

20. SHIPPING

This section presents tables relating to the strength and tonnage of Indian merchant shipping. The data on strength of the fleet covers ships registered under Merchant Shipping Act, 1958 and the source for the data is the Directorate General of Shipping. However the basic source of data for shipping traffic is the respective Port Authorities of Indian Ports. These data are collected and published by the Transport Research Wing of the Ministry of Shipping and also maintained by the Directorate General of Shipping.

Table 20.1

This table shows the strength of Indian merchant shipping fleet in terms of no. of vessels and Gross Registered Tonnage (GRT) plying for the coastal and overseas trade. The breakup of the fleet into passenger vessels, tankers, dry cargo vessels etc. is also given for the latest year.

Table 20.2

This table gives information regarding the total sea borne imports and exports and share of Indian flag vessels in the traffic handled at ports.

Table 20.3

This table provides the data regarding number and Net Registered Tonnage (NRT) of vessels which entered and cleared with cargo and in ballast by the type of vessels, namely, steam and sailing. Net Registered Tonnage is defined as the net volume of enclosed space of vessels less crew space, engine room and other space not used for cargo. The unit for measurement of NRT is a ton of 100 cubic feet.

Tables 20.4

This table presents data regarding the number and Net Registered Tonnage of vessels which entered Indian ports and which cleared from Indian ports with cargo and in ballast by nationality of vessels.

Tables 20.5

This table presents data regarding the number and Net Registered Tonnage of vessels which entered and cleared with cargo and in ballast respectively by nationality of vessels in coastal trade.

Table 20.6

This table provides data relating to the number and Net Registered Tonnage of steamers and vessels (sailing) in foreign and coastal trade handled by major ports in India.

Table 20.7

This table presents data relating to gross tonnage of imports and exports in coastal and foreign trade by major Indian ports.

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**Table 20.1- STRENGTH OF INDIAN MERCHANT SHIPPING FLEET
(As on 31st December)**

| Year/Type of fleet | Coastal Trade | | Overseas Trade | | Total | |
|--|-------------------|--------|-------------------|---------|-------------------|---------|
| | No. of Vessels | G.R.T. | No. of Vessels | G.R.T. | No. of Vessels | G.R.T. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1991 | 169 | 560807 | 246 | 5378014 | 415 | 5938821 |
| 1996 | 231 | 704795 | 253 | 6347235 | 484 | 7052030 |
| 1997 | 232 | 654226 | 244 | 6223899 | 476 | 6878125 |
| 1998 | 247 | 654296 | 237 | 6130684 | 484 | 6784980 |
| 1999 | 269 | 679707 | 241 | 6372555 | 510 | 7052262 |
| 2000 | 312 | 709089 | 237 | 6243611 | 549 | 6952700 |
| 2001 | 329 | 731367 | 228 | 6236390 | 557 | 6967757 |
| 2002 | 424 | 804868 | 193 | 5402456 | 617 | 6207324 |
| 2003 | 429 | 805594 | 196 | 5817544 | 625 | 6623138 |
| 2004 | 454 | 808392 | 215 | 6892568 | 669 | 7700960 |
| 2004 | | | | | | |
| 1. Dry cargo vessels (1) | 282 | 238040 | 17 | 188898 | 299 | 426938 |
| 2. Dry cargo bulk carriers | 9 | 226388 | 82 | 1842278 | 91 | 2068666 |
| 3. Tankers (2) | 16 | 96192 | 110 | 4748143 | 126 | 4844335 |
| 4. Passenger-cum-cargo carriers(| 37 | 76950 | 2 | 10808 | 39 | 87758 |
| 5. Offshore supply vessels | 78 | 80428 | - | - | 78 | 80428 |
| 6. Specialised vessels for offshore service | 32 | 90394 | - | - | 32 | 90394 |
| 7. Timber carriers | - | - | 2 | 7486 | 2 | 7486 |
| 8. Ore/oil bulk carriers | - | - | 2 | 94955 | 2 | 94955 |

Source: Transport Research Wing, M/o Shipping, Road Transport & Highways.

(1) Include cellular containers, tugs, Ro-Ro Port trusts & maritime, Dredgers, barges etc.

(2) Include LPG, acid and gas carriers.

(3) Include Passenger Service vessels.

**Table 20.2- SHARE OF INDIAN FOREIGNFLAG VESSELS IN THE OVERSEAS CARGO
TRAFFIC HANDLED AT PORTS**

| Year | Total over seas Traffic (million tonnes) | Percentage of cargo carried by | |
|---------|---|--------------------------------------|----------------------------|
| | | Indian flag vessels | Foreign flag vessels |
| 1 | 2 | 3 | 4 |
| 1990-91 | 112.22 | 35.60 | 64.40 |
| 1995-96 | 170.22 | 27.30 | 72.70 |
| 1996-97 | 178.32 | 29.78 | 70.22 |
| 1997-98 | 208.16 | 30.02 | 69.98 |
| 1998-99 | 204.41 | 30.48 | 69.52 |
| 1999-00 | 229.74 | 29.90 | 70.10 |
| 2000-01 | 254.57 | 22.40 | 77.60 |
| 2001-02 | 275.83 | 16.70 | 83.30 |
| 2002-03 | 303.03 | 14.89 | 85.11 |
| 2003-04 | 345.65 | 13.77 | 86.23 |

Source: Transport Research Wing, M/o Shipping, Road Transport & Highways

Note: Percentages were estimates based on the data received from the ports and not based on the entire overseas cargo traffic handled.

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Table 20.3- VESSELS ENTERED AND CLEARED BY STEAMERS AND SAILING VESSELS

| Vessel | 1990-91 | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05 P | |
|-----------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|---------------|
| | No. | th.NRT | No. | th.NRT | No. | th.NRT | No. | th.NRT | No. | th.NRT | No. | th.NRT |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| A. Foreign Trade - Entered | | | | | | | | | | | | |
| With Cargo | 4845 | 34260 | 5365 | 55466 | 4145 | 55982 | 4080 | 47582 | 4220 | 59011 | 5533 | 68111 |
| Steam | 4246 | 33897 | 5258 | 55439 | 4027 | 55953 | 4011 | 47564 | 4070 | 58968 | 5384 | 68070 |
| Sailing | 599 | 363 | 107 | 27 | 118 | 29 | 69 | 18 | 150 | 43 | 149 | 41 |
| In Ballast | 2568 | 12048 | 1215 | 12414 | 1204 | 13530 | 1689 | 15460 | 1797 | 18607 | 1446 | 13943 |
| Steam | 1948 | 11918 | 1122 | 12379 | 1151 | 13517 | 1604 | 15366 | 1708 | 18583 | 1304 | 13909 |
| Sailing | 620 | 130 | 93 | 35 | 53 | 13 | 85 | 94 | 89 | 24 | 142 | 34 |
| Grand Total | 7413 | 46308 | 6580 | 67880 | 5349 | 69512 | 5769 | 63042 | 6017 | 77618 | 6979 | 82054 |
| Steam | 6194 | 45815 | 6380 | 67818 | 5178 | 69470 | 5615 | 62930 | 5778 | 77551 | 6688 | 81979 |
| Sailing | 1219 | 493 | 200 | 62 | 171 | 42 | 154 | 112 | 239 | 67 | 291 | 75 |
| B. Foreign Trade - Cleared | | | | | | | | | | | | |
| With Cargo | 4253 | 35666 | 3494 | 38043 | 3033 | 41716 | 3215 | 44244 | 3537 | 50744 | 5709 | 88733 |
| Steam | 3551 | 35531 | 3311 | 37999 | 2806 | 41662 | 3014 | 43824 | 3308 | 50680 | 5331 | 88636 |
| Sailing | 702 | 135 | 183 | 44 | 227 | 54 | 201 | 420 | 229 | 64 | 378 | 97 |
| In Ballast | 2319 | 13592 | 1959 | 16327 | 1881 | 17404 | 1835 | 22226 | 1930 | 31549 | 2085 | 23601 |
| Steam | 1802 | 13372 | 1870 | 15996 | 1878 | 17403 | 1834 | 22226 | 1930 | 31549 | 2085 | 23601 |
| Sailing | 517 | 220 | 89 | 331 | 3 | 1 | 1 | - | - | - | .. | .. |
| Grand Total | 6572 | 49258 | 5453 | 54370 | 4914 | 59120 | 5050 | 66470 | 5467 | 82293 | 7794 | 112334 |
| Steam | 5353 | 48903 | 5181 | 53995 | 4684 | 59065 | 4848 | 66050 | 5238 | 82229 | 7416 | 112237 |
| Sailing | 1219 | 355 | 272 | 375 | 230 | 55 | 202 | 420 | 229 | 64 | 378 | 97 |
| C. Coastal Trade - Entered | | | | | | | | | | | | |
| With Cargo | 3497 | 14162 | 3329 | 23995 | 2691 | 20299 | 2546 | 19202 | 2184 | 22269 | 3559 | 29711 |
| Steam | 1738 | 12735 | 2872 | 22863 | 2306 | 19207 | 2352 | 17817 | 1996 | 21023 | 3341 | 28046 |
| Sailing | 1759 | 1427 | 457 | 1132 | 385 | 1092 | 194 | 1385 | 188 | 1246 | 218 | 1665 |
| In Ballast | 5119 | 7529 | 2943 | 12525 | 2311 | 13447 | 1796 | 10117 | 2493 | 19841 | 3171 | 20924 |
| Steam | 2350 | 7427 | 2234 | 9939 | 1967 | 11277 | 1637 | 9032 | 2362 | 18718 | 2988 | 19476 |
| Sailing | 2769 | 102 | 709 | 2586 | 344 | 2170 | 159 | 1085 | 131 | 1123 | 183 | 1448 |
| Grand Total | 8616 | 21691 | 6272 | 36520 | 5002 | 33746 | 4342 | 29319 | 4677 | 42110 | 6730 | 50635 |
| Steam | 4088 | 20162 | 5106 | 32802 | 4273 | 30484 | 3989 | 26849 | 4358 | 39741 | 6329 | 47522 |
| Sailing | 4528 | 1529 | 1166 | 3718 | 729 | 3262 | 353 | 2470 | 319 | 2369 | 401 | 3113 |
| D. Coastal Trade - Cleared | | | | | | | | | | | | |
| With Cargo | 3320 | 24061 | 3207 | 20204 | 3641 | 22710 | 2310 | 18554 | 3166 | 27096 | 3618 | 32326 |
| Steam | 2532 | 23935 | 2893 | 18878 | 3359 | 21766 | 2215 | 17935 | 3084 | 26048 | 3471 | 31572 |
| Sailing | 788 | 126 | 314 | 1326 | 282 | 944 | 95 | 619 | 82 | 1048 | 147 | 754 |
| In Ballast | 5671 | 8077 | 2214 | 9489 | 1874 | 9281 | 2398 | 9195 | 1783 | 9349 | 3199 | 16127 |
| Steam | 2293 | 7899 | 1639 | 6687 | 1529 | 6086 | 2268 | 8224 | 1706 | 8481 | 3050 | 14649 |
| Sailing | 3378 | 178 | 575 | 2802 | 345 | 3195 | 130 | 971 | 77 | 868 | 149 | 1478 |
| Grand Total | 8991 | 32138 | 5421 | 29693 | 5515 | 31991 | 4708 | 27749 | 4949 | 36445 | 6817 | 48453 |
| Steam | 4825 | 31834 | 4532 | 25565 | 4888 | 27852 | 4483 | 26159 | 4790 | 34529 | 6521 | 46221 |
| Sailing | 4166 | 304 | 889 | 4128 | 627 | 4139 | 225 | 1590 | 159 | 1916 | 296 | 2232 |

Source: Directorate General of Commercial Intelligence & Statistics,
Ministry of Commerce

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**Table 20.4-NUMBER AND TONNAGE OF VESSELS WHICH ENTERED AND CLEARED
AT INDIAN PORTS BY NATIONALITIES**

| Nationality | 1990-91 | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05 P | |
|----------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|---------------|
| | No. NRT('000) | | No. NRT('000) | | No. IRT('000) | | No. NRT('000) | | No. NRT('000) | | No. NRT('000) | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Entered | | | | | | | | | | | | |
| Indian | 1516 | 12099 | 949 | 13678 | 626 | 20869 | 852 | 11907 | 782 | 9743 | 837 | 8935 |
| British | 66 | 448 | 21 | 366 | 9 | 106 | 8 | 92 | 63 | 1056 | 162 | 723 |
| American | 99 | 1344 | 41 | 576 | 40 | 760 | 12 | 141 | 38 | 306 | 40 | 647 |
| Chinese | 48 | 270 | 89 | 943 | 42 | 843 | 64 | 835 | 78 | 919 | 77 | 799 |
| Danish | 39 | 397 | 5 | 11 | 3 | 12 | 5 | 25 | 13 | 162 | 12 | 62 |
| Dutch | 39 | 236 | 99 | 1593 | 21 | 176 | 57 | 1009 | 56 | 1356 | 29 | 222 |
| French | - | - | 43 | 323 | 23 | 211 | 23 | 188 | 25 | 698 | .. | .. |
| Greek | 59 | 573 | 31 | 593 | 58 | 1040 | 89 | 2244 | 93 | 3033 | 138 | 3103 |
| Italian | 77 | 405 | 24 | 238 | 15 | 95 | 20 | 278 | 16 | 262 | 42 | 475 |
| Japanese | 58 | 435 | 10 | 173 | 4 | 79 | 8 | 138 | 41 | 589 | 48 | 651 |
| Norwegian | 101 | 940 | 79 | 1129 | 98 | 1359 | 130 | 1985 | 117 | 2029 | 180 | 1085 |
| Russian | 138 | 1056 | 47 | 229 | 6 | 34 | 15 | 406 | 15 | 122 | 18 | 105 |
| Others | 2605 | 16058 | 3927 | 35614 | 3220 | 30398 | 4486 | 43794 | 4680 | 57343 | 5396 | 65247 |
| Total | #### | 34261 | 5365 | 55466 | 4145 | 55982 | 5769 | 63042 | 6017 | 77618 | 6979 | 82054 |
| Cleared | | | | | | | | | | | | |
| Indian | 1266 | 6535 | 617 | 3357 | 418 | 2743 | 630 | 7409 | 882 | 7209 | 938 | 9239 |
| British | 50 | 341 | 9 | 73 | 5 | 20 | 11 | 392 | 73 | 1195 | 218 | 2347 |
| American | 55 | 829 | 57 | 814 | 22 | 428 | 10 | 120 | 44 | 436 | 93 | 1285 |
| Chinese | 100 | 503 | 138 | 3101 | 118 | 3890 | 111 | 2138 | 110 | 1553 | 127 | 2138 |
| Danish | 39 | 248 | 15 | 54 | 7 | 24 | 2 | 7 | 26 | 297 | 26 | 394 |
| Dutch | 47 | 585 | 31 | 417 | 6 | 322 | 15 | 100 | 27 | 223 | 53 | 545 |
| French | - | - | 31 | 298 | 77 | 5607 | 13 | 217 | 14 | 471 | 8 | 111 |
| Greek | 43 | 494 | 16 | 302 | 35 | 1309 | 73 | 2813 | 91 | 3685 | 126 | 4236 |
| Italian | 56 | 1470 | 6 | 61 | 10 | 335 | 17 | 381 | 28 | 280 | 51 | 628 |
| Japanese | 152 | 9570 | 90 | 6754 | 7 | 131 | 12 | 452 | 49 | 1329 | 28 | 662 |
| Norwegian | 51 | 344 | 47 | 555 | 37 | 487 | 127 | 1844 | 99 | 1720 | 196 | 1666 |
| Russian | 137 | 929 | 30 | 231 | 8 | 194 | 5 | 40 | 10 | 67 | 12 | 43 |
| Others | 2257 | 13816 | 2407 | 22026 | 2283 | 26226 | 4024 | 50557 | 4014 | 63828 | 5918 | 89040 |
| Total | #### | 35664 | 3494 | 38043 | 3033 | 41716 | 5050 | 66470 | 5467 | 82293 | 7794 | 112334 |

Source: Directorate General of Commercial Intelligence & Statistics,
Ministry of Commerce

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Table 20.5-TONNAGE OF VESSELS WHICH ENTERED AND CLEARED AT INDIAN PORTS IN COASTAL TRADE BY NATIONALITIES

('000 NRT)

| Nationality | 1990-91 | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05 P | |
|-------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Entered | Cleared | Entered | Cleared | Entered | Cleared | Entered | Cleared | Entered | Cleared | Entered | Cleared |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| In Ballast | | | | | | | | | | | | |
| Indian | 6406 | 7152 | 10445 | 7783 | 11048 | 7739 | 7583 | 5999 | 12161 | 3929 | 12076 | 6441 |
| British | 9 | 11 | .. | .. | .. | .. | 38 | 14 | 59 | 52 | 180 | 162 |
| Chinese | 23 | 8 | 37 | 3 | 130 | 13 | 42 | 10 | 118 | 24 | 199 | 108 |
| Japanese | 5 | 20 | .. | .. | .. | .. | .. | .. | 195 | 52 | 249 | 93 |
| Pakistani | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 27 | 51 |
| Danish | 13 | 16 | 3 | 3 | 1 | .. | 23 | .. | 3 | .. | 5 | 103 |
| Dutch | 63 | 2 | 2 | 4 | .. | .. | 10 | 7 | 1 | 8 | 16 | 42 |
| French | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 31 |
| Greek | 96 | 106 | .. | 33 | 65 | 17 | 64 | 133 | 217 | 98 | 456 | 207 |
| Italian | 25 | 9 | .. | .. | 22 | 7 | 1 | .. | 8 | 5 | 44 | 112 |
| Norwegian | 96 | 32 | 26 | 24 | 20 | 4 | 14 | 34 | 103 | 369 | 214 | 485 |
| Portuguese | .. | 14 | .. | .. | .. | .. | .. | .. | 5 | 4 | .. | .. |
| Russian | 67 | 36 | 6 | 40 | 12 | 21 | .. | .. | 3 | 3 | 5 | 33 |
| Swedish | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| German | 54 | 5 | 9 | .. | .. | .. | 6 | 14 | .. | .. | 47 | 9 |
| American | 14 | 80 | 156 | 98 | .. | .. | 27 | 137 | 16 | 21 | 39 | 121 |
| Panamania | 202 | 172 | 342 | 281 | 512 | 354 | 549 | 752 | 2039 | 1381 | 1679 | 1684 |
| Others | 455 | 414 | 1499 | 1208 | 1637 | 1126 | 1754 | 2095 | 4913 | 3398 | 5688 | 6445 |
| Total | 7528 | 8077 | 12525 | 9489 | 13447 | 9281 | 10117 | 9195 | 19841 | 9349 | 20924 | 16127 |
| With Cargo | | | | | | | | | | | | |
| Indian | 11527 | 21963 | 19282 | 14096 | 16117 | 15798 | 13599 | 10626 | 14719 | 15709 | 14746 | 14370 |
| British | 99 | 57 | 6 | 62 | .. | .. | 70 | 30 | 122 | 141 | 433 | 491 |
| Chinese | 12 | 17 | 15 | 24 | 172 | 75 | 109 | 56 | 137 | 153 | 118 | 237 |
| Japanese | 30 | 26 | .. | .. | 16 | 71 | .. | .. | 19 | 185 | 182 | 5 |
| Pakistani | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | 1 | .. |
| Danish | 219 | 5 | 1 | 1 | 3 | 4 | 9 | 1 | 6 | 31 | 428 | 94 |
| Dutch | 82 | 46 | 13 | .. | 38 | 20 | .. | 101 | 25 | 23 | 30 | 104 |
| French | .. | .. | .. | .. | .. | .. | 18 | 6 | .. | 14 | .. | .. |
| Greek | 48 | 99 | 8 | 105 | 74 | 236 | 76 | 244 | 243 | 292 | 566 | 466 |
| Italian | .. | .. | .. | 3 | .. | 5 | 32 | 26 | 18 | 18 | 180 | 108 |
| Norwegian | 234 | 222 | 64 | 309 | 73 | 323 | 70 | 235 | 585 | 325 | 385 | 354 |
| Portuguese | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Russian | 253 | 203 | 32 | 15 | 11 | 24 | .. | .. | 5 | 33 | 34 | 23 |
| Swedish | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| German | 51 | 84 | 99 | 3 | 48 | 14 | .. | 16 | 58 | 58 | .. | 107 |
| American | 314 | 117 | 527 | 601 | 111 | 237 | 23 | 31 | .. | 30 | 79 | 82 |
| Panamania | 402 | 300 | 912 | 868 | 1124 | 1347 | 1295 | 1597 | 2243 | 2683 | 3057 | 4306 |
| Others | 891 | 909 | 3036 | 4117 | 2512 | 4556 | 3901 | 5585 | 4079 | 7401 | 9472 | 11579 |
| Total | 1E+05 | 115426 | 23995 | 20204 | 20299 | 22710 | 19202 | 18554 | 22269 | 27096 | 29711 | 32326 |

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce

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Table 20.6- TOTAL SHIPPING IN THE FOREIGN AND COASTAL TRADE AT MAJOR PORTS

| Vessel | 1990-91 | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05(P) | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT | No. '000 NRT |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Mumbai | | | | | | | | | | | | |
| Steamers | 6430 | 32202 | 4598 | 33031 | 3623 | 25016 | 3672 | 27594 | 4290 | 28976 | 9675 | 74778 |
| Indian | 2795 | 16112 | 1497 | 12502 | 1570 | 12528 | 1815 | 13326 | 2380 | 14680 | 3746 | 18945 |
| Others | 3635 | 16090 | 3101 | 20529 | 2053 | 12488 | 1857 | 14268 | 1910 | 14296 | 5929 | 55833 |
| Sailing vessels | 3010 | 458 | 394 | 98 | 401 | 97 | 293 | 83 | 468 | 131 | 669 | 172 |
| Total Steamers/ Sailing Vessels | 9440 | 32660 | 4992 | 33129 | 4024 | 25113 | 3965 | 27677 | 4758 | 29107 | 10344 | 74950 |
| Kolkata | | | | | | | | | | | | |
| Steamers | 1643 | 7865 | 1601 | 10333 | 1444 | 10138 | 1580 | 11170 | 1114 | 4071 | 1392 | 7992 |
| Indian | 514 | 2604 | 213 | 1527 | 126 | 762 | 134 | 882 | 49 | 44 | 84 | 605 |
| Others | 1129 | 5261 | 1388 | 8806 | 1318 | 9376 | 1446 | 10288 | 1065 | 4027 | 1308 | 7387 |
| Sailing vessels | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Steam Sailing Vessels | 1643 | 7865 | 1601 | 10333 | 1444 | 10138 | 1580 | 11170 | 1114 | 4071 | 1392 | 7992 |
| Paradeep * | | | | | | | | | | | | |
| Steamers | .. | .. | .. | .. | .. | .. | .. | .. | 525 | 7142 | 665 | 9346 |
| Indian | .. | .. | .. | .. | .. | .. | .. | .. | 51 | 700 | 59 | 761 |
| Others | .. | .. | .. | .. | .. | .. | .. | .. | 474 | 6442 | 606 | 8585 |
| Sailing vessels | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Steam Sailing Vessels | .. | .. | .. | .. | .. | .. | .. | .. | 525 | 7142 | 665 | 9346 |
| Madras Fort St. George | | | | | | | | | | | | |
| Steamers | 5549 | 41541 | 6136 | 65103 | 5937 | 68159 | 6157 | 61970 | 6079 | 73858 | 7711 | 92336 |
| Indian | 2770 | 20525 | 3066 | 30699 | 3046 | 32364 | 2927 | 25719 | 2921 | 36722 | 2752 | 32444 |
| Others | 2779 | 21016 | 3070 | 34404 | 2891 | 35795 | 3230 | 36251 | 3158 | 37136 | 4959 | 59892 |
| Sailing Vessels | 1049 | 138 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Steamers/ Sailing Vessels | 6598 | 41679 | 6136 | 65103 | 5937 | 68159 | 6157 | 61970 | 6079 | 73858 | 7711 | 92336 |
| Cochin | | | | | | | | | | | | |
| Steamers | 786 | 5283 | 913 | 4747 | 1246 | 5393 | 279 | 2478 | 474 | 3948 | 406 | 3994 |
| Indian | 184 | 3160 | 177 | 1138 | 53 | 675 | 26 | 215 | 108 | 849 | 82 | 1479 |
| Others | 602 | 2123 | 736 | 3609 | 672 | 4718 | 253 | 2263 | 366 | 3099 | 324 | 2515 |
| Sailing Vessels | 197 | 1035 | 688 | 6230 | 521 | 5008 | 409 | 3476 | 478 | 4284 | 697 | 5346 |
| Total Steamers/ Sailing Vessels | 983 | 6318 | 1601 | 10977 | 1246 | 10401 | 688 | 5954 | 952 | 8232 | 1103 | 9340 |
| Ahmedabad | | | | | | | | | | | | |
| Steamers | 2939 | 19201 | 4290 | 28135 | 2804 | 16046 | 3283 | 31183 | 3499 | 60547 | 4101 | 34624 |
| Indian | 2226 | 12867 | 2662 | 9466 | 2242 | 8450 | 1892 | 4610 | 665 | 4254 | 1826 | 5954 |
| Others | 713 | 6334 | 1628 | 18669 | 562 | 7596 | 1391 | 26573 | 2834 | 56293 | 2275 | 28670 |
| Sailing Vessels | 6852 | 1050 | 1445 | 1955 | 835 | 2394 | 232 | 1034 | .. | .. | .. | .. |
| Total Steamers/ Sailing Vessels | 9791 | 20251 | 5735 | 30090 | 3639 | 18440 | 3515 | 32217 | 3499 | 60547 | 4101 | 34624 |
| Kandla | | | | | | | | | | | | |
| Steamers | 1555 | 10355 | 2544 | 15555 | 2996 | 18276 | 2972 | 18840 | 2976 | 19490 | 1492 | 10309 |
| Indian | 440 | 3100 | 610 | 3928 | 597 | 2912 | 243 | 1610 | 183 | 860 | 121 | 647 |
| Others | 1115 | 7255 | 1934 | 11627 | 2399 | 15364 | 2729 | 17230 | 2793 | 18630 | 1371 | 9662 |
| Sailing Vessels | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Steamers/ Sailing Vessels | 1555 | 10355 | 2544 | 15555 | 2996 | 18276 | 2972 | 18840 | 2976 | 19490 | 1492 | 10309 |
| Marmugao | | | | | | | | | | | | |
| Steamers | 1002 | 29949 | 1117 | 23276 | 1494 | 43839 | 992 | 28753 | 1207 | 36018 | 1512 | 54580 |
| Indian | 593 | 12481 | 735 | 6636 | 867 | 17308 | 384 | 7454 | 315 | 2620 | 528 | 2551 |
| Others | 409 | 17468 | 382 | 16640 | 627 | 26531 | 608 | 21299 | 892 | 33398 | 984 | 52029 |
| Sailing Vessels | 24 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Steamers/ Sailing Vessels | 1026 | 29952 | 1117 | 23276 | 1494 | 43839 | 992 | 28753 | 1207 | 36018 | 1512 | 54580 |

Source: Directorate General of Commercial Intelligence & Statistics,
Ministry of Commerce

* N.B. Starting from 2003-04, the figures relating to Paradeep Port are being shown separately instead of being clubbed with Kolkata as was being done upto 2002-03.

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Table 20.7-GROSS WEIGHT OF CARGO HANDLED AT MAJOR PORTS

('000 tonne)

| Major Port | 1990-91 | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05(P) | |
|-----------------------|--------------|--------------|---------------|--------------|---------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| | Import | Export | Import | Export | Import | Export | Import | Export | Import | Export | Import | Export |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Kolkata | 11253 | 4747 | 23179 | 6821 | 22950 | 7453 | 26460 | 9344 | 30236 | 11024 | 33206 | 13001 |
| Coastal trade | 1053 | 3614 | 2925 | 4416 | 2275 | 3691 | 4371 | 4092 | 4657 | 3890 | 3908 | 4213 |
| Foreign trade | 10200 | 1133 | 20254 | 2405 | 20675 | 3762 | 22089 | 5252 | 25579 | 7134 | 29298 | 8788 |
| Mumbai | 11506 | 14755 | 15079 | 9311 | 15804 | 8880 | 14027 | 10277 | 16055 | 10496 | 16764 | 11475 |
| Coastal trade | 424 | 11516 | 2198 | 6624 | 2050 | 6078 | 12604 | 7127 | 1359 | 7533 | 2189 | 7921 |
| Foreign trade | 11082 | 3239 | 12872 | 2687 | 13754 | 2802 | 1423 | 3150 | 14696 | 2963 | 14575 | 3554 |
| Chennai | 14182 | 9100 | 28548 | 12299 | 23043 | 12970 | 19605 | 14082 | 20302 | 16408 | 24745 | 19061 |
| Coastal trade | 8307 | 1300 | 15547 | 7033 | 11087 | 833 | 7602 | 965 | 6495 | 1059 | 5793 | 1788 |
| Foreign trade | 5875 | 7800 | 13001 | 11566 | 11956 | 12137 | 12003 | 13117 | 13807 | 15349 | 18952 | 17273 |
| Visakhapatnam | 9691 | 11091 | 17005 | 18186 | 17866 | 16907 | 18544 | 20283 | 19305 | 21369 | 21290 | 24916 |
| Coastal trade | 1577 | 4854 | 4716 | 10016 | 4428 | 7870 | 4366 | 8889 | 3682 | 8079 | 2766 | 8992 |
| Foreign trade | 8114 | 6237 | 12289 | 8170 | 13438 | 9037 | 14178 | 11394 | 15623 | 13290 | 18524 | 15924 |
| Cochin | 6302 | 1152 | 11061 | 2083 | 10091 | 1968 | 10899 | 2125 | 11119 | 2453 | .. | .. |
| Coastal trade | 3893 | 641 | 4783 | 1011 | 4279 | 751 | 3670 | 1016 | 2750 | 798 | .. | .. |
| Foreign trade | 2409 | 511 | 6278 | 1072 | 5812 | 1217 | 7229 | 1109 | 8369 | 1655 | .. | .. |
| Kandla | 18149 | 2854 | 31954 | 4787 | 28456 | 7703 | 30259 | 10374 | 31214 | 10309 | 32007 | 9545 |
| Coastal trade | 6106 | 218 | 5250 | 387 | 3878 | 797 | 3394 | 997 | 3308 | 1102 | 3754 | 890 |
| Foreign trade | 12043 | 2636 | 26704 | 4400 | 24578 | 6906 | 26865 | 9377 | 27906 | 9207 | 28253 | 8655 |
| Paradip | 2856 | 4417 | 6840 | 13052 | 6660 | 14465 | 6991 | 16910 | 6705 | 18606 | 8438 | 21666 |
| Coastal trade | - | 2369 | - | - | - | - | - | - | - | - | .. | .. |
| Foreign trade | 2856 | 2048 | 6840 | 13052 | 6660 | 14465 | 6991 | 16910 | 6705 | 18606 | 8438 | 21666 |
| Marmugao | 1505 | 12703 | 3574 | 15938 | 4600 | 18309 | 4380 | 19269 | 4468 | 23406 | 5631 | 25028 |
| Coastal trade | 735 | 188 | 1016 | 125 | 1036 | 156 | 1001 | 193 | 1227 | 80 | 847 | 287 |
| Foreign trade | 770 | 12515 | 2558 | 15813 | 3564 | 18153 | 3379 | 19076 | 3241 | 23326 | 4784 | 24741 |
| New Mangalore | - | - | - | - | - | - | - | - | - | - | 15512 | 18379 |
| Coastal trade | - | - | - | - | - | - | - | - | - | - | 4235 | 4172 |
| Foreign trade | - | - | - | - | - | - | - | - | - | - | 11277 | 14207 |
| Total(Major Po | 75444 | 60819 | 137231 | 82477 | 129470 | 88655 | 1E+05 | 1E+05 | 139404 | 114071 | 157593 | 143071 |
| Coastal trade | 22095 | 24700 | 36435 | 23312 | 29033 | 20176 | 37008 | 23279 | 23478 | 22541 | 23492 | 28263 |
| Foreign trade | 53349 | 36119 | 100796 | 59165 | 100437 | 68479 | 94157 | 79385 | 115926 | 91530 | 134101 | 114808 |

Source: Directorate General of Commercial Intelligence and Statistics
Ministry of Commerce

TABLE NUMBER 20.1
**STRENGTH OF
 INDIAN MERCHANT SHIPPING FLEET**
 (AS ON 31ST DECEMBER)

(NO. VESSELS)

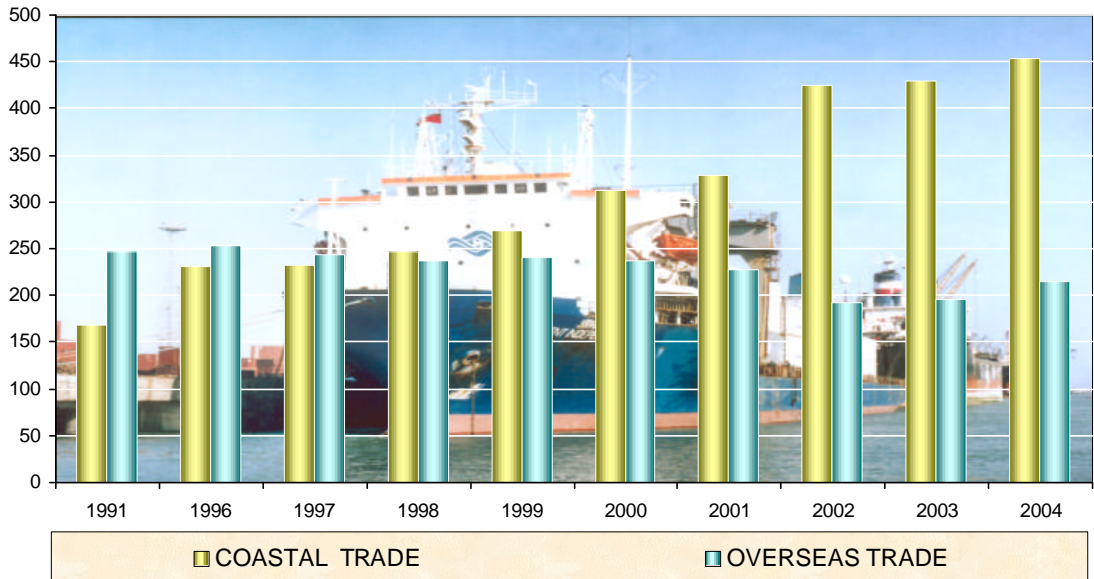


TABLE NUMBER 20.7
GROSS WEIGHT OF CARGO HANDLED AT MAJOR PORTS

('000 TONNE)

