

GOVERNMENT OF INDIA
MINISTRY OF TRANSPORT

REPORT
OF THE
PORT AND SHIPPING
STATISTICS COMMITTEE



PRINTED IN INDIA BY THE MANAGER
GOVT. OF INDIA PRESS, NASIK ROAD, 1955

REPORT
OF THE
PORT AND SHIPPING
STATISTICS COMMITTEE



सत्यमेव जयते

PRINTED IN INDIA BY THE MANAGER
GOVT. OF INDIA PRESS, NASIK ROAD, 1955

**Report of the Port and Shipping
Statistics Committee**

MEMBERS OF THE COMMITTEE

- (1) Shri M. A. Master (Trade & Industry, Bombay)—*Chairman*.
- (2) Shri S. N. Haji (Representative of Shipping)—*Member*.
- (3) Shri C. R. B. Menon, Director-General, Commercial Intelligence & Statistics, or his Deputy, Dr. S. G. Rao—*Member*.
- (4) Shri P. R. Subramaniam, Deputy Director-General of Shipping, Bombay—*Member*.
- (5) Dr. B. Ramamurti, Joint Director (Standards), Central Statistical Organisation, New Delhi—*Member*.
- (6) Shri A. Mudie, State Port Officer, Madras, from 7th August, 1953 to 28th October, 1953 and Shri L. H. Cornish, State Port Officer, Madras, from 29th October, 1953—*Member*.
- (7) Shri B. B. Gujral, Assistant Collector of Customs, Calcutta Customs House—*Member*.
- (8) Shri D. K. Guha, Assistant Traffic Manager, Calcutta Port Commissioners—*Member-Secretary*.

GLOSSARY OF ABBREVIATIONS

U. S. A.	United States of America.
U. K.	United Kingdom.
T. C. A.	Technical Co-operation Aid.
T. C. M.	Technical Co-operation Mission.
C. P. C.	Calcutta Port Commissioners.
B. P. T.	Bombay Port Trust.
N. R. T.	Net Registered Tonnage.
G. R. T.	Gross Registered Tonnage.
Under Deck R. T.	Under Deck Registered Tonnage.
D.W. T.	Dead Weight Tonnage.
D. G. Shipping	Director General or Directorate General of Shipping.
D. G., C. I. S.	Director General or Directorate General of Commercial Intelligence and Statistics.
D. G. S. & D.	Director General or Directorate General of Supplies and Disposals.
I. S. D.	India Stores Department.
I. S. M.	India Supply Mission.
G. S. A.	General Services Administration.
N. H. P.	Nominal Horse Power.
B. H. P.	Brake Horse Power.
I. H. P.	Indicated Horse Power.
C. ft.	Cubic Feet.
M. S. Act	Merchant Shipping Act.
C. S. Act	Control of Shipping Act.
I. S. C.	Indian Shipping Companies.
B. S. C.	British Shipping Companies.
F. O. B.	Free on Board.
C. F.; C. & F.	Carriage and Freight.
C. I. F.	Carriage, Insurance and Freight.
F. O. R.	Free on Rails.
I. M. F.	International Monetary Fund.

CONTENTS

PART I.—REPORT

	PARAS.
CHAPTER I.—INTRODUCTORY	
Appointment of Committee and the original Terms of Reference	1-3
Amended and amplified Terms of Reference	4-7
Other points discussed in the first meeting	8
Issue of Questionnaire	9
Appointment of a Sub-Committee—Study of all questions on spot by personal interview	10-11
Information regarding Port and Shipping Statistics in leading Maritime countries	12-16
Cargo carried under the ownership and/or control of the Central or State Governments	17
Total deadweight tons of imports into and exports from India and the freight paid or payable thereon	18
Cargo coming to India under the T. C. A. Aid	19
Second Meeting	20-21
Passenger Traffic Statistics	22
Further interviews with the Director-General of Shipping	23
Additional interviews at Bombay	24
Concluding meeting and signing of the Report	25

CHAPTER II.—STATISTICS COLLECTED AND MAINTAINED BY MAJOR PORTS

Control and administration of Major Ports	27
Share of Major Ports in the total tonnages imported and exported	28
Maintenance of statistics under different groups	29
Subjects and fields which statistics should cover	30
Tonnages of principal commodities exported and imported	31-35
Number of commodities for which statistics maintained—their conversion into deadweight tons	36-39-A
Tonnage of principal commodities—Coastal and Foreign	40-44
Statistics for transhipment cargo	45-49
Regionwise tonnages of imports and exports of principal commodities	50-55
Madras cautions against the correctness of regionwise statistics	56-58
Flagwise tonnages of imports and exports	59-65
Imports and exports according to shipping lines and agencies	66-68
Statistics of cargo and passengers carried by and of the shipping tonnage of the sailing vessels	69-77
Passenger statistics	78-83
Number and tonnage of the ships that arrived or departed and entered and cleared	84-90
Import and export by dry cargo vessels and tankers	91-97
Turn-round of vessels at ports	98-106
Statistical expression not used in the same sense at all ports	107
Different basis of classifying ships at different ports	108
No uniform basis of allocating cargo to coastal and foreign trade	109-114
Different systems followed at different ports for entering or clearing [ships in foreign trade	115
How the Customs authorities enter and clear vessels into Foreign Trade	116-117
How the U. K. defines 'Foreign' and 'Coastal' Trade	118
How vessels are entered and cleared into foreign trade in the U. K.	119

	PARAS.
Port-wise statement of commodities at Madras defective	120
All Statistical expressions must have the same meaning at all the ports	121
Circulation and supply of statistics	122
Statistics supplied to the Ministry of Transport by the Major and Minor Port authorities	123-131
Statistics supplied to the Director General of Shipping, Bombay, by the Major and Minor Port authorities	132-143
Comparative statements of statistics of the Major and Minor Ports	144

CHAPTER III.—STATISTICS COLLECTED AND MAINTAINED AT MINOR PORTS

Number of Minor Ports and the authority controlling them	145
Who administers the affairs of Minor Ports	146-148
Who collects the statistics at Minor Ports	149-154
Basic documents from which statistics are collected	155-156
The nature of statistics collected—General Observations	157-161
Tonnages of commodities—separate figures for coastal and foreign trades	162-164
Linewise and agentwise particulars of imports and exports	165
Flagwise statistics of imports and exports	166
Separate statistics for dry cargo vessels and tankers	167
Particulars of transhipment cargo	168
Passenger statistics	169-175
Shipping statistics—number and tonnage of vessels that arrive and depart or enter and clear the ports	176-182
Tonnages of commodities imported and exported and passengers carried by sailing vessels	183-188
Circulation and supply of statistics	189

CHAPTER IV.—BASIC DOCUMENTS FOR STATISTICS COLLECTED BY PORTS

Basic documents for cargo statistics	192-196
Columns in the basic documents and how they are filled in	197
Basic documents for Customs Trade statistics	198
Number of Bills of Entry and Shipping Bills filed and their distribution at the different ports	199
Procedure in respect of delivery of imports and shipment of exports differ from port to port	200
How the particulars about weight are obtained in import and export applications	201-204
The Forms of the Basic documents	205-206
Names of the basic documents should be same at different ports	207
Gross weight to be shown in every import and export application	208
Uniform Nomenclature for charges of similar nature	209
Uniform procedure as regards delivery of imports and shipment of exports	210
Basic documents for cargo statistics at the ports which have no documents of their own	211
Basic documents for vessels and passengers	212-223
Forms of the Arrival and Departure Reports	224-227
Basic documents for sailing vessel statistics	228-229

CHAPTER V.—COMMODITIES FOR WHICH STATISTICS ARE COLLECTED BY PORTS

Names of Principal commodities	231
Number of Principal commodities	232-246

CHAPTER VI.—PUBLICATION OF STATISTICS OF PORTS

Who publishes statistics of Major Ports	248
Who publishes statistics of Minor Parts	249-251
Nature and extent of statistics published	252
Total tonnages of imports and exports	253
Tonnages of principal commodities	254
Transhipment cargo	255
Flagwise statement	256
Linewise statement	257
Agencywise statement	258
Regionwise statement	259
Separate figures for dry cargo vessels and tankers	260
Tonnage of principal commodities imported and exported by sailing vessels	261
Passengers	262
Entry and clearance of vessels with cargo and in ballast broken up into foreign and coastal trades	263
Entry and clearance of vessels	264
Entry alone of vessels broken up into coastal and foreign	265-267
Entry and clearance of sailing vessels	268
Turn-round of ships	269
✓ Important statistics collected and maintained but not published	270-271 ✓
Who publishes the annual administration Reports and the traffic reviews	272
Does the Central Government publish Statistics	273
Availability of the administration report and the traffic reviews	274

CHAPTER VII.—SHIPPING STATISTICS PUBLISHED BY THE GOVERNMENT OF INDIA AND STATE GOVERNMENTS

Coasting Trade	277-283
Foreign Trade	284-286
Shipping statistics published by the D. G. C. I. S.	287-288
Special Features of the shipping statistics in the Annual statement	289-292
Field which shipping statistics should cover	293

CHAPTER VIII.—STATISTICS MAINTAINED BY THE DIRECTORATE GENERAL OF SHIPPING

Cargo Statistics

Statistics received from Indian Shipping Companies	298-301
Statements received from the different Major Ports and Minor Ports authorities	302-317
Shipping statistics in respect of Indian vessels	318-320
Register of Indian Ships—particulars of ships on the Indian Register	321
Register of Sailing Vessels—particulars of vessels of the Indian Register	322-334
Passenger Statistics	335-338
Statistics in respect of Indian Crew and Statistics in respect of Indian and non-Indian Officers on Indian vessels	339-347
Statistics in respect of freight on Imports and Exports	348
Sailing Vessels Statistics	349-351
General Information about the Indian Shipping Companies	352-353

CHAPTER IX.—INTERNATIONAL OBLIGATIONS FOR SUPPLYING STATISTICS

Agencies to which statistics are to be supplied	354-355
Standardisation of Transport Statistics	356

	PARAS.
Statistics to be supplied to the United Nations	357-358
Statistics required by ECAFE	359-360
Statistics to be published and supplied under Convention of 1928	361-366
Collection of Additional Statistics	367
Statistics to be supplied to the International Monetary Fund	368-372

CHAPTER X.—STATISTICS WHICH GOVERNMENT TRADE AND SHIPPING INDUSTRY REQUIRE

Commodity Data for shaping Government Policy	375
Regionwise Statistics essential for regulating exchange control policy	376
Regionwise Data useful for Trade Agreements	377
Regionwise Data helps determining Tariff Policy	378
Countrywise commodities Data necessary for developing Import Export Business	379
Regionwise Statistics and Economic Operations on Ships	380
Development of Sailing Vessel Industry requires separate statistics	381-383
Flagwise Statistics and Development of Indian Shipping	384
Study of Flagwise Data for opening new Shipping Services	385
Purposes for which Government require passenger Statistics	386
Statistics for the implementation of the Emigration Policy	387
Statistics of the Entry and Exit of Foreigners	388
Statistics for the Development of the Tourist Traffic	389
Statistics regarding the entry of foreign tourists	390
Passenger List furnished to the Police and the Port Health Officers	391
Passenger Statistics to be collected under the Indian Merchant Shipping Act	392-393
Data of Passenger Traffic—Routes and Internal arrangements of Passenger Ships	394
Details essential for future Passenger Statistics	395
Movement of Passengers in the Coastal Trade of India	396
National Shipping Policy and Security and Flags that carry India's Trades	397
Turn-round of Ships and Port & Shipping Economy	398-401
Records kept by the Directorate-General of Shipping	402-403

CHAPTER XI.—STUDY OF PORT AND SHIPPING STATISTICS IN LEADING MARITIME COUNTRIES

Difficulties in the way of study	405
Detailed Data not received from all countries	406-407
Port Statistical Systems vary	408
Statistical Work carried on by several Organisations	409-411
Responsibility of different Government Departments for Statistics in the U. S. A.	412-414
Fairly good field covered by Cargo Statistics at Indian Ports	415
Necessity to maintain regionwise and Flagwise Commodities Statistics	416
Combination of Region and Flag in commodities Statistics	417
Considerable scope in improvement of our Passenger Statistics	418
Statutory Obligations for supplying Passenger Statistics in the U. K.	419
System of maintaining Shipping Statistics in India compared with that of the U. K.	420
Freight Statistics	421
How Freight Statistics are collected in foreign countries	422-425
Vessel Utilization and Performance Report	426
Labour Statistics	427
Statistics and Special Studies office in the U. S. A.	428

CHAPTER XII.—ADDITIONAL PORT AND SHIPPING STATISTICS—AGENCY FOR COLLECTION

Uniform Commodity Schedule	430-432
Additional Cargo Statistics—Commodity—Flagwise	433

	PARAS.
Number of Flags	434
Commodity—Regionwise	435
Number of Regions	436
Statistics available from Commodity—Flagwise and Commodity—Regionwise Statements	437
Statistics of Coastal Cargo carried by Foreign flags	438
Tonnages of commodities carried by steamers and sailing vessels	439
Linewise and Agencywise Particulars of Imports and Exports	440
Flagwise Statement and the Tonnages of Total Imports and Exports	441
Same Bottom Cargo and Transshipment Cargo	442
Maintenance of separate Statistics for Tonnages imported and exported by Dry Cargo Vessels and Tankers	443
How International Obligations regarding Statistics for Cargo will be met	444
Basic Documents for additional Cargo Statistics	445-447
How International Obligations regarding Shipping Statistics will be fulfilled	448-454
Shipping Statistics	455-463
Passenger Statistics	464-468
Supply of Statistics of different types of vessels under International Obligations	469
Statistics of Sea Personnel	470
Turn-round of Vessels	471
Statistics regarding Port Facilities, Navigational Aids and Port Flotilla, etc.	472
Statistics regarding Officers who handle ships at Ports	473
Labour Statistics at all Ports	474
Construction of Ships	475
Laid-up Tonnage	476
Institutions for the training of Sea Personnel	477
Feasibility of drawing up, in future, a form based on the U. S. and Japanese Forms	478
Proposed Uniform Commodity Schedule	Pages 141-49
CHAPTER XIII.—AGENCY FOR COLLECTION, COMPILATION AND PUBLICATION OF STATISTICS	
Collecting Agencies recommended by us	479-480
Primary collecting agency or cargo statistics	481-483
Central Agency	484-485
Statistics that should be published—Agency for publication	486-490
Formation of Groups of ports or submitting Statistics	491
Publication of Shipping Statistics	492
Publication of Passenger Statistics	493
Publication of Statistics maintained by D. G. of Shipping	494-496
New Staff or additional Statistics at Ports	497
Proposed Statistical branch in the D. G. Shipping's Office	498
Mechanisation of Statistics	499
CHAPTER XIV.—WHAT FURTHER STATUTORY POWERS ARE NECESSARY FOR COLLECTING ADDITIONAL STATISTICS	
Present Statutory Powers of the Ports, Customs and D. G. Shipping	501-503
Existing Statutory powers for collecting cargo statistics	504
Rule 2 of the Landing and Shipping Fees	505
No fresh statutory power necessary for collecting additional cargo statistics	506
Additional Shipping Statistics	507-513
Additional Passenger Statistics	514-516
Additional Statistics of other nature	517

	PARAS.
CHAPTER XV.—SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS	
Conclusions	518-522
Recommendations	523-578
CHAPTER XVI	
Acknowledgements	579-589

PART II.—APPENDICES

	PAGES
I. Letters considered at the first meeting in connection with the question of modification of the original terms of reference	179-180
II. Letters exchanged between the Committee and the Ministry of Transport, on the terms of reference of the Committee	181-183
✓III. Questionnaires sent to Major and Minor Ports, the Collectors of Customs at Bombay, Cochin, Madras and Calcutta	184-208
Letters sent to the Ministries of the Central and State Governments	208-211
Letters addressed to the Indian National Steamship Owners' Association	212-213
IV. List of places visited by the Sub-Committee consisting of the Chairman and the Member-Secretary, and the parties with whom they had informal conversation during September and October, 1953	214
V. Letter issued by the Committee to the High Commissioner in the U. K. and the Indian Ambassadors in other progressive maritime countries	215
✓VI. Names of persons interviewed by the Member-Secretary during his visit to Delhi in November, 1953	216
✓VII. Names of persons interviewed by the Chairman and Member-Secretary at Delhi during February-March, 1954	217
✓VIII. Names of persons interviewed by the Member-Secretary during his visit to Delhi during May, 1954	218
IX. Letters received from Shri C. R. B. Menon, D. G., C. I. S. and a member of the Committee	219-223
✓X. Names of persons interviewed by the Chairman and the Member-Secretary at Bombay	224
XI. Statistics collected and maintained, and statistics collected, maintained and published by the Major Ports	225-250
XII. Statistics collected and maintained, and statistics collected, maintained and published by the Minor Ports	251-265
✓XIII. The columns in basic documents for cargo statistics at the Major Ports and the ports in Saurashtra and how they are filled in and by whom	266-274
XIV. The number of copies of Bills of Entry for Home Consumption and Shipping Bills executed at the Major Ports and the Minor Ports in Saurashtra and how they are disposed of	275-277
XV. Conversion Table supplied by the Ministry of Transport, and followed by the Ports of Calcutta, Bombay, Madras and Cochin.	278

	PAGES
XVI. Names of commodities for which tonnages of imports or exports are maintained by the Major and Minor Ports (according to Administration Reports and Departmental Statements received by the Committee)	279-284
XVII. U. K. Merchant Navy—Statement of gains and losses, and net gain, during the month of February 1954, and total effective strength at the end of the month, based on an analysis of the effective section of the Central Register of Seamen	285-286
✓XVIII. International Standard Definitions for Transport Statistics	287-290 *
XIX. Table V. Transportation—Balance of Payment Manual A. Receipts, B. Payments	291-294
XX. New Forms of Embarkation and Disembarkation Cards under the Registration of Foreigners Rules, 1939	295-296
XXI. Vessels Utilization and Performance Report Forms of the U.S.A.	297-312 *
XXII. Text of Instructions in the U. K. regarding the conditions under which returns on shipping statistics are submitted	313
XXIII. Monthly Reports which the Japanese Shipping Companies have to submit to the Ministry of Transport, Japanese Government, in respect of operation and revenue and expenses of the Japanese vessels	314-315 *
XXIV. Shipping statistics about Arrivals and Departures at principal ports in the U. K. as published in the Board of Trade Journal, dated 7-11-1953	316-318 *
XXV. Return of Passengers leaving India in ships bound for places out of India	319, vii baa *
XXVI. Return of Passengers brought to India in ships arriving from places out of India	320
XXVII. Return of passengers carried in the Coastal Trade	321
XXVIII. Statement showing the 32 Ports and Port Groups which will be furnishing D. G. Shipping with Cargo and other statistics mentioned in Chapter XV	322

PART I—REPORT

2—19 Trans.