,678	Index. 1551 1494 1733 1854 1642 1925. Index. 1515 1664 1751 1604 1751 1604 1751 1756 1573 1768	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing P. and Gree. Housing Clothing Mincellaneous Total P. and Gree. and Housing Clothing Mincellaneous	Aggregate 222,016 119,030 173,870 136,638 651,654 1st Qr Aggregate 216,863 123,49 164,947 123,847 636,349 251,110 157,818	Index. 1551 1494 1733 1854 1642 1515 1550 1664 1751 1604 1751 1756 1573	Aggregate, 217,298 217,298 217,298 121,450 171,560 171,560 224 Qr Aggregate, 222,732 123,732 123,732 166,641,185 2nd Qr Aggregate, 222,732 151,678	Index. 1518 1524 1710 1819 1624 ., 1925. Index. 1556 1746 1616 ., 1926. Index. 1810 1636	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 3rd Qr. Aggregate, 253,110 154,647	Index. 1488 1533 1687 1783 1662 , 1925. Index. 1578 1556 1540 1629 , 1924. Index. 1766 1541	Aggregate. 212,865 122,934 168,151 139,228 634,166 4th Qr Aggregate. 225,891 124,200 160,426 126,699 636,615 4th Qr Aggregate. 25,591 124,200 160,426 126,699	Index. 1487 1443 1676 1676 1696 1, 1925. Index. 1578 1559 1711 1664 1926. Index.
F. and Grec. Honoing F. and Grec. Housing Clothing Mincellaneous Total P. and Grec. and Housing Clothing	Aggregate 222,016 119,030 173,870 136,638 651,654 1st Qr Aggregate, 216,863 123,492 166,947 129,047 656,349 1st Qr Aggregate, 351,110 157,818 125,978 654,006	Index. 1551 1494 1733 1854 1642 1925. Index. 1515 1550 1664 1751 1604 1751 1766 1573 1768 1600	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing P. and Gree. Housing Clothing Mincellaneous Total P. and Gree. and Housing Clothing Mincellaneous	Aggregate gate, 222,016 119,030 173,870 136,638 651,654 lst Qr. Aggregate, 216,863 123,492 166,947 129,047 636,349 lst Qr. Aggregate, 231,110 157,818 125,878 634,906	Index. 1551 1494 1733 1854 1642 1515 1560 1664 1751 1604 1573 1708 1600 1827.	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing P. and Gree. Housing Clothing Mincellaneous Total P. and Gree. and Housing Clothing Mincellaneous	Aggregate, 222,016 119,030 173,870 126,636 651,554 Int Qr. Aggregate, 216,963 123,492 166,947 129,047 656,349 Lat Qr. Aggregate, 251,110 157,818 654,866 1st Qr. Aggregate, 252,868	Index. 1551 1494 1733 1854 1642 1515 1550 1664 1751 1604 1575 1766 1573 1768 1600 1927.	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing F. and Gree. Housing Clothing Miscellaneous Total P. and Gree. and Housing Clothing Miscellaneous Total	Aggregate gate, 222,016 119,030 173,870 136,638 651,654 lst Qr. Aggregate, 216,863 123,492 166,947 129,047 636,349 lst Qr. Aggregate, 231,110 157,818 125,878 634,906	Index. 1551 1494 1733 1854 1642 1515 1560 1664 1751 1604 1573 1708 1600 1827.	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing Clothing Mincellaneous Total	Aggregate gate, 222,016 119,030 173,870 126,636 651,554 1st Qr. Aggregate, 123,492 166,547 123,492 166,547 123,492 166,547 125,647 656,349 1st Qr. Aggregate, 157,818 125,978 654,366	Index. 1551 1494 1733 1854 1642 1515 1550 1664 1751 1604 1573 1708 1600 1327.	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing Clothing Total Total F. and Gree. Housing Clothing Miscollaneous Total F. and Gree. and Housing Clothing Total F. and Gree. and Housing Total F. and Gree.	Aggregate 222,016 119,030 113,636 113,636 651,654 1st Qr Aggregate 216,863 123,492 166,947 123,947 656,349 1st Qr Aggregate 351,110 157,818 126,978 634,966 1st Qr Aggregate 351,110 3	Index. 1551 1494 1733 1854 1642 1925. Index. 1515 1550 1664 1751 1504 1928. Index. 1756 1573 1768 1600 1927. Index. 1741	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Hiscollaneous F. and Gree. Housing . Clothing . Miscollaneous Total F. and Gree. and Housing Clothing . Miscollaneous Total F. and Gree. and Housing Clothing . Miscollaneous Total	Aggregate gate, 222,016 119,030 173,870 136,638 651,654 lst Qr. Aggregate, 216,963 123,492 164,947 129,047 636,349 lst Qr. Aggregate, 251,110 157,818 125,678 634,906 lst Qr. Aggregate, 248,111 152,460	Index. 1551 1494 1733 1854 1642 1515 1550 1664 1751 1604 1573 1708 1600 1527. Index. 1741 1519	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Housing Clothing Total Total F. and Gree. Housing Clothing Miscollaneous Total F. and Gree. and Housing Clothing Total F. and Gree. and Housing Total F. and Gree.	Aggregate 222,016 119,030 113,636 113,636 651,654 1st Qr Aggregate 216,863 123,492 166,947 123,947 656,349 1st Qr Aggregate 351,110 157,818 126,978 634,966 1st Qr Aggregate 351,110 3	Index. 1551 1494 1733 1854 1642 1925. Index. 1515 1550 1664 1751 1504 1928. Index. 1756 1573 1768 1600 1927. Index. 1741	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753
F. and Gree. Hiscollaneous F. and Gree. Housing . Clothing . Miscollaneous Total F. and Gree. and Housing Clothing . Miscollaneous Total F. and Gree. and Housing Clothing . Miscollaneous Total	Aggregate gate, 222,016 119,030 173,870 136,638 651,654 lst Qr. Aggregate, 216,963 123,492 164,947 129,047 636,349 lst Qr. Aggregate, 251,110 157,818 125,678 634,906 lst Qr. Aggregate, 248,111 152,460	Index. 1551 1494 1733 1854 1642 1515 1550 1664 1751 1604 1573 1708 1600 1527. Index. 1741 1519	Aggregate 217,293 121,453 121,453 134,658 644,334 2nd Qr Aggregate, 222,732 123,732 166,644 128,678 641,185 2nd Qr Aggregate, 251,508 156,012 127,941	Index. 1518 1524 1710 1819 1624 -, 1925. Index. 1556 1558 1746 1616 -, 1926. Index. 1810 1656 1736	Aggregate, 212,998 122,137 169,256 131,465 635,796 8rd Qr. Aggregate, 225,881 123,492 165,142 128,236 642,761 9rd Qr. Aggregate, 253,110 154,607 129,194	Index. 1488 1523 1687 1783 1662 , 1925. Index. 1578 1556 1746 1746 1629 , 1928. Index.	Aggregate. 212,865 122,934 168,151 130,228 634,166 4th Qr Aggregate. 225,881 124,200 164,426 126,699 636,615 4th Qr Aggregate. 351,310 154,607 129,194	Index. 1487 1143 11678 11678 11698 1178 11599 1711 1604 11928. Index. 1757 11541 1753

TABLE 2.

Experimental index numbers of cost of living for Sydney and Melbourne for November, 1920, and for the fourth quarter of 1926, with the average cost in the six capital cities in November, 1924, equals 1000.

Separate index numbers for food and groceries and for housing were used in compiling these indexes for the fourth quarter of 1926, instead of the combined food, groceries and housing index used in compiling the index for the six capital cities in Table 1. Otherwise the group aggregates are compiled in the same way as those in Table 1.

		Syd	DET.	•	Melbourne.			
		, 1920.		r., 1 926 .	Nov.		4th Qu	., 1926.
	Aggre- gate.	Index.	Aggre-	Index.	Aggre- gate.	Index.	Aggre-	Index.
F. and Groc.	273,548	1911	232,466	1624	272,408	1908	215,718	1507
Housing Clothing	120,384 254,334	1511 2 5 35	187,855 154,607	1724 1541	99,112 254,834	1244 2586	128,0 33 154, 60 7	1607 1541
Miscellaneous	165,013	2239	129,194	1758	165,012	2230	129,194	1758
Total	818,278	2049	658,622	1647	790,861	1993	627,552	1581

APPENDIX E.

Two New Zealand retail prices index numbers (Monthly Abstract of Statistics) and an arithmetical average of them, with the miscellaneous index given a weight of 14 and the fuel and light index a weight of 5.

						Miscellaneous F	nel and Light	Average.
July.	1914					 1000	1000	1000
Aug.	1915	••	•••	••	•••	1065	1017	1052
Aug.,						 1221	1160	1205
Aug.,						 1438	1293	1400
Aug.	1918		••			1753	1343	1645
Feb.	1919					1946	1410	1805
Aug.,	1919		• •			1997	1501	1866
Feb.	1920		•		•••	2189	1625	2041
Aug.,	1920	٠.			• •	 2317	1830	2189
Feb.	1921					2425	1907	2289
Aug.,	1921					2343	1982	2248
Feb.,				•••	•	2209	1924	2134
Aug.	1922					2016	1780	1954
Feb.	1923					1930	1735	1879
Aug.,	1923					1861	1730	1826
Feb.	1924			•••		 1866	1822	1854
Aug.,	1924			• •		 1799	1739	1783
Feb.	1925				•••	1764	1716	1751
Aug.,	1925					 1743	1733	1740
Nov.	1925		••		••	 1699	1743	1711
Feb.,	1926				•••	1688	1763	1708
May,	1926		•••		••	 1726	1763	1736
Aug.,	1926			• •	••	 1747	1770	1753
Nov.	1926		••	••		 1748	1769	1753
Feb.	1927	••	••	• •	• •	 1734	1769	1748

APPENDIX F.

United States Bureau of Labor Statistics retail prices index numbers of house furnishings, fuel and light, and miscellaneous items (Monthly Labor Review, Feb., 1927, p. 181), and a simple arithmetical average of the three indexes.

	-	House	Fuel and		Simple .
		furnishings.	light.	Miscellaneous.	
1913	•.	100	100	100	100
Dec.,	1914	104	101	103	103
Dec.,	1915	110.6	101	107.4	106
Dec.	1916	127.8	108.4	113.3	117
Dec.	1917	150.6	124.1	140.5	138
Dec.,	1918	213.6	147.9	165.8	176
June,	1919	225.1	145.6	173.2	181
Dec.,	·1919	263.5	156.8	190.2	204
June,	1920	292.7	171.9	201.4	222
Pec.,	1920	285.4	194. 9	208.2	230
May,	1921 -	247.7	181.6	208.8	213
Sep.,	1921	224.7	180.7	207.8	204
Dec.,	1921	218.0	181.1	206.8	202
Mar.,	1922	206.2	175.8	203.3	195
June,	1922	2 02. 9	174.2	201.5	193
Sep.,	1922	202.9	183. 6	201.1	196
Dec.,	1922	208.2	. 186.4	200.5	198
Mar.,	1923	217.6	186.2	200.3	201
June,	1923	222.2	180.6	200.3	201
Sep.,	1923	2 22. 4	181. 3	201.1	202
Dec.,	1923	· . 222.4	184.0	201.7	203 ·
Mar.,	1924	221.3	182.2	201.1	202
June,	1924	216.0	177.3	201.1	198
Sep.,	1924	214.9	179.1	201.1	198
Dec.,	1924	216.0	180.5	201.7	199
June,	1925	214.3	176.5	2 02. 7	198
Dec.,	1925	214.3	186.9	203.5	202
June,	1926	210.4	180.5	2 03. 3	198
Dec.	1926	. 207.7	188.3	203.9	200

APPENDIX G.

Number of persons engaged, horse-power of engines used, and horse-power of engines used per person engaged in "factories" in the Commonwealth (Production Bulletins).

In All Factories.

1911 1924-5 1925-6	Persons engaged. 311,710 439,949 450,920	Horse-power of engines used. 343,550 1,260,076 1,335,202	Horse-power of engines used per person engaged. 1.005 2.864 2.961	Index. 1,000 2,850 2,946
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In All Factories, Except the Heat, Light and Power Group.

1911 1924-5 1925-6	Persons engaged. 304,059 426,214 439,386	Horse-power of engines used. 230,624 613,471 668,526	Horse-power of engines used per person engaged758 1.439 1.522	Index. 1,000 1,898 2,008
2020-0	100,000	000,020		_,

APPENDIX H.

Simple arithmetic averages of the hours of labour in certain manufacturing industries in the six capital cities in the Commonwealth (*Labour Reports*), and an average for all manufactures weighted according to the number in each industrial group in the Commonwealth at the 1911 Census. (See *Labour Report No.* 2, pp. 22 and 23, for the explanation of the weights.)

	Weights from		
	"Labour Rep.,	Hours, 30th	Hours, 31st
	No. 5," p. 45.	April, 1914.	Dec., 1925.
I. Wood, furniture, etc	435	47.78	45.98
II. Engineering, metal works, etc.	606	47.79	47.50
III. Food, drink, etc	561	49.18	46.40
IV. Clothing, boots, etc	231	47.90	45.56
V. Books, printing, etc	169	46.27	44.79
VI. Other manufactures	400	48.14	47.06·
Average weighted with above			. *
weights		48.07	46.52
Index based on general average		1000	968
Simple arithmetic average of the	1		
averages for the six groups	5 '	47.84	46.22
Index based on the simple average	=	1000	966
THUCK DEDCT OU THE STIMBLE SACTARE	.	1000	200

APPENDIX L

Table showing a certain misleading index number of the physical volume of production in manufacturing industry in the Commonwealth, with the materials for its compilation.

Value added, in the later *Production Bulletins* of the Commonwealth Bureau of Census and Statistics, is taken to be the value of output minus the value of materials and fuel and light used in production.

Only factories using power or employing four or more hands are included in the statistics in the *Production Bulletins*.

	Value added, "Prod. Bul. No. 80."	Hands employed (including working proprietors, ("Prod. Bulietins").	Value added per person engaged.	Index of value added per person engaged.	Misleading manufacturing production prices index, "Commonwealth Production Builetin, No. 80."	Misleading ind. of vol. of prod. per person engaged in manufacturing in Common- wealth, (4) + (5) X 1000.
	(1)	(2)	(3)	· (4)	(5)	(6)
****	£000	057 404	5	865	886	976
1908	83,956	257,494	131. 9 138. 4	907	917	989
1909	36,913	266,661 286,928	147.9	970	977	993
1910 1911	42,442 47,531	311,710	152. 5	1.000	1,000	1,000
1912	53,401	327,456	163.1	1,069	1,056	1,012
1913	57,674	337,101	171.1	1,122	1,096	1,024
1914	59,004	331,728	177.9	1,166	1,128	1,034
1915	59,212	321,071	184.4	1,209	1,153	1,049
1916	60,502	316,752	191.0	1,252	1,181	1,060
1917	65,327	321,670	203.1	1,332	1,270	1,049
1918	70,087	328,049	213.6	1,401	1,328	1,055
1918-19	,	340,475				•
1919-20	92,330	376,734	245.1	1,607	1,529	1,051
1920-21	101,778	386,639	263.2	1,726	1,666	1,036
1921-22	112,517	395,425	284.5	1,865	1,788	1,043
1922-23	123,188	412,410	298.7	1,959	1,849	1,059
1923-24	132,732	429,990	308.7	2,024	1,881	1,076
1924-25	137,977	439,949	313.6	2,056	1,904	1,080
1925-26	143,256	450,920	317.7	2,083	1,921	1,084

APPENDIX J.

Rough estimates of the relative importance in wholesale trade of the groups of commodities in the Melbourne wholesale prices index number.

Group I.—Metals and Coal.

Group I. in the Melbourne index includes only metals and eoal, and the title claims no more; and if it is not to be considered representative of the price movements also of metal products, the commodities in this group are already overweighted. It is certain also that the price movements of metals. although in the same direction usually as the price movements of metal products, are much greater, but to counteract this the price of coal is more steady. The annual average price of coal quoted in the Labour Reports shows a steady rise during the whole period 1906 to 1926. There is something to be said for the view that in normal times, in the absence of price quotations for a number of metal products, the group I. commodities should be considered to represent the price movements of metal products better than primary products or building materials or chemicals or groceries. In the abnormal war period and in the vear 1918 to 1919 the metals in group I. fluctuated in price more than metal products as a whole. Of course, if price quotations could be obtained for metal products, it would be a very great improvement to give the extra representative weight to them even if their own relative importance in wholesale trade were not very large.

The total value of output of the metal works and machinery group of "factories" in the Commonwealth in 1924-5 was £m. 76, the total value of imports of metals and machinery £m. 46, and the total value of mineral production £m. 25. Imports of minerals were negligible for this purpose. These three items above total £m. 147, which is 17.5% of £m. 840. There should be in the index number goods with about this percentage weight to represent the price movements of this important group of commodities, but group I. commodities have only 11% weight in the Melbourne index for 1915. Coal, however, should not be increased in weight; in fact, unless it can be shown to represent fairly well the price movements of omitted commodities its percentage weight should be reduced, because only £m. 11.6 of coal was produced in the Commonwealth in 1924-5, which is only 1.4% of £m. 840.

Group II .- Textiles, Leather, Etc.

Textiles, leather, etc., forms the title for group II. in the Melbourne index in the table at the end of the Labour Reports giving the average annual price quotations, but the only textiles included are branbags, cornsacks and woolpacks. The other commodities included are raw cotton and wool (presumably set there mainly to represent cotton and woollen textiles, because the production and imports of raw cotton are negligible), three kinds of

leather, and twine and tallow. The following table shows an attempt to estimate for the Commonwealth the total value of output plus imports of the commodities supposed to be represented in the Melbourne index, group II., with the idea of comparing the amount with the £m. 840, which is a rough estimate (or rather underestimate), of the total value of output plus imports:

Australian Commonwealth, 1924-5. (Production Bulletin and Overseas Trade Bulletin.)	•
Value of wool produced	£m. 76.3 .3
Imports of raw cotton	.1
Boiling down, tallow refining and bone milling	1.6 5.2 8.3
Boots and shoes	1.4 9.8 35.3
Value of imports of leather goods	.6 42.3
Total value of output, plus imports of the goods supposed to be represented in Group II. of the Melbourne index	181.2

£m. 181.2 is 21.6% of £m. 840, and wool production plus imports 9.1%. A similar calculation for the United States for the year 1919, using the statistics in the Abstract of the 1919 Census for production and Statistical Abstract for 1919 for statistics of imports, gives 15.3%. That is, in the United States in 1919 the output of the goods supposed to be represented in the Melbourne index, group II., in the factories included in the Census investigation (those with an output of less than 500 dollars were excluded) plus the imports of the same commodities were valued in those statistical publications at 13,880 million dollars, which is 15.3% of the rough underestimate given in chapter V. of the total value of output plus imports in the United States in 1919.

Group III.—Agricultural Produce.

The value of production in Agriculture in the Commonwealth in 1924-5 was £m. 107.1; this plus the value of the imports of the principal agricultural products (Production Bulletin) £m. 9.6, is still only 14% of £m. 840. If we subtract from the £m. 116.7 and the £m. 840 half the value of hay produced in that year the percentage agricultural products forms of the other is just 13%. Certain proportions of such products as straw, maize and barley are also consumed on the farms, and the value of wholesale trade is sure to be more than £m. 840. Bearing these facts in mind, along with the general principle of not giving too much weight to commodities which fluctuate abnormally in price, we should have no hesitation in concluding that even in drought periods, when prices are high, agricultural products in the index number should not have as great a weight as 12%. Yet in the Melbourne index for 1915 this group of products has 38% weight, and in the Sydney index 25%.

Group IV.—Dairy Produce.

The total value of production of dairy produce as estimated in the Commonwealth Production Bulletin was, in 1924-5, £m. 45, and total imports £168,755. £m.45 is only 5.4% of £m. 840, but these products have 9% weight in the Melbourne index for 1915, which is clearly too much, unless we know that the price movements of dairy products are similar to the price movements of other commodities which are excluded from the index number.

Group V.-Groceries.

One way of making a rough guess at the percentage weight in wholesale trade of this group of commodities is to take the total value of output in the "factories" in the food and drink group of the Production Bulletin, and subtract the value of the output of bacon, butter, cheese and condensed milk and malt, and the value of the output of flour mills, because these products are included in groups III. and IV. This leaves £m. 76.7. If we add to this the total value of imports of tobacco and its preparations and of spirituous liquors and of foods stuffs of vegetable origin (this last item contains only negligible quantities of group III. products), the total £m. 87.7 is only 10.4% of £m. 840. The groceries group should not have more weight than about 10%, unless the price movements of the goods included can be considered representative of the price movements of goods excluded. This group of commodities has 11% weight in the Melbourne index for 1915.

Group VI .- Meat.

An estimate is given in Labour Report No. 1 of the annual average consumption of beef, veal, mutton, lamb and pork in the Commonwealth in the period 1906 to 1910, pp. 20, 44 and 45, as follows:

Beef	390 m. lbs.
Veal	20 m. lbs.
Mutton	330 m. lbs.
Lamb	56 m. lbs.
Pork	37 m. lbs.

The actual figure for lamb in Labour Report No. 1, p. 45, is 2,000,000 lambs, but this was, after 1914, taken to be equivalent to 56,000,000 lbs. This shows the amount of veal to be about 1/21 of the total consumption of beef and veal, and the amount of lamb to be about 1/7 of the total consumption of mutton and lamb. We can use these proportions in estimating roughly the amount of beef and veal in the estimate given in the Year Book for 1926, p. 608, of the annual average Commonwealth production in the years 1922-3 to 1924-5 of beef and veal, and the amount of mutton and lamb in the estimate of the annual average annual production of mutton and lamb in the same period, given on p. 614, and in calculating from these estimates the value of the annual average production of meat in that period at the wholesale prices given for Melbourne for 1924 in the 1924 Labour Report. This will give us a figure

which we can compare with the rough estimate of the value of output plus imports in the Commonwealth in the year 1924-5, namely, £m. 840. In this way we may obtain a rough notion of the percentage weight which should be given to meat in the Melbourne wholesale prices index number.

Estimate of the annual average Commonwealth production of beef and veal, 1922-3 to 1924-5	- ·			
Estimate of the annual average Commonwealth production of beef and veal, 1922-3 to 1924-5		w lhe	Average price per lb. Melbourne in 1924.	Value of average annual production, 1922-2 to 1924-6, at Melbourne, 1924, prices.
monwealth production of beef and veal, 1922-3 to 1924-5	The Administration of the second of the seco	m. Ibs.	đ.	£m.
20/21 of this assumed to be beef	monwealth production of beef and			
1/21 of this assumed to be veal				
Estimate of the annual average Commonwealth production of mutton and lamb, from 1922-3 to 1924-5				16.6
monwealth production of mutton and lamb, from 1922-3 to 1924-5		52	3.75	.8
and lamb, from 1922-3 to 1924-5				
6/7 of this assumed to be mutton				
1/7 of this assumed to be lamb 66 8.625 As can be seen from the table in Appendix K, the cost of the mass unit of pork in 1922 and in 1926 was nearly as great as that of lamb; there is no large error in assuming that the value of pork produced was as great as the value of lamb produced. Therefore £m. 2.4 is set down as a rough guess of the value of pork produced on the average in the years 1922-3 to 1924-5				
As can be seen from the table in Appendix K, the cost of the mass unit of pork in 1922 and in 1926 was nearly as great as that of lamb; there is no large error in assuming that the value of pork produced was as great as the value of lamb produced. Therefore £m. 2.4 is set down as a rough guess of the value of pork produced on the average in the years 1922-3 to 1924-5				
	As can be seen from the table in Appendix K, the cost of the mass unit of pork in 1922 and in 1926 was nearly as great as that of lamb; there is no large error in assuming that the value of pork produced was as great as the value of lamb produced. Therefore £m. 2.4 is set down as a rough guess of the value of pork produced on the average in the years		8.625	,
	1922-3 to 1924-5			

This £m. 32 is 3.8% of £m. 840. These two figures do not apply to the same period, but the periods are near enough to give us a notion of the relative size of the two quantities in the same period. They suggest that meat in an Australian wholesale prices index number should not have more weight than about 3.8% on its own account.

The prices of cattle and beef in the United States from 1890 to 1925 fluctuated in much the same way; the price movements of hogs and pork were very similar; a glance at charts 8 and 9 in the United States Bureau of Labor Statistics' Wholesale Prices Bulletin No. 415 shows this conveniently. A comparison of the price relatives for wethers and ewes (p. 50) with the price relative for dressed mutton (p. 74) shows that, while the movements of the prices of sheep and mutton were not so much alike as the movements of the prices of meat and cattle, yet there was sufficient resemblance to justify us in considering meat and live stock to be in the same price behaviour group in

the United States. It is very probable that the same holds for Australia. If no price quotations are available for live stock, it is suitable to add some percentage weight to meat as representative of live stock.

It is easier to make an estimate of the total value of meat sold plus the total value of live stock sold for the United States than for Australia, because, in the Abstract of the 1919 Census, there is given an estimate of the value of all domestic animals sold or slaughtered on farms in the United States in 1919, namely, 3,511 million dollars (p. 807). Of the 92,000,000 animals represented by the 3,511 million dollars, 20% were estimated to be slaughtered on farms and ranges (p. 55, vol. X. of the 1919 Census). The value of animals sold was probably not far from 80% of the 3,511 million dollars, or 2,800 million dollars, which is 3% of 90,900 million dollars. The value of fresh meat produced in the slaughtering and meat packing industry in the United States in 1919 is given on p. 56, vol. V., of the Census as 1,639 million dollars, which is 1.8% of 90,900 million dollars. The total value of meat sold in the United States in that year might have been as high as 2% of the 90,900 million dollars. The total value of fresh meat sold plus the value of live stock sold in the United States in 1919 was about 5% of the rough estimate of the total value output plus imports for all industries.

Let us consider now the estimate of the value at 1924 prices in Melbourne of the average annual production of meat in Australia in 1922-3 to 1924-5 as a percentage of the rough estimate of the value of output plus imports for Australia in the year 1924-5, namely, 3.8%. If the value of live stock sold in Australia were one and a half times the value of fresh meat sold, corresponding roughly to the situation in the United States, the total value of meat produced and live stock sold in Australia in 1924-5 would have been round about £m. 80, or about 9.5% of £m. 840. The percentage weight allowed in the wholesale prices index number, even if no live stock is included in the index, should not be as high as 9.5% for the following reasons. £m. 840 is less than the total value of wholesale trade, and the price of meat fluctuates much more than the general price level. Probably it should never have a greater percentage weight than about 6% or 7%.

Group VII.—Building Materials.

An approximation to the output plus imports of these goods in 1924-5 may be obtained by adding the value of output of the "factories" producing stone, clay, bricks and glass (Group III., Table 182, Production Bulletin), the output of the "factories" producing paints and varnishes, the value of paints and varnishes imported, and the value imported of stones and minerals minus the value imported of ores and concentrates (Class II., Imports, in Overseas Trade Bulletin No. 22), and the value of forestry production. The forestry production is obtained from the value of production in forestry and fisheries

(Production Bulletin No. 18, p. 163) minus the value of fisheries production collected from the various items on p. 93. The total value of production plus imports of these building materials mentioned comes to £m. 26.2. This total should be diminished by about £m. 2 because of the inclusion in Group III. in Table 182 of the Production Bulletin of the output of modelling, ornamental glass and bottles. £m. 24.2 is 2.9% of £m. 840, and this should be near the percentage weight of building materials, unless they are considered to represent other excluded goods. The actual weight of this group in the Melbourne index for 1915 is 4.3%.

Group VIII .- Chemicals.

The value of output of drugs and chemicals in *Production Bulletin No.* 18, Table 182, minus the output of paints and varnishes, was for 1924-5 £m. 7.9, the value of imports of drugs, chemicals and fertilisers (Class 19, Imports, in *Overseas Trade Bulletin*) £m. 4.1, and the total of these two items £m. 12, which is 1.4% of £m. 840.

APPENDIX K.

Interpolations, price quotations and calculations for the indexes of wholesale prices for Melbourne compiled by the writer and based on 77 price quotations.

The mass units and all the price quotations except the interpolated prices mentioned below were taken from the Annual Labour Reports of the Commonwealth Bureau of Census and Statistics. The Sydney price quotations referred to are those published in the New South Wales Statistical Register, 1919-1920 to 1926.

I.—Interpolations.

Tinned Plates.—The Sydney price quotations for tinned plates for 1906 to 1911 were directly interpolated, because the same brand of tinned plates is taken for the Melbourne and Sydney indexes and because the price quotations for Melbourne and Sydney in 1912 were nearly the same, being 17s. 1d. for Melbourne and 16s. 9d. for Sydney.

Tobacco.—The prices of the four grades of tobacco quoted for Sydney remained unchanged from 1922 to 1924, and fell, on the average, 1% from 1924 to 1925. Melbourne prices were interpolated on the assumption that prices in that city had the same percentage change as in Sydney from 1922 to 1925. As no price quotations for Sydney for 1926 have been published at the time of writing, and as the price of tobacco is usually very stable, it was assumed that the price of tobacco in Melbourne had remained unchanged from 1925 to 1926.

Cocoa, Candles.—Prices for the years 1918 to 1920 for cocoa and candles were interpolated on the assumption that the percentage change from the preceding year was the same in Melbourne as the percentage change in the same period of the similar commodity in Sydney.

Condensed Milk.—The price of condensed milk was interpolated for the years 1906 to 1911 on the assummption that the percentage change from each of the years for which no Melbourne quotations are available to 1912 was the same as in the Sydney price quotation for that commodity.

					tions	rpolated Melbourne price quota- per dozen tins, 1906 to 1911, the actual Melbourne price quotation for 1912.	Sydney price quotations per 42 lb. case.
						S.	s.
1906				 	• •	5.258	24.5
1907	٠.			 		5.687	26.5
1908		٠.	٠.	 		5.776	26.917
1909				 		5.437	25.333
1910	٠.			 		4.864	22.667
1911				 	• •	5.294	24.667
1912	••	٠.		 ••	••	5.687	26.5

Fine Salt, Mustard, Starch, Blue.—Prices were interpolated for these commodities in 1918, the prices interpolated being the arithmetic means of their 1917 and 1919 quotations.

Rice.—Prices for rice were interpolated for 1918 and 1919, the prices interpolated being the arithmetic means of the 1917 and 1920 quotations.

Flooring Timber, $6 \times 1\frac{1}{4}$; Flooring Timber, 6×4 ; Shelving Timber.—Arithmetic means of their 1918 and 1920 price quotations were interpolated for these commodities in 1919.

In all these instances of the interpolation of arithmetic means, it is justifiable because the period 1917 to 1920 was a period of steadily rising prices for the groceries and building materials groups.

Leather.—The three leather items in the Melbourne index from 1906 to 1911 are not the same as the items included after 1911, and differ from them in relative importance.

It was decided to interpolate price quotations for the years 1906 to 1911 for the three leather items used after 1911.

First of all, the percentage change of the total cost of the mass units of the three leather items, kip, calf and basils, from each of the years of the period 1906-11 to 1912 was calculated from the price quotations in *Labour Reports Nos.* 1 and 2, 1912, being taken as 100.

Change in the Cost of the Mass Units of Leather in the Melbourne Index from 1906 to 1912.

Kip	1906 £ 79 76 29	1907 £ 80 80 31	1908 £ 79 80 30	1909 £ 76 79 28	1910 £ 84 81 26	1911 \$ 85 83 25	1912 £ 85 83 25
Total	184	191	189	183	191	193	193
Index	95.3	99.	97.9	94.8	99	100.	100.

Interpolations were then made for medium crop, waxed kip and waxed split for the years 1906 to 1911 on the assumption that their prices had the same percentage change from each of the years 1906-11 to 1912 as the total cost of the mass units of kip, calf and basils.

Interpolations for the Years 1906-1911 and the Actual Price Quotations for 1912 of Medium Crop, Waxed Kip and Waxed Split

	, '	I WILLIAM	Dpu.				
	1906	1907	1908	1909	1910	1911	1912
•	8.	8.		8.	8.	S.	5.
Medium crop	1.062	1.103	1.091	1.056	1.103	1.114	1.114
Waxed kip	1.459	1.516	1.499	1.451	1.516	1.531	1.531
Waxed split	.764	.794	.785	.760	.794	.802	.802

II.—Table, Showing Price Quotations and Calculations.

The price quotations from the Labour Reports were converted into decimals of a shilling correct to the third place, and then multiplied by the appropriate mass unit and the result entered correct to the nearest pound sterling. This amount of accuracy in converting the prices into decimals was quite unnecessary for all but one or two commodities, and even for these

it is not really necessary, because the biggest difference that could have occurred in the indexes by taking the decimals to the second place would be only one tenth of one per cent. As they stand now, however, the decimals can be converted back into pence, farthings, and eighths and sixteenths of a penny as they are given in the Labour Reports.

Note on the Mass Units and the Substitution of Commodities.

—The mass units of some commodities were altered during the period in accordance with a change in the physical unit of the commodity for which the price was quoted. The mass units of bran and pollard were 1400 up to the year 1911, and 14 from the year 1912 onwards.

The mass unit of lamb was 200 up to 1914 and 5,600 thereafter.

Tapioca was substituted for sago in the year 1923, when the prices of these commodities in Melbourne, according to Labour Reports Nos. 14 and 15, were the same. The mass unit for sago was 800 up to 1911, .35 from 1912 to 1916, and 7 thereafter for sago, and also for tapioca when it was substituted for sago in 1923. One of the grades of leather for which a price quotation was given in 1912 was medium crop. Later on, factory crop was substituted for this and still later light crop.

Table showing prices, most units, and the cost of the most units, 1900 to 1920. Por the missing most units and information about the substitution of commodities, see the note above.

,	i information ab	out the sub 19	otitutios na						_
	Man	100	Cost	•	907. Cost	10	06. Cost	190	Coat
	Unit.	Price.	of	Price.	of	Price.	of	Price.	of
Oruse L.		•	M. U.		M. U.		M. U.		M. Ü.
hen Pig	9.5	80.588	20	81.35	26	79.417	26	79.417	96
Rod and Bar Angle and Toe	3.5 3.5	192.667 197.838	34 35	201.417 211.417	36 37	204.26 215.	36 38	196.75	**
Plate	8.	. 197.838	30	211.417	32	218.468	32	206. 196.167	=======================================
Hoop	pated 6.	198.83 3 343.25	84	210,542 398,208	, 6 96	216.017	. 5	212.667	6
Wire Fencine	6 .	170.167	61	175.625	58	370. 155.292	92 47	366.233 162.167	92 40
Zinc-Sheet	1.	098.917 417.333	26 16	761.417 465.708	38 17	667.667	23	613.838	81
Lead Piping		440.25	ii	490.708	12	366.167 430.375	14 11	841.167 421.167	18 11
Copper—Sheet Coel (on Wharf)	2,000.	1.01 17.25	101	1.125	113	.989	99	.984	89
Tinned Plates	60.	15.208	518 46	21.5 16.792	645 50	22.5 15.583	675 47	22.5 14.812	675 44
Total			994		1161		1156		1134
Group II. Jute Goods—Branbags	110	5.002	28	5.25	29	4.385			
Cormencies	250	6.927	87	7.	88	5.521	24 60	8.708 4.802	· 20
Lesther— Woolpacins	200	2.375	24	2.790	27	2.25	23	2.083	31
Medium Crop or Subst		1.062	82	1.103	23	1.091	22	1.056	22
Wanted Kip Wanted Splift	606	1.459 .764	44 23	1.516	46 24	1.499	45	1.451	44
Cotton—Raw	24.000	.552	662	.794 .593	71 2	.785 .54 2	24 650	.760 .562	23 662
Wool	12,200	.937	572	.927	665	.802	489_	.848	514
Total	••		1472		1523		1357		1376
Wheat	500	3.220	81	8.75	94	4.167	104	4.583	115
Plour	46	142.75 .822	343	168.833	405	179.25	430	206.917	497
Pollard	•• .	.854	58 60	.875	61 63	1.187 1.239	8 8 87	.875 1.031	61 72
Octor	1,200	2.687	161	2.667 323.5	160	2.917	175	2.208	182
Berley-Malting or Engli		4.562	23 34	828.5 4.542	24 34	383.5 4.937	29 37	291 .917 3 .917	22 29
Feed or Cape	100	2.896	14	2.75	14	3.697	18	2.479	12
Maise	1,000 55	3.25 3.687	16 3 10	3.167 3.396	158 9	4.25 8.937	213 11	8.937 4.531	197 12
Total			947		1022		1187		1149
Group IV.									
Ham Becom	800 8,200	.802 .572	32 92	.896 .646	36 103	.958 ,729	38 117	1.01 .708	40 113
Cheese	1,500	.593	44	.646	48	.833	62	.729	56
Butter Lard	9,500	.958 .458	465 5	.979 .479	465 5	1.156 .677	549 7	1.062 .542	504 5
Eggs	1,800	.812	78	.885	80	1.021	92	1.031	93
Honey Condensed Milk	600	. 25 5 . 258	8 42	. 229 5 . 687	7 45	.26 5.776	8 46	. 25 5 . 437	48
Total	**		751		789		919	0.401	861
Group V.									
Currents Raisins	1,400	. 364 .51	25 36	.437 .604	81 42	.408 .562	33 39	.468 .521	88
Herrings	50	4.208	11	4.771	12	4.562	11	4.521	36 11
Selmon Serdines	50 100	6.417 4.875	16 24	6.093 5.01	15 25	7.052 5.	18 25	6.875 5.104	17 26
Tes	\$,000	.614	92	.677	102	.667	100	.687	103
Codice	206	1.125 1.	11	1.125 1.031	11 5	1.125 1.125	11	1.125 1.125	11
Sugar	22	401.583	442	395,333	435	413.5	455	426.5	409
Macaroni Sego of Tapioca	200	.417 .229	•	.437 .25	4 10	.487 .156	4	.437 .16 6	6
Rice	2	452.	45	498.	50	507.338	51	495.	50
Salt—Plue Mustard	7	67.5 18.	24 5	70,167 18,864	25 6	75.5 19.	26 6	81. 25 19.	28
Starch	100	.417	2	.417	2	.417	2	.417	2
Bine	50	.604 1.843	2 8	.635 2.375	2 11	.697 2.729	2 12	.697 2.489	11
Candles	1,600	.521	42	.604	48	.604	48	.604	48
Kerusene	1,700 1,300	.739 4.656	63 303	.771 4.604	66 299	.82 2 4.604	70 299	.822 4.604	70 299
Total	1,300		1169		1201		1224		1238
Group VL.								•	
Beci Mutton	390	21.646 .197	422 825	26.292 .229	513 378	28.312 .218	552 360	23.021 .167	449 276
Lamb	••	9.292	98	9.146	91	9.187	92	8.312	83
Veal Pork	2,000	.177 .354	18 65	.177 .417	18 77	.197 .468	20 87	. 167 . 5	17 98
Total	5,100		923	.411	1077	. 400	1111		918
Group VII.									_
Timber—Flooring, 6 x 1 i	36	9.521 7.729	14 12	10.333 8.233	15 12	10.312 7.917	15 12	10.26 8.104	15 12
6 x 🐔	30	6.5	10	7.447	11	7.167	11	7.114	11
€ π ∰ Weatherboards	200	5.083 5.843	8 58	5.271 6.239	8 62	5.146 5.812	8 58	5.25 5.542	8 55
Oregon	20	127.083	127	134.667	135	118.638	114	107.312	107
Shelving	10	255. 11. 437	128 17	280.708 12.062	140 18	305. 12.917	15 3 19	306.542 11.958	15 3 18
Whitelead		553.5	21	629.25	24	585.417	22	560.417	21
Total	••		395		425		412		400
Group VIII. Cream of Tartar	400	.720	15	.822	16	.75	15	.667	18
Carbonate of Sods	5	180.	5	196.75	5	182.083	5	162.5	4
Saltpetre	05	490.75 161.5	1 2	597.833	1 2	582.667 160.	1 2	592.33 3 166.167	1 2
Total		141.5	23	175.667	24	100.	23	200.101	-20
Aggregate			6674		7222		7380		7096

Table sho	wing pri	es, mass units,	and the	cost of the ma	es units,	1906 to 1926.	For the	e mining mass	units
1	91 0 .	9 INFORMATION 6 1911		291:		nodities, see the 191		2005. 1914	L
	Cost		Cost	D -i	Cost	Price.	Cost	Price.	Cost
Price.	ol M. U.	Price.	of M. V.	Price.	of M. U.	FIRE	M. U.	FIRE	M. U.
	£	B	5		٤		.		£ 32
61. 194.375	26 34	81.167 191.167	26 23	89.167 215.589	27 38	96. 226.25	31 40	99.5 234,	41
197.667 192.125	35 20	195. 192.5	34 20	202.917 201.333	36 30	210. 206.5	37 81	214. 220.	37 33
200.625	- 5	203.888	5	212.833	5	215.833	5	225.5	
264.708 171.833	89 51	847.417 169.25	87 51	359.417 156.917	90 47	873.75 154. 167	98 46	383.5 15 6 .5	96 47
601.542	20	678.833	84	733.083	27	745.	37	785.	30
\$22.125 405.167	12 10	\$15.917 \$67.25	12 9	406. 448.338	15 11	478. 75 566 .25	18 14	498. 610.	19 15
.802	80	.771	77	.854 22.5	85	.968 22.5	97	1.062	106
22.5 16.062	675 48	22.5 17.333	675 52	17.063	675 51	16.875	. 675 51	23 .75 17 .083	71 3 5 1
	1124		1124		1147		1175		1235
8.427	19	4.042	22	5.979	83	6.604	36	5.667	31
4.76	60	5.292	66	5.906	74	7.25	91	6.542	82
2.156	22	2.385	24	2.75	28	2.917	29	3.583	36
1.108	23	1.114	38	1.114	33	1.302	. 39	1.833	40
1.516 .794	45 24	1.531 .802	40 24	1.531 .802	46 24	1.646 .917	49 28	1.75 1.042	53 31
.729	875	.646	775	.51	612	.662	674	.521	625
.906	558 1631	.885	540 1530	.792	483 1333	.812	495 1441	.802	489 1387
8.854 180.75	96 434	3.521 160.417	88 885	4.08 3 178.833	102 428	8.635 174.625	91 419	4.354 198.083	109 475
.906	63	.968	67	117.5	82	101.333	71	119.333	84
.906 2.396	63 144	.968 2.375	67 148	125.833 3.208	88 192	103.5 2.208	72 132	123.5 2.542	86 153
302.233	23	311.833	23	414.583	31	335.5	25	346.	26
4.083 2.333	81 12	4.75 2.5	36 18	5.937 4.607	45 23	8.958 2.927	30 15	4. 2.792	. 30 14
2.646	132	2.76	138	4.083	204	8.958	198	3.917	196
4.864	13 1011	3.937	971	4.062	1206	4.375	1065	5.208	1187
	1011				1200		1003		110.
1.021	41	.947	38 90 ·	1.042	42	.917	37	1.031	41
.656 .593	105 44	.562 .635	48	.802 .917	128 69	.771 .687	123 52	.81 2 . 7 71	130 58
.947	450	.958	455	1.125	534	.958	455	1.042	405
.51 .958	86	.468 1	5 90	.593 1.125	6 101	.593 .958	6 86	.614 .989	6 89
.271	8	.25	8	. 2 81	8	.25	8	.271	8
4.864	39 778	5.294	776	5.687	933	5.708	813	5.917	874
.479 .562	34 30	.489 .552	34 30	.479 .562	34 39	.447 .427	31 30	. 396 .458	2 8 32
4.562	11	4.479	ii	4.5	11	4.667	12	5.417	14
7.406 5.	19 25	8.885 5.125	22 26	9.437 5.167	24 26	8.292 5.375	21 27	8.08 3 5.5	20 23
.687	103	.75	113	.718	108	.713	107	.697	106
1.125 1.125	11 6	1.125 1.126	11	1.208 1.125	12	1.25 1.125	13	1.25 1.146	13
448.	498	437.5	481	474.	521	448.167	493	432.667	476
.458 .146	5	.47 9 .177	. 5 7	.271	3 7	.26 314.833	3	.26 277	3 5
486.167	40	466.167	47	527.5	53	542.5	54	5 56.	56
81.25 19.	28 6	81. 25 19.	28 6	81. 25 19.	28 6	85 . 625 19 .	30 6	90. 20.	32 6
.417 .697	1 1	.417 .729	2	.417	2	.417	2	.437	2
2.230	10	2.083	2	.697 2,093	2	.697 2.042	2	.697 2.29 2	2 10
.604 .82 2	48 70	.604 .822	48 70	.604 .843	48	.604 .927	48	.604	48
4.604	299	4.604	299	4.854	72 316	4.854	79 316	.89 6 5.042	76 328
	1266		1266		1327		1295		1290
19.792	386	18.833	367	25.208	492	22,292	435	28.	546
.167 8.031	276 80	.177 8.896	292 80	.271	447	. 234	386	.281	464
.167	17	.167	17	9.979 .197	100 20	11.208 .218	112 22	12. .234	120 23
.437	81	.364	67	.385	71	.479	89	.516	95
	840		832		1130		1044		1248
10.937	16	11.	17	11.25	17	12.354	19	12.5	. 19
9.604 8.125	14 12	8.8 22 8.042	13 12	8.667 7.75	13 12	9.771 8.604	15 13	10.292 9.333	15 14
6.021 7.	70	5.802	•	5.625	8	6.271	•	6.292	•
111.25	111	6.503 118. 2 5	66 118	6.33 3 135.75	63 136	7.292 152.417	73 152	7.167 129.	72 129
330. 12.667	165 19	\$25.417 13.417	163	335.	168	3 35.	168	233.	167
\$67.667	21	602.833	20 23	14 .54 2 723 .5	28 . 27	13.917 735.833	21 28	14. 3 75 792.	22 30
	437		441		466		498		477
.771	15	.886	18	.812	16	.843	17	1.458	
164.75 660.	4	167.5	4	165.417	4	165.	4	198.	5
160.75	_ 1	660. 173.083	2 2	960. 196.75	2	669. 196.667	2	960. 200.	. 1
	23		26		24		25		30
	7110		4004		7566		7356		7787
				105					

Table should prices, mass units, and the cost of the mass units, 1908 to 1926. For the adming mass units and information about the substitution of commodities, see the note above.

	1915.	1916		1917.		1918	L
Mass Valt.	Price. of	Price.	Cost	Price.	Cost	Price.	Cost
Grow L	M.		M. U.		M. U.		M. V.
Iron Ple 6.6	99.833 2	124.167	40	218.333	71	245.	
Rod and Bar 8.5 Angle and Tee 8.5		60 442. 292 16 467.917	77 82	483.75 582.917	86 102	569.167 688.75	98 121
Plate	291. 067 (4 531.667 8 552.6	80 14	1063.333 746.25	159	1589.167 1127.6	238 28
Gaivanised Corregated 6.	525,167 13	712.5	178	1243.833	10 311	1470.833	368
Wire, Fending . 6. Zinc-Sheet 1.		79 443.333 71 2566.667	133 128	675.417 2 776.	97 4 139	926.25 2964.917	278 145
Lend-Sheet		21 770. 17 873.7 5	29 23	740. 820.	28 21	751.667 821.667	28 21
Copper—Sheet 2,000.	1.239 19	24 1.968	196	2.5	250	2.875	288
Coal (on Wherf) 600. Tinned Plates 60.		50 27. 15 38.	810 114	29. 44.25	870 133	29. 50.417	87 0 15 1
Total	144	10	1903		2391		2717
Jute Goods—Branbago 110		7.968	44	8.271	45	11.917	66
Cornsacks 250 Woolpacks 200		96 9.562 12 8.917	120 29	9.833 4.140	117 41	9.875 6.292	123 63
Leather— Medium Crop or Substitute 600		1 1.614					
Waxed Kip 600	1.958	59 2.042	48 61	1.854 2.396	56 72	1.833 2.5	56 76
Waxed Split	1.187 3 .468 56	96 1.312 58 .672	39 806	1.833 1.802	40 1502	1.333 1.864	40 2237
Wool 12,200	.833 50	08 1.167	712	1.317	803	1.406	868
Total	137	70	1869		2736		3517
Wheat 500		88 4.833 93 22 6.75	121	4.75	119	4.75	119
• Bras	158.333 13	11 92.917	544 65	215. 89.	516 62	215. 94.583	51 6 66
Pollard		32 112.417 70 2.25	79 135	119.25 2.458	83 147	115.417 3.833	81 230
Ontmend 1.5 Barley Malting or English 150	542.917	11 360. 12 4.354	27 23	360. 4.396	27 33	467. 5.75	35 43
Feed of Cane 100	4.5	23 3.125	16	8.125	16	4.	20
Maise 1,000 Peas		53 4.792 19 6.104	240 17	3.708 6.25	18 5 17	5.167 6.583	258 18
Total	188		1277		1205		1386
Group IV.	1.125	1.292	52	1.125	45	1.167	47
Bacon 3,200	1.042 10 1.021 7	37 1.08 3 77 1.042	173 78	1.021 .958	16 3 72	1.042 1.	167 75
Butter 9.500	1.458 60	3 1.375	653	1.333	633	1.343	638
Lard 200 Eggs 1,800	.896 1.354 12	9 .864 22 1.229	111	.83 3 1.042	8 94	.729 1.042	7 94
Condensed Milk		1 3 .427 5 3 7 .521	13 60	.417 7.667	13 61	.417 8.042	13 64
Total	117		1149		1089		1106
Group V. Currants 1,400	.51	36 .635	44	.562	39	.583	41
Raisins 1,400	.51	36 .583		.562	39 23	.583 11.333	41 28
Herrings 50 Salmon 50	8,958 1	22 9.958	25	9.333 13.167	33	16.417	41
Serdines 100 Tea	6.375 3 .843 19	32 8.458 26 .875	42 131	11.292 .797	56 120	11.625 .906	58 136
Coffee 200		13 1.25 6 1.229	13	1.167 1.292	12	1.167	12 7
Sugar 22	463.083 50	9 584.375	643	587.5	646	587.5	646
Macaroni 200 Sego or Tapioca	.38 3 52. 083	4 .364 6 476.667	4 8	.36 <u>4</u> 30.25	11	.364 30.7	11
Rice 2		56 619.167 33 92.062	62 32	640. 96.333	64 83	790. 98.604	79 35
Mustard 6	21.583	6 24.417	7	28.542 .625	•	\$2.606 .709	10
Starch 100 Blue 50	.489 .697	2 .572 2 .697	3 2	.697	3 2	1.067	3
Matches 90 Candles 1,600		19 3 .83 3 18 .667	17 53	4.083	18 55	4.542 .801	20 64
Kerosene 1,700	.922	78 1.333	113 375	1.667 5.771	142 375	2. 6.292	170 409
Total	5.771 37 145	20	1644		1690		1819
Group VL. Beef	50.292 96	31 47.833	933	46.75	912	49.042	964
Mutton 33,000	.453 74	7 .5	825	.463	764	.447	738 140
I.amb	.505 14 .375 3	11 .572 18 .468	160 47	.562 .542	15 5 54	.5	50
Fork 3,700	.656 19 20:		133 2098	.625	2001	.552	10 2
Group VII.							
Timbes—Flooring, 6 x 11 30 6 x 1 30		23 17.583 19 16.604	26 23	22.5 18.417	34 28	25.083 22.	38 33
6x . 30	10.968	16 14.437	22 15	18.233 14.667	27 22	21.667 17.917	33 27
6 x 4 30 Weatherboards 200	7.833 7	11 9.75 78 9.417	94	13.167	132	18.917	180 876
Oregon 20 Shelving 10	164.167 16 360, 18	393.75	206 197	266.833 468.75	267 234	375.667 779.167	390
Coment 30	21.167	19. 13 1232.5	29	20.417 1466.667	31 56	24. 1700.	36 64
Total	55		657		830		1186
Group VIII.	3,042	1.979	40	2.625	63	4.	89
Curbonate of Soda5	207.917 660.	5 261.875 2 945.	7	443.75 1428.333	11	907.417 1388.667	8
Sulphut	275.	8 425.	- 6	452.083		487.333	
Total	501	12	54 10051		74 19016		97 13818
Aggregate	_	106					

Table sho	wing p	rices, mass units	, and th	e cost of the ma	etian ter	, 1906 to 1926.	For the	missing mass	units
1916		ad information a 1920		1921	or comu	1922		192	
Price.	Cost	Price.	Cost	Price.	Cost	Price.	Cost of	Price.	Cost
	M. U.	. INC	M. U.	4180	M. U.	21202	M. U.		M. U.
9. 947.5	£ 80	s. 256.667	£ 83	220.	£ 72	5. 198.	£ 64	8. 165.	· 54
\$22.088	91	572.5	100	596.667	104	464.	61	367.5	64
594.167 1042.5	10 4 15 6	563.83 3 990.417	99 149	582.917 759.167	102 114	479.5 423.	84 63	891.667 836.667	69 61
915.888	28	975.	24	981.667	23	493.	12	882.5	10
1108.5 472.5	27 7 142	1161.25 483.333	290 146	831.58 3 430.	208 129	559. 393.5	140 118	562. 5 856.	141 107
2823.838	141	1895.833	95	1754.167	88 33	1391.5	70 29	1087.5	54 38
785.417 8 56.667	29 21	1047.917 1322.5	89 33	884.75 959.167	24	767.5 896.	22	876.66 7 . 94 2.5	24
2.875 31.083	238 932	2.292 85.875	229 1076	2.458 39 .667	246 1190	2.083 40.	208 1200	1.58 3 40.	158 1200
48.125	144	78.	219	36.583	110	80.25	91	29.5	89
	2378		2581		2443		2182		2054
12.838	71	13.167	72	6.583	86	7.333	40	7.917	44
12.5	156	14.588	182	8.417	105	9.292	116	9.625	120
5.202	58	6.417	64	8.917	89	4.292	48	4.708	47
2.125	64 85	2.75 3.25	88 98	1.417 2.083	43 62	1.271 1.896	88 57	1.354 2.088	41 62
2.833 1.458	44	1.75	58	1.338	40	1.271	88	1.354	41
1.583 1.870	1900 83 6	1.812 1.896	2174 852	.792 .947	950 578	1. 1.271	1200 775	1.312 1.682	1574 102 6
1.010	3209	1.000	3578		1853	, , , , , , , , , , , , , , , , , , ,	2307	7.000	2955
	100	a 200	100	0 01=		F 00-	140	- ^-	-
5.104 2 21.792	128 532	7.562 885.125	189 804	8.917 401.	223 962	5.604 254.5	140 611	5.042 231.333	126 555
129.792	91	170.583	119	168.	118	154. 75	108	154.917	108
188.542 5.125	97 808	170.5 4.875	119 293	168.167 2.604	118 156	158.5 3.4 58	111 207	160.667 8.708	112 222
689.167	48	670.833	50 55	425.833	82	471.	35	480.	36
5.812 4.542	44 28	7.271 6.208	81	4.417 8.417	83 17	4.125 8.	31 15	4.062 3.125	30 16
6.917 7.917	846 22	7.958 10.208	898 28	4.75	238 23	5.167 8.208	258	5.604	280
7.917	1639	10.208	2086	8.25	1920	5.205	23 1539	7.062	1504
1.292 1.167	52 187	1.958 1.625	78 260	1.833 1.542	73 247	1.667 1.25	67 200	1.75 1.25	70 200
1.125	84	1.292	97	1.333	100	1.083	81	. 1.312	98
1.583 .958	752 10	2.125 1.437	1009 14	1.833 .917	871	1.458 .604	693 6	1.75 .792	831 8
1.187	107	1.667	150	1.5	135	1.333	120	1.375	124
.5 9.208	15 74	.667 11.375	· 20	.5 12.333	15 99	.375 11.062	11 88	.375 11.062	11 88
	1281		1719		1549		1266	11.002	1430
.614	43	.718	50	.771	54	.771	54	700	
.614	48	.75	53	.781	55	.822	5 4 58	.583 .792	41 55
9.812 18.333	25 46	10.812 22.833	26 56	10.583 22.083	26 55	8.708 18.083	22 45	7.583	19
11.021	55	13.625	68	12.833	64	8.833	44	15.667 7.521	39 38
.93 2 1.25	140 18	1.104 2.021	166 20	.833 2.125	125 21	1.031 2.125	155 21	1.292 2.125	194 21
1.428	7	1.855	9	1.417	7	1.25	6	1.25	. 4
5 87.5 .896	646 4	881.875 .542	970 5	980. .51	1078 5	956.667 .5	1052 5	828.839 .489	912 5
36.833 940.	13	37.458	13	26.583	9	25.75	9	32.417	11
101.875	9 <u>4</u> 36	1090. 111.667	109 39	842.917 120.917	84 42	512.5 120.	51 42	446.667 117.5	45 41
86.667 .792	11	43.292 1.333	13	44.667	13	45.375	14	45.375	-14
1.417	- 4	1.104	7 8	1,292 1,083	6 3	.979 .968	5 2	.958 .958	5 2
5.229 .871	24 70	6.875 1.030	31 82	6.125	28 65	6. .792	27	6.062	27
2.167	184	2.542	216	.812 2.583	220	1.833	68 156	.771 1.625	62 138
7.838	477 1939	7.542	490 2426	8.	520 2480	6.	520 2351	8	520
				· · · · · · · · · · · · · · · · · · ·	2300		2001		2195
50.5 .406	985 670	65.917 .614	1285 1013	38.167	744	27.417	535	41.917	617
.468	181	.729	204	.417 .562	688 157	.875 .542	619 152	.583 .718	962 201
.375 .67 7	38 125	.489 .968	49 179	.396 .958	40 177	.25 .771	25 143	.812	81
	1949		2730		1806	.//1	1474	.771	148 2154
29.542	44	84.	E+	90 000		OF		A A	
27.167	41	80.333	51 45	80.083 25.25	45 88	25.667 19.838	39 30	22.875 17.75	34 27
24.5 19.	37 29	27.33 3 19.25	41 29	22.338 16.	33	17.292	26	15.75	24
20.167	202	21.083 ·	211	16.83 3	24 168	14.167 14.708	21 147	11.333 12.75	17 128
\$56,25 865,417	356 433	467.917 951.667	468 476	827.25 893.75	827 447	241.	241	2 62.	262
23.833	86	27.5	41	42.	63	589. 23.167	295 85	642.5 20.458	3 21 3 1
1422.5	58 1231	1750.	1428	1662.	1207	1319.	49	1182.5	44
					1401		883		888
\$.292 410.833	66 10	3.167 418.75	63 10	1.917 879.167	38	1.6	80	1.289	25
1433.338	4	1175.		976.667	2	965. 900.	2	320.638 , 852.5	8 2
\$26.25	84	398.333	- 5 81	369.333	5_	276.	3	254.883	
	18710		16629	*****	54. 13312		44 12046	·····	36 13216
					. —				

Table showing prices, mass units, and the cost of the mass units, 1906 to 1926. Por the mining mass units and information about the substitution of commodities, see the note above.													
		1924.		1926.		1926.							
	Mass		Cost		Cost	Cor	st						
	II sit.	Price	of	Their a	-4	Tolon of							

and informati	on about the	ubstitution 1924	of com	modities, see th	e note :	bove.	
	Mass		Cost		Cost	1936.	Cost
	Unit.	Price.	M. U.	Price.	M. U.	Price.	of
Group 1.		6.	1		<u> </u>		ML U.
Rod and Ber	9.5	150.167	52	157.5	51	140.	46
Angle and Tee	3.5 3.5	381.667 366.667	6 7 62	405. 358.75	71 63	415.888 352.088	73 62
Plate	3 .	323.383	48	\$16.25	47	203.75	44
Hoop Galvanised Corrage	ted 5.	380. 575.838	10 144	280. 573.917	10 143	\$80. 572.083	10 148
Wire, Fencing	6.	354.5	106	300.	90	291.667	88
Zinc-Sheet	:: 1. :: 75	1160.417 890.833	58 33	1281. 25 1026. 25	64 38	1281.08 3 979.16 7	64 37
Lead—Piping	5	1001.667	25	1160.	29	1160.	20
Coal (on Wherf)	2,000. 600.	1.562 40.	15 6 1200	1.537 40.667	154 1220	1.442 44.26	144 1328
Tinned Plates	60.	84.75	104	83.75	101	\$5.833	107
Total	**		2065		2081		2177
Group II. Jute Goods—Branbags	110	7.021	89	9.120	50	9.432	52
Corneacks	250	12.5	156	13.187	166	12.37	156
Woolpacks Leather	,. 200	5.010	50	5.734	57	6.338	58
Medium Crop or Substit		1.417	48	1.495	45	1.442	48
Waxed Kip Waxed Split	600	1.83 3 1.167	55 35	2. 1.141	60 84	2. 1.167	60 35
Cotton—Raw	24.000	1.833	1600	1.021	1225	.734	881
Wool	12,200	2.208	1347 3325	1.734	1058 2694	1.437	87 7 215 6
Group III.			3323		2089		2130
Wheat	500	6.375	134	6.073	152	6.206	155
Flour	48	265.838 116.5	638 82	296.167 150.75	711 106	293 .917 148.167	706 104
Pollard		188.583	97	170.	119	185.583	130
Oats	1,200	3.312 510.	199 38	3.093 477.5	186 36	3.578 53 7.5	215 40
Barley-Malting or Englis	h 150	4.667	35	5.812	44	4.401	38
Feed or Cape	1,000	4.125 4.604	21 230	4.630 4.739	23 237	3.979 6.062	20 308
Peas	. 56	6.385	18_	5.562	15	7.979	22
Total	••		1492		1629		1727
Group IV. Ham	800	1.75	70	1.729	69	1.739	70
Bacon	8,200	1.333	213	1.271	203	1.208	193
Cheese Butter	1,500 9,500	1.104 1.417	83 673	1,083 1,432	81 680	1. 292 1.531	97 727
Lard	200	.896	9	.697	7	.776	. 8
Eggs	1,800 600	1.458 .5	131 15	1.87 .364	123 11	1.479 .422	133 13
Condensed Milk	160	11.375	91_	11.437	91	11.437	91
Total	••		1285		1265		1332
Group V. Currants	1,400	.583	41	.578	. 40	.578	40
Raisins	1,400	.552	89	.557	89	.521	36
Herrings	50 50	7. 5 15.5	19 39	7.56 2 16.5	19 41	7.75 20.375	19 51
Sardines	100	8.667	43 222	8.31 2 1.542	42	7.75 1.588	39 238
Tea	3 ,000	1.479 2.125	21	2.125	231 21	2.125	21
Cocoa	100	1.25	861	1.25	6 859	1.25	8 855
Sugar	200	782.5 .479	5	781. .458	5	777.58 3 .458	5
Sago or Tapioca	:: 2	30.625	11	22.917	.8	20.417 445.	7 45
Rice	: 7	442.917 124.167	44 43	445. 128.667	45 45	130.	44
Mustard	6	45.375	14	45.375	14	45.375	14
Starch	100 50	.917 .958	5 2	.917 .968	5 2	.917 .968	5 2
Matches	90	5.958	27	5.995	27	5.63	25
Candles	1,600 1,700	.771 1.667	62 142	.781 1.625	62 138	.781 1.625	62 138
Tobacco	1,300	8.	520	7.792	506	7.792	506
Total	·		2166		2155		2160
Group VL Beef	390	32.	624	34.302	669	36.437	711
Mutton	23,000	.5	825	.489	807	3.49	576
LambVeal	2,000	.718 .312	201 31	.697 .322	195 32	.542 .338	152 34
Pork	3,700	.896	166	.833	154	.724	134
Total	··		1847		1857		1607
Group VII. Timber—Flooring, 6 x 1	30	22.083	33	20.583	31	19.506	20
6 x 2	30	16.083	24	15.667	24 20	15.641 13.38	23 20
6xi	30	14.083 10.583	21 16	13.542 10.833	16	9.854	15
Weatherboards	200	11.5 232.5	115 233	11.302	113 222	10.76 219.167	108 219
Oregon Shelving	10	556.25	238 278	2 21. 6 67 4 88.	244	464.167	232
Cement	30	20.562	31	20.167	30	20.625	31 5 0
Whitelead	75	1215.833	46 797	1272.917	48 748	1331.25	727
Group VIII.							
Cream of Tartar	400	1.197 282.5	24 7	1.224 275.	24 7	1.15 6 275.	23 7
Saltpetre	05	723.75	2	715.	- 2.	715.	2
Sulphur	25	235.	3	235.	36	235.	35
Total	••		36 13013		12465		11921
							_

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