

STATISTICAL APPENDICES

APPENDIX I.A

Exports of Rice from Major Ports of Burma to All Countries

| Year | Rangoon | Akyab | Bassein | Moulmein | Other Ports | Total |
|---------|---------|---------|-------------|----------|-------------|-----------|
| | | | <i>Tons</i> | | | |
| 1862/3 | 108,913 | 115,175 | 38,639 | 21,501 | — | 284,228 |
| 1863/4 | 170,077 | 152,686 | 39,366 | 16,113 | — | 378,241 |
| 1864/5 | 259,270 | 121,077 | 64,225 | 25,046 | — | 469,618 |
| 1865/6 | 202,125 | 120,472 | 62,649 | 40,951 | — | 426,197 |
| 1866/7 | 107,858 | 81,391 | 26,690 | 32,162 | — | 248,101 |
| 1867/8 | 163,142 | 97,876 | 37,160 | 27,735 | — | 325,913 |
| 1868/9 | 244,510 | 111,192 | 60,549 | 29,858 | — | 446,109 |
| 1869/70 | 181,964 | 69,185 | 51,063 | 27,429 | — | 329,641 |
| 1870/1 | 220,101 | 133,571 | 44,291 | 42,038 | — | 440,001 |
| 1871/2 | 265,613 | 105,894 | 55,274 | 60,381 | — | 487,162 |
| 1872/3 | 415,028 | 173,252 | 74,927 | 57,143 | — | 720,350 |
| 1873/4 | 482,479 | 162,788 | 88,495 | 77,344 | — | 811,106 |
| 1874/5 | 389,897 | 141,416 | 89,743 | 49,169 | — | 670,225 |
| 1875/6 | 389,821 | 136,274 | 113,957 | 81,157 | — | 721,209 |
| 1876/7 | 403,136 | 143,185 | 104,516 | 59,946 | — | 710,783 |
| 1877/8 | 353,253 | 80,713 | 102,178 | 36,381 | 7,245 | 579,770 |
| 1878/9 | 398,489 | 68,233 | 120,186 | 55,280 | 6,406 | 648,594 |
| 1879/80 | 397,318 | 119,915 | 145,274 | 63,673 | 2,204 | 728,384 |
| 1880/1 | 452,309 | 172,805 | 154,336 | 60,648 | 916 | 841,014 |
| 1881/2 | 553,511 | 157,723 | 167,298 | 56,508 | 3,083 | 938,123 |
| 1882/3 | 677,122 | 154,623 | 164,040 | 66,898 | 3,846 | 1,066,529 |
| 1883/4 | 504,626 | 140,199 | 148,657 | 54,845 | 2,788 | 851,115 |
| 1884/5 | 433,996 | 102,251 | 107,080 | 32,724 | 3,464 | 679,515 |
| 1885/6 | 574,822 | 123,900 | 190,549 | 68,474 | 4,021 | 961,766 |

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THE RICE INDUSTRY OF BURMA

APPENDIX I.A (*cont'd*)

| Year | Rangoon | Akyab | Bassein | Moulmein | Other Ports | Total |
|-------------|---------|---------|---------|----------|-------------|-----------|
| <i>Tons</i> | | | | | | |
| 1886/7 | 557,991 | 141,988 | 151,177 | 61,795 | 4,508 | 917,379 |
| 1887/8 | 543,757 | 181,312 | 109,749 | 60,827 | 3,365 | 899,010 |
| 1888/9 | 493,613 | 87,728 | 86,102 | 44,485 | 597 | 712,575 |
| 1889/90 | 617,947 | 117,069 | 136,462 | 42,537 | 1,777 | 915,792 |
| 1890/1 | 840,203 | 144,895 | 150,595 | 93,482 | 3,079 | 1,232,254 |
| 1891/2 | 722,171 | 165,020 | 136,394 | 113,417 | 3,780 | 1,140,782 |
| 1892/3 | 667,979 | 94,893 | 83,621 | 77,167 | 3,683 | 927,343 |
| 1893/4 | 581,877 | 72,730 | 88,000 | 46,666 | 1,089 | 790,363 |
| 1894/5 | 765,110 | 118,285 | 150,752 | 108,090 | 2,756 | 1,144,993 |
| 1895/6 | 853,383 | 108,397 | 128,359 | 135,827 | 5,783 | 1,231,749 |
| 1896/7 | 659,055 | 74,223 | 133,536 | 96,954 | 5,162 | 968,930 |
| 1897/8 | 631,464 | 60,034 | 127,762 | 81,455 | 7,811 | 908,526 |
| 1898/9 | 906,082 | 115,171 | 150,720 | 118,901 | 7,571 | 1,28,445 |
| 1899/1900 | 734,251 | 99,823 | 134,573 | 111,050 | 4,418 | 1,084,115 |
| 1900/1 | 710,788 | 80,142 | 154,426 | 123,876 | 2,113 | 1,071,354 |
| 1901/2 | 900,667 | 78,550 | 109,785 | 121,283 | 2,814 | 1,213,099 |

Sources: *Annual Reports on the Administration of Burma and Annual Reports on Trade and Navigation.*

Note: The figures as given in the reports include exports of paddy. Since on the average 67 baskets of rice could be obtained from 100 baskets of paddy, the amount of paddy exported was expressed in terms of rice at the conversion rate of 67 per cent.

APPENDICES

APPENDIX I. B

Exports of Rice from Major Ports of Burma to Europe

| Year | Rangoon | Akyab | Bassein | Moulmein | Total |
|-------------|---------|---------|---------|----------|---------|
| <i>Tons</i> | | | | | |
| 1865 | 46,803 | 69,991 | 32,079 | 580 | 149,453 |
| 1866 | 94,853 | 104,187 | 43,324 | 6,510 | 248,874 |
| 1867 | 123,806 | 96,947 | 35,988 | 938 | 257,679 |
| 1868 | 151,903 | 94,808 | 44,964 | 8,845 | 300,520 |
| 1869 | 168,300 | 66,614 | 47,476 | 4,932 | 287,322 |
| 1870 | 170,306 | 80,295 | 34,206 | 9,866 | 294,673 |
| 1871 | 181,061 | 112,716 | 49,613 | 14,760 | 358,150 |
| 1872 | 287,900 | 140,450 | 68,500 | 18,518 | 515,368 |
| 1873 | 294,000 | 121,250 | 66,350 | 11,518 | 493,557 |
| 1874 | 274,500 | 111,250 | 67,625 | 41,450 | 457,825 |
| 1875 | 334,385 | 118,674 | 100,616 | 41,450 | 595,125 |
| 1876 | 288,830 | 95,366 | 80,059 | 19,796 | 484,051 |
| 1877 | 288,500 | 73,300 | 97,300 | 33,000 | 492,100 |
| 1878 | 324,500 | 69,300 | 131,500 | 32,900 | 558,200 |
| 1879 | 340,000 | 73,700 | 130,600 | 50,200 | 594,500 |
| 1880 | 341,500 | 158,200 | 140,500 | 17,600 | 657,800 |
| 1881 | 412,500 | 118,200 | 162,400 | 45,100 | 738,200 |
| 1882 | 436,000 | 152,800 | 161,800 | 30,400 | 781,000 |
| 1883 | 370,200 | 165,600 | 154,200 | 42,300 | 732,300 |
| 1884 | 363,500 | 87,400 | 117,800 | 37,000 | 605,700 |
| 1885 | 351,380 | 103,490 | 177,890 | 45,060 | 677,820 |
| 1886 | 313,170 | 118,420 | 156,290 | 47,500 | 635,380 |
| 1887 | 346,300 | 164,000 | 118,400 | 48,400 | 677,100 |
| 1888 | 315,740 | 138,570 | 92,220 | 41,810 | 588,340 |
| 1889 | 404,240 | 75,100 | 137,800 | 45,820 | 662,960 |
| 1890 | 429,000 | 130,800 | 141,800 | 21,600 | 723,200 |

Sources: *Annual Reports on the Administration of Burma; Annual Reports on Trade and Customs and Annual Reports on Trade and Navigation.*

Note: The figures as given in the reports include exports of paddy. Since on the average 67 baskets of rice could be obtained from 100 baskets of paddy, the amount of paddy exported was expressed in terms of rice at the conversion rate of 67 per cent.

THE RICE INDUSTRY OF BURMA

APPENDIX I.C

Number and Tonnage of Steam and Sailing Ships Cleared from
Burma for Foreign Ports

| Year | Steam Ships | | Sailing Ships | |
|-----------|-------------|---------|---------------|---------|
| | Number | Tonnage | Number | Tonnage |
| 1876/7 | 240 | 164,618 | 575 | 387,854 |
| 1877/8 | 225 | 139,070 | 482 | 354,889 |
| 1878/9 | 280 | 211,217 | 419 | 314,409 |
| 1879/80 | 392 | 338,169 | 376 | 328,624 |
| 1880/1 | 408 | 367,923 | 403 | 344,199 |
| 1881/2 | 476 | 443,011 | 429 | 333,108 |
| 1882/3 | 389 | 386,485 | 527 | 419,794 |
| 1883/4 | 325 | 335,279 | 353 | 284,836 |
| 1884/5 | 279 | 278,400 | 314 | 274,721 |
| 1885/6 | 343 | 370,138 | 366 | 327,111 |
| 1886/7 | 355 | 358,196 | 316 | 276,413 |
| 1887/8 | 348 | 399,804 | 283 | 271,986 |
| 1888/9 | 329 | 383,970 | 161 | 154,513 |
| 1889/90 | 365 | 442,394 | 218 | 217,648 |
| 1890/1 | 446 | 622,095 | 169 | 149,637 |
| 1891/2 | 419 | 563,249 | 199 | 187,137 |
| 1892/3 | 296 | 427,931 | 232 | 206,906 |
| 1893/4 | 251 | 378,269 | 204 | 215,444 |
| 1894/5 | 332 | 579,030 | 187 | 158,861 |
| 1895/6 | 377 | 652,342 | 174 | 141,626 |
| 1896/7 | 321 | 558,439 | 142 | 112,201 |
| 1897/8 | 329 | 545,198 | 136 | 115,528 |
| 1898/9 | 428 | 734,246 | 136 | 110,645 |
| 1899/1900 | 387 | 666,539 | 101 | 71,985 |
| 1900/1 | 389 | 709,704 | 75 | 25,310 |
| 1901/2 | 400 | 782,169 | 65 | 18,671 |

Sources: *Annual Reports on Trade and Navigation.*

Note: Since Burma was a part of India, Indian ports were not considered to be foreign ports.

APPENDICES

APPENDIX II.A

Paddy Acreage in Lower and Upper Burma, 1830 to 1940

| Year | Lower Burma | Upper Burma | Total |
|------|------------------------------|-------------|-------|
| | <i>In thousands of acres</i> | | |
| 1830 | 66 | — | — |
| 1835 | 235 | — | — |
| 1845 | 354 | — | — |
| 1855 | 993 | — | — |
| 1860 | 1,333 | — | — |
| 1863 | 1,434 | — | — |
| 1864 | 1,470 | — | — |
| 1865 | 1,437 | — | — |
| 1866 | 1,637 | — | — |
| 1867 | 1,682 | — | — |
| 1868 | 1,667 | — | — |
| 1869 | 1,712 | — | — |
| 1870 | 1,734 | — | — |
| 1871 | 1,836 | — | — |
| 1872 | 1,893 | — | — |
| 1873 | 2,062 | — | — |
| 1874 | 2,302 | — | — |
| 1875 | 2,379 | — | — |
| 1876 | 2,455 | — | — |
| 1877 | 2,728 | — | — |
| 1878 | 2,868 | — | — |
| 1879 | 3,089 | — | — |
| 1880 | 3,102 | — | — |
| 1881 | 3,237 | — | — |
| 1882 | 3,281 | — | — |
| 1883 | 3,662 | — | — |
| 1884 | 3,630 | — | — |
| 1885 | 3,700 | — | — |
| 1886 | 3,756 | — | — |
| 1887 | 4,190 | — | — |
| 1888 | 4,069 | — | — |
| 1889 | 4,339 | — | — |
| 1890 | 4,398 | 1,357 | 5,755 |

(continued next page)

THE RICE INDUSTRY OF BURMA

APPENDIX II.A (*cont'd*)

| Year | Lower Burma | Upper Burma | Total |
|------------------------------|-------------|-------------|--------|
| <i>In thousands of acres</i> | | | |
| 1891 | 4,649 | 1,013 | 5,662 |
| 1892 | 5,087 | 1,040 | 6,127 |
| 1893 | 5,183 | 1,216 | 6,399 |
| 1894 | 5,007 | 1,353 | 6,360 |
| 1895 | 5,249 | 1,500 | 6,749 |
| 1896 | 5,451 | 1,143 | 6,594 |
| 1897 | 5,913 | 1,350 | 7,262 |
| 1898 | 6,099 | 1,503 | 7,602 |
| 1899 | 6,112 | 1,819 | 7,931 |
| 1900 | 6,578 | 1,972 | 8,550 |
| 1901 | 6,705 | 1,552 | 8,257 |
| 1902 | 6,713 | 1,582 | 8,295 |
| 1903 | 6,982 | 2,324 | 9,306 |
| 1904 | 7,180 | 2,085 | 9,265 |
| 1905 | 7,222 | 2,057 | 9,281 |
| 1906 | 7,344 | 1,951 | 9,195 |
| 1907 | 7,505 | 1,825 | 9,330 |
| 1908 | 7,751 | 1,941 | 9,722 |
| 1909 | 7,836 | 2,165 | 10,001 |
| 1910 | 7,808 | 2,142 | 9,950 |
| 1911 | 7,838 | 1,986 | 9,824 |
| 1912 | 8,082 | 2,137 | 10,219 |
| 1913 | 8,103 | 2,228 | 10,331 |
| 1914 | 8,291 | 2,232 | 10,523 |
| 1915 | 8,285 | 2,119 | 10,404 |
| 1916 | 8,351 | 2,219 | 10,570 |
| 1917 | 8,464 | 2,223 | 10,707 |
| 1918 | 8,332 | 2,052 | 10,384 |
| 1919 | 8,377 | 2,103 | 10,480 |
| 1920 | 8,588 | 1,751 | 10,309 |
| 1921 | 8,732 | 1,970 | 10,702 |
| 1922 | 8,954 | 2,011 | 10,965 |
| 1923 | 9,046 | 2,193 | 11,239 |
| 1924 | 9,238 | 2,196 | 11,434 |
| 1925 | 9,318 | 2,240 | 11,558 |

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APPENDICES
APPENDIX II. A (*cont'd*)

| Year | Lower Burma | Upper Burma | Total |
|------|------------------------------|-------------|--------|
| | <i>In thousands of acres</i> | | |
| 1926 | 9,553 | 2,244 | 11,797 |
| 1927 | 9,622 | 2,078 | 11,700 |
| 1928 | 9,598 | 2,458 | 12,056 |
| 1929 | 9,280 | 2,389 | 12,209 |
| 1930 | 9,911 | 2,459 | 12,370 |
| 1931 | 9,569 | 2,296 | 11,865 |
| 1932 | 9,711 | 2,239 | 12,050 |
| 1933 | 9,708 | 2,534 | 12,242 |
| 1934 | 9,703 | 2,307 | 12,010 |
| 1935 | 9,696 | 2,178 | 11,874 |
| 1936 | 9,855 | 2,319 | 12,174 |
| 1937 | 9,950 | 2,535 | 12,485 |
| 1938 | 9,934 | 2,447 | 12,381 |
| 1939 | 9,892 | 2,540 | 12,432 |
| 1940 | 9,932 | 2,586 | 12,518 |

Sources: *Annual Reports on the Administration of Burma; Annual Season and Crop Reports* and Grant, op. cit. Appendix I. 40.

Note: — Not recorded.

THE RICE INDUSTRY OF BURMA

APPENDIX II.B

Paddy Acreage in Each Division of Lower Burma, 1867/8 to 1940/1

| Year | Arakan | Pegu | Irrawaddy | Tenasserim | Lower Burma |
|------------------------------|--------|-------|-----------|------------|-------------|
| <i>In thousands of acres</i> | | | | | |
| 1867/8 | 374 | | 872 | 336 | 1,582 |
| 1868/9 | 348 | | 985 | 334 | 1,667 |
| 1869/70 | 356 | | 1,004 | 352 | 1,712 |
| 1870/1 | 357 | | 1,055 | 321 | 1,733 |
| 1871/2 | 371 | | 1,129 | 336 | 1,836 |
| 1872/3 | 377 | | 1,149 | 367 | 1,893 |
| 1873/4 | 370 | | 1,307 | 385 | 2,062 |
| 1874/5 | 382 | | 1,506 | 414 | 2,302 |
| 1875/6 | 386 | | 1,577 | 416 | 2,372 |
| 1876/7 | 402 | | 1,646 | 391 | 2,439 |
| 1877/8 | 416 | | 1,678 | 418 | 2,512 |
| 1878/9 | 427 | | 1,835 | 446 | 2,708 |
| 1879/80 | 458 | | 1,942 | 468 | 2,868 |
| 1880/1 | 480 | | 2,107 | 515 | 3,102 |
| 1881/2 | 441 | 1,250 | 1,002 | 544 | 3,237 |
| 1882/3 | 453 | 1,371 | 994 | 531 | 3,381 |
| 1883/4 | 504 | 1,449 | 1,072 | 493 | 3,519 |
| 1884/5 | 510 | 1,513 | 1,057 | 551 | 3,630 |
| 1885/6 | 527 | 1,530 | 1,083 | 565 | 3,705 |
| 1886/7 | 546 | 1,504 | 1,127 | 579 | 3,756 |
| 1887/8 | 588 | 1,515 | 1,176 | 567 | 3,847 |
| 1888/9 | 607 | 1,624 | 1,252 | 585 | 4,068 |
| 1889/90 | 631 | 1,698 | 1,396 | 673 | 4,398 |
| 1890/1 | 654 | 1,676 | 1,369 | 700 | 4,398 |
| 1891/2 | 658 | 1,787 | 1,458 | 745 | 4,649 |
| 1892/3 | 678 | 1,882 | 1,205 | 823 | 5,087 |
| 1893/4 | 702 | 1,859 | 1,643 | 902 | 5,184 |
| 1894/5 | 706 | 1,742 | 1,588 | 903 | 5,007 |
| 1895/6 | 690 | 1,926 | 1,691 | 898 | 5,249 |
| 1896/7 | 661 | 2,013 | 1,748 | 920 | 5,451 |
| 1897/8 | 704 | 2,158 | 1,936 | 1,044 | 5,913 |
| 1898/9 | 740 | 2,220 | 1,985 | 1,081 | 6,099 |
| 1899/1900 | 752 | 2,289 | 2,033 | 1,128 | 6,278 |
| 1900/1 | 771 | 2,394 | 2,132 | 1,202 | 6,578 |

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APPENDICES
APPENDIX II.B (*cont'd*)

| Year | Arakan | Pegu | Irrawaddy | Tenasserim | Lower Burma |
|---------|------------------------------|-------|-----------|------------|----------------|
| | <i>In thousands of acres</i> | | | | |
| 1901/2 | 759 | 2,454 | 2,233 | 1,238 | 6,684 |
| 1902/3 | 789 | 2,453 | 2,204 | 1,267 | 6,713 |
| 1903/4 | 810 | 2,534 | 2,305 | 1,333 | 6,982 |
| 1904/5 | 829 | 2,615 | 2,370 | 1,366 | 7,180 |
| 1905/6 | 821 | 2,643 | 2,356 | 1,402 | 7,222 |
| 1906/7 | 828 | 2,640 | 2,414 | 1,461 | 7,343 |
| 1907/8 | 865 | 2,658 | 2,465 | 1,516 | 7,504 |
| 1908/9 | 880 | 2,685 | 2,564 | 1,605 | 7,734 |
| 1909/10 | 891 | 2,710 | 2,601 | 1,634 | 7,836 |
| 1910/1 | 889 | 2,708 | 2,592 | 1,618 | 7,807 |
| 1911/2 | 800 | 2,728 | 2,610 | 1,601 | 7,739 |
| 1912/3 | 915 | 2,800 | 2,711 | 1,656 | 8,082 |
| 1913/4 | 940 | 2,835 | 2,776 | 1,652 | 8,203 |
| 1914/5 | 947 | 2,874 | 2,813 | 1,657 | 8,291 |
| 1915/6 | 924 | 2,875 | 2,811 | 1,674 | 8,284 |
| 1916/7 | 915 | 2,904 | 2,846 | 1,685 | 8,350 |
| 1917/8 | 932 | 8,958 | 2,919 | 1,675 | 8,484 |
| 1918/9 | 903 | 2,983 | 2,865 | 1,582 | 8,333 |
| 1919/20 | 905 | 2,998 | 2,880 | 1,594 | 8,377 |
| 1920/1 | 908 | 3,046 | 2,980 | 1,654 | 8,588 |
| 1921/2 | 919 | 3,115 | 3,030 | 1,669 | 8,733 |
| 1922/3 | 922 | 3,175 | 3,007 | 1,696 | 8,800 |
| 1923/4 | 916 | 3,197 | 3,129 | 1,700 | 8,942 |
| 1924/5 | 929 | 3,232 | 3,253 | 1,705 | 9,119 |
| 1925/6 | 949 | 3,281 | 3,380 | 1,758 | 9,368 |
| 1926/7 | 950 | 3,336 | 3,440 | 1,827 | 9,553 |
| 1927/8 | 931 | 3,370 | 3,476 | 1,846 | 9,623 |
| 1928/9 | 919 | 3,365 | 3,473 | 1,840 | 9,597 |
| 1929/30 | 981 | 3,409 | 3,533 | 1,897 | 9,820 |
| 1930/1 | 985 | 3,426 | 3,556 | 1,944 | 9,911 |
| 1931/2 | 976 | 3,700 | 3,460 | 1,933 | 9,569 |
| 1932/3 | 991 | 3,285 | 3,493 | 1,942 | 9,711 |
| 1933/4 | 977 | 3,315 | 3,503 | 1,913 | 9,708 |
| 1934/5 | 968 | 3,316 | 3,524 | 1,895 | 9,703 |
| 1935/6 | 980 | 3,305 | 3,557 | 1,854 | 9,696 |

(continued next page)

THE RICE INDUSTRY OF BURMA

APPENDIX II.B (*cont'd*)

| Year | Arakan | Pegu | Irrawaddy | Tenasserim | Lower Burma |
|------------------------------|--------|-------|-----------|------------|----------------|
| <i>In thousands of acres</i> | | | | | |
| 1936/7 | 988 | 3,378 | 3,603 | 1,886 | 9,855 |
| 1937/8 | 989 | 3,400 | 3,665 | 1,896 | 9,950 |
| 1938/9 | 994 | 3,398 | 3,650 | 1,892 | 9,934 |
| 1939/40 | 1,000 | 3,385 | 3,626 | 1,881 | 9,892 |
| 1940/1 | 1,009 | 3,390 | 3,626 | 1,907 | 9,932 |

Sources: *Annual Reports on the Administration of Burma* for the earlier years and *Annual Season and Crop Reports* for 1901/2 onwards.

APPENDICES

APPENDIX II.C

Average Yield of Paddy Per Acre in Each District

| District | Lbs. | District | Lbs. |
|---------------------|-------|-------------------|-------|
| ARAKAN DIVISION | | MACWE DIVISION | |
| Akyab | 1,550 | Thayetmyo | 1,150 |
| Arakan Hill Tracts | 1,300 | Minbu | 1,600 |
| Kyaukpyu | 1,350 | Magwe | 1,000 |
| Sandoway | 1,350 | Pakokku | 1,000 |
| PEGU DIVISION | | MANDALAY DIVISION | |
| Rangoon | 1,500 | Mandalay | 1,500 |
| Pegu | 1,650 | Kyaukse | 1,450 |
| Tharrawaddy | 1,700 | Meiktila | 1,450 |
| Hanthawaddy | 1,650 | Myingyan | 1,000 |
| Insein | 1,500 | Yamethin | 1,250 |
| Prome | 1,250 | SAGAING DIVISION | |
| IRRAWADDY DIVISION | | Bhamo | 1,300 |
| Bassein | 1,550 | Myitkyina | 1,450 |
| Henzada | 1,650 | Shwebo | 1,250 |
| Myaungmya | 1,700 | Sagaing | 1,000 |
| Maubin | 1,600 | Katha | 1,400 |
| Pyapon | 1,700 | Lower Chindwin | 1,300 |
| TENASSERIM DIVISION | | Upper Chindwin | 1,000 |
| Salween | 1,300 | | |
| Thaton | 1,300 | | |
| Amherst | 1,300 | | |
| Tavoy | 1,300 | | |
| Mergui | 1,250 | | |
| Toungoo | 1,400 | | |

Sources: *Season and Crop Reports*. From 1922/3 to 1940/1 the average yield for each district remained the same in the *Season and Crop Reports*. This is evidently due to official inertia with regard to sampling work to determine the average yields rather than that the yields themselves remained unchanged.

THE RICE INDUSTRY OF BURMA

APPENDIX III.A

Monthly Prices for Ngasein Paddy in Rangoon from 1934 to 1939
(Per standard maund of 82 2/7 lbs.)

| Month | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|
| | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> |
| January | 1 0 0 | 1 5 0 | 1 7 0 | 1 11 0 | 1 8 0 | 1 7 0 |
| February | 15 0 | 1 8 0 | 1 8 0 | 1 10 0 | 1 7 0 | 1 8 0 |
| March | 15 0 | 1 9 0 | 1 10 0 | 1 10 0 | 1 7 0 | 1 10 0 |
| April | 15 0 | 1 11 0 | 1 10 0 | 1 11 0 | 1 8 0 | 1 11 0 |
| May | 1 1 0 | 1 13 0 | 1 10 0 | 1 11 0 | 1 13 0 | 1 13 6 |
| June | 1 3 0 | 1 13 0 | 1 10 0 | 1 11 0 | 1 11 0 | 1 12 0 |
| July | 1 7 0 | 1 13 0 | 1 10 0 | 1 11 0 | 1 12 0 | 1 12 0 |
| August | 1 11 0 | 1 10 0 | 1 12 0 | 1 13 0 | 1 13 0 | 1 11 0 |
| September | 1 11 0 | 1 11 0 | 1 12 0 | 1 14 0 | 1 14 0 | 1 15 0 |
| October | 1 9 0 | 1 14 0 | 1 10 0 | 2 0 0 | 1 15 0 | 2 1 0 |
| November | 1 6 0 | 1 13 0 | 1 10 0 | 1 12 0 | 1 10 0 | 1 12 0 |
| December | 1 4 0 | 1 11 0 | 1 10 0 | 1 12 0 | 1 11 0 | 1 12 0 |

Source: *Report on the Marketing of Rice in India and Burma, 1941*, 566-7.

APPENDICES

APPENDIX III.B

Monthly Spot and One Month, Two Months and Three Months Delivery Prices for *Small Mills Specials* in Rangoon, 1934 to 1938

| Month | 1934 | 1935 | 1936 | 1937 | 1938 |
|------------------|----------------|----------------|----------------|----------------|----------------|
| | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> |
| <i>Spot</i> | | | | | |
| January | 1 10 3 | 2 2 0 | 2 2 3 | 2 10 6 | 2 4 0 |
| February | 1 10 3 | 2 4 3 | 2 3 9 | 2 8 9 | 2 4 0 |
| March | 1 8 6 | 2 5 3 | 2 6 9 | 2 8 6 | 2 4 9 |
| April | 1 8 6 | 2 9 0 | 2 7 6 | 2 8 9 | 2 6 3 |
| May | 1 10 3 | 2 10 9 | 2 7 9 | 2 8 0 | 2 8 6 |
| June | 1 13 0 | 2 10 9 | 2 7 6 | 2 7 6 | 2 8 9 |
| July | 2 1 6 | 2 10 9 | 2 6 9 | 2 7 9 | 2 9 0 |
| August | 2 7 6 | 2 7 9 | 2 8 6 | 2 10 0 | 2 9 6 |
| September | 2 5 9 | 2 9 0 | 2 8 0 | 2 11 3 | 2 8 3 |
| October | 2 6 0 | 2 11 9 | 2 6 0 | 2 13 3 | 2 8 6 |
| November | 2 1 6 | 2 10 9 | 2 8 3 | 2 10 6 | 2 5 9 |
| December | 1 15 0 | 2 12 0 | 2 11 3 | 2 7 9 | 2 3 0 |
| <i>One Month</i> | | | | | |
| January | 1 10 3 | 2 12 6 | 2 2 3 | 2 11 0 | 2 4 3 |
| February | 1 10 9 | 2 4 9 | 2 3 9 | 2 9 6 | 2 4 6 |
| March | 1 9 3 | 2 5 6 | 2 6 9 | 2 9 0 | 2 5 0 |
| April | 1 9 0 | 2 9 3 | 2 7 9 | 2 9 9 | 2 6 6 |
| May | 1 10 9 | 2 10 9 | 2 8 0 | 2 8 9 | 2 0 9 |
| June | 1 13 3 | 2 10 9 | 2 7 9 | 2 8 0 | 2 9 3 |
| July | 2 1 9 | 2 10 9 | 2 7 3 | 2 8 3 | 2 9 3 |
| August | 2 8 0 | 2 7 3 | 2 9 0 | 2 10 6 | 2 10 3 |
| September | 2 6 6 | 2 8 3 | 2 8 3 | 2 12 3 | 2 8 6 |
| October | 2 6 0 | 2 10 9 | 2 5 9 | 2 4 3 | 2 8 3 |
| November | 2 2 3 | 2 9 9 | 2 7 3 | — | — |
| December | 1 13 9 | 2 4 0 | 2 10 9 | 2 6 0 | 2 2 0 |

(continued next page)

THE RICE INDUSTRY OF BURMA

APPENDIX III.B (*cont'd*)

| Month | 1934 | 1935 | 1936 | 1937 | 1938 |
|---------------------|----------------|----------------|----------------|----------------|----------------|
| | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> | <i>Rs.A.P.</i> |
| <i>Two Months</i> | | | | | |
| January | 1 10 9 | 2 3 3 | 2 2 6 | 2 12 0 | 1 5 0 |
| February | 1 11 3 | 2 5 6 | 2 4 3 | 2 10 6 | 2 5 6 |
| March | 1 10 0 | 2 6 6 | 2 6 9 | 2 10 6 | 2 6 0 |
| April | 1 9 9 | 2 10 0 | 2 8 0 | 2 10 9 | 2 7 0 |
| May | 1 11 3 | 2 11 3 | 2 8 3 | 2 10 3 | 2 10 0 |
| June | 1 13 3 | 2 11 0 | 2 8 0 | 2 9 0 | 2 10 6 |
| July | 2 2 9 | 2 10 9 | 2 7 6 | 2 9 0 | 2 10 9 |
| August | 2 9 0 | 2 7 0 | 2 9 6 | 2 13 3 | 2 11 3 |
| September | 2 6 9 | 2 7 9 | 2 8 9 | 2 13 3 | 2 9 0 |
| October | 2 6 3 | 2 10 0 | 2 5 9 | — | — |
| November | 1 14 9 | 2 4 0 | 2 5 3 | — | — |
| December | 1 15 6 | 2 4 0 | 2 11 0 | 2 6 3 | — |
| <i>Three Months</i> | | | | | |
| January | 1 10 9 | 2 4 0 | 2 3 0 | 2 13 0 | 2 5 6 |
| February | 1 11 9 | — | 2 5 6 | 2 11 6 | 2 7 0 |
| March | 1 10 6 | 2 7 6 | 2 7 0 | 2 11 0 | 2 6 3 |
| April | 1 10 3 | 2 10 6 | 2 0 3 | 2 11 3 | 2 7 3 |
| May | 1 12 0 | 2 13 0 | 2 8 6 | 2 10 6 | 2 10 6 |
| June | — | 2 11 3 | 2 8 0 | 2 9 9 | 2 11 0 |
| July | 2 3 3 | 2 10 9 | 2 7 9 | 2 10 0 | 2 12 0 |
| August | 2 9 9 | 2 7 0 | 2 9 9 | 2 12 0 | 2 12 0 |
| September | 2 7 6 | — | — | — | — |
| October | — | 2 5 0 | 2 4 9 | — | — |
| November | 1 15 9 | — | 2 6 0 | 2 6 0 | — |
| December | 1 15 9 | 2 3 0 | 2 11 3 | 2 3 0 | 2 1 9 |

Source: *Report on the Marketing of Rice in India and Burma, 1941*, 562-3.

APPENDICES

APPENDIX IV.A

Number of Rice Mills in Burma, 1861 to 1940

| Year | Lower Burma | Upper Burma | Total |
|------|-------------|-------------|-------|
| 1861 | 1 | — | 1 |
| 1867 | 3 | — | 3 |
| 1868 | 8 | — | 8 |
| 1869 | 13 | — | 13 |
| 1870 | 20 | — | 20 |
| 1871 | 21 | — | 21 |
| 1872 | 26 | — | 26 |
| 1873 | 38 | — | 38 |
| 1874 | 42 | — | 42 |
| 1875 | 43 | — | 43 |
| 1876 | 45 | — | 45 |
| 1877 | 47 | — | 47 |
| 1880 | 46 | — | 46 |
| 1881 | 49 | — | 49 |
| 1892 | 52 | — | 52 |
| 1893 | 53 | — | 53 |
| 1894 | 54 | — | 54 |
| 1896 | 67 | — | 67 |
| 1897 | 70 | — | 70 |
| 1898 | 74 | — | 74 |
| 1899 | 81 | — | 81 |
| 1900 | 83 | — | 83 |
| 1901 | 97 | — | 97 |
| 1902 | 96 | — | 96 |
| 1903 | 108 | — | 108 |
| 1904 | 117 | — | 117 |
| 1905 | 128 | — | 128 |
| 1906 | 137 | — | 137 |
| 1907 | 153 | — | 153 |
| 1908 | 161 | — | 161 |
| 1909 | 164 | — | 164 |
| 1910 | 164 | — | 164 |
| 1911 | 165 | — | 165 |
| 1912 | 228 | 17 | 245 |
| 1913 | 224 | 16 | 240 |
| 1914 | 246 | 17 | 263 |
| 1915 | 262 | 19 | 281 |

(continued next page)

THE RICE INDUSTRY OF BURMA

APPENDIX IV.A (*cont'd*)

| Year | Lower Burma | Upper Burma | Total |
|------|-------------|-------------|-------|
| 1916 | 288 | 23 | 311 |
| 1917 | 302 | 27 | 329 |
| 1918 | 304 | 28 | 332 |
| 1919 | 302 | 34 | 336 |
| 1920 | 317 | 36 | 353 |
| 1921 | 363 | 66 | 429 |
| 1922 | 398 | 71 | 469 |
| 1923 | 464 | 65 | 529 |
| 1924 | 453 | 68 | 521 |
| 1925 | 474 | 69 | 543 |
| 1926 | 494 | 73 | 567 |
| 1927 | 504 | 68 | 572 |
| 1928 | 532 | 70 | 602 |
| 1929 | 531 | 77 | 608 |
| 1930 | 538 | 75 | 613 |
| 1931 | 518 | 71 | 589 |
| 1932 | 523 | 76 | 599 |
| 1933 | 542 | 76 | 618 |
| 1934 | 565 | 73 | 638 |
| 1935 | 575 | 72 | 647 |
| 1936 | 582 | 75 | 657 |
| 1937 | 572 | 78 | 650 |
| 1938 | 603 | 80 | 683 |
| 1939 | 608 | 84 | 692 |
| 1940 | 599 | 84 | 683 |

Sources: *Annual Reports on the Administration of Burma; Annual Reports on Trade and Navigation and Annual Reports on the Working of the Indian Factories Act.*

Note: -- Not recorded.

APPENDICES

APPENDIX IV.B

Distribution of Rice Mills in Burma by District and Division,
1892 to 1940

| District | 1892 | 1893 | 1894 | 1897 | 1898 | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1908 |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|
| Akyab | 9 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 |
| ARAKAN DIV. | 9 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 |
| Rangoon Town | 21 | 22 | 21 | 20 | 21 | 22 | 29 | 28 | 62 | 66 | 65 | 68 | 69 |
| Hanthawaddy | 4 | 4 | 4 | 18 | 19 | 26 | 31 | 32 | 6 | 7 | 10 | 11 | 17 |
| Tharrawaddy | — | — | — | — | — | — | — | — | — | 2 | 2 | 1 | 1 |
| Toungoo | — | — | — | — | 2 | 1 | 1 | 1 | 2 | 4 | 3 | 1 | 3 |
| Prome | — | — | — | — | — | — | — | — | 2 | — | 5 | 8 | 10 |
| Pegu | — | — | — | — | — | — | — | — | — | — | 3 | 6 | 8 |
| Insein | — | — | — | — | — | — | — | — | — | — | — | — | — |
| PEGU DIV. | 25 | 26 | 25 | 38 | 42 | 49 | 62 | 61 | 72 | 80 | 88 | 95 | 108 |
| Bassein | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 11 |
| Henzada | — | — | — | — | 1 | — | — | — | — | 1 | 1 | — | — |
| Maubin | — | — | — | — | — | — | — | — | — | 1 | — | 1 | 4 |
| Myaungmya | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pyapon | — | — | — | — | — | — | — | — | — | — | — | — | — |
| IRRAWADDY DIV. | 8 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 8 | 11 | 10 | 10 | 15 |
| Amherst | 8 | 9 | 10 | 11 | 10 | 13 | 13 | 13 | 13 | 13 | 14 | 13 | 15 |
| Tavoy | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 5 | 6 | 7 |
| Mergui | — | — | 1 | — | — | — | — | — | — | — | — | 2 | 3 |
| Thaton | — | — | — | — | — | — | — | — | — | — | — | — | 1 |
| TENASSERIM DIV. DIV. | 10 | 11 | 13 | 14 | 13 | 16 | 17 | 17 | 17 | 16 | 19 | 21 | 26 |
| TOTAL | 52 | 53 | 54 | 70 | 74 | 83 | 97 | 96 | 108 | 117 | 128 | 137 | 161 |

(continued next page)

THE RICE INDUSTRY OF BURMA

APPENDIX IV.B (cont'd)

| District | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 |
|-----------------|--------------|------|------|------|------|------|------|------|------|------|------|------|
| Akyab | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 |
| ARAKAN DIV. | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 |
| Rangoon Town | 69 | 68 | 65 | 67 | 56 | 56 | 62 | 63 | 62 | 60 | 58 | 55 |
| Hanthawaddy | 18 | 18 | 16 | 17 | 16 | 22 | 26 | 25 | 27 | 28 | 30 | 32 |
| Tharrawaddy | 2 | 5 | 7 | 8 | 11 | 13 | 14 | 18 | 20 | 20 | 20 | 32 |
| Toungoo | 4 | 4 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| Prome | 11 | 12 | 12 | 12 | 13 | 14 | 15 | 15 | 17 | 16 | 16 | 16 |
| Pegu | 7 | 8 | 8 | 8 | 10 | 11 | 13 | 15 | 19 | 16 | 21 | 21 |
| Insein | — | — | — | 3 | 4 | 8 | 6 | 8 | 8 | 7 | 8 | 8 |
| PEGU DIV. | 111 | 116 | 111 | 120 | 114 | 127 | 140 | 148 | 157 | 151 | 157 | 169 |
| Bassein | 12 | 12 | 14 | 14 | 15 | 15 | 14 | 17 | 18 | 18 | 16 | 17 |
| Henzada | 1 | 1 | 2 | 4 | 4 | 5 | 5 | 5 | 7 | 7 | 9 | 11 |
| Maubin | 4 | — | — | — | — | — | 2 | 14 | 15 | 16 | 13 | 13 |
| Myaungmya | — | — | — | 21 | 23 | 25 | 26 | 26 | 29 | 29 | 25 | 24 |
| Pyapon | — | — | — | 18 | 22 | 23 | 25 | 25 | 25 | 25 | 21 | 21 |
| IRRAWADDY DIV. | 17 | 13 | 16 | 57 | 64 | 68 | 72 | 87 | 91 | 95 | 84 | 86 |
| Amherst | 14 | 15 | 19 | 30 | 24 | 29 | 25 | 25 | 25 | 24 | 27 | 27 |
| Tavoy | 7 | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Mergui | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| Thaton | — | — | — | 1 | 1 | 1 | 4 | 7 | 9 | 13 | 13 | 13 |
| TENASSERIM DIV. | 24 | 25 | 28 | 41 | 36 | 41 | 40 | 43 | 45 | 48 | 51 | 52 |
| Mandalay | Not Recorded | | | 12 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 11 |
| Yamethin | | | | 3 | 3 | 4 | 6 | 5 | 5 | 4 | 5 | 5 |
| Kyaukse | | | | — | — | — | — | — | — | — | — | — |
| Myitkyina | | | | — | — | — | — | — | — | — | — | — |
| Katha | | | | — | — | — | — | 2 | 2 | 2 | 2 | 1 |
| MANDALAY DIV. | | | | 15 | 13 | 14 | 15 | 17 | 17 | 16 | 17 | 17 |
| Sagaing | | | | 1 | 2 | 2 | 1 | — | 1 | 1 | 1 | 1 |
| Shwebo | | | | — | — | — | 1 | 4 | 7 | 9 | 10 | 12 |
| Lower Chindwin | | | | — | — | — | — | — | — | — | — | — |
| SAGAING DIV. | | | | 1 | 2 | 2 | 2 | 4 | 8 | 10 | 11 | 13 |
| Minbu | | | | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 6 | 6 |
| Magwe | | | | — | — | — | — | — | — | — | — | — |
| MAGWE DIV. | | | | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 6 | 6 |
| TOTAL | 164 | 165 | 165 | 245 | 240 | 263 | 281 | 311 | 329 | 332 | 336 | 353 |

(continued next page)

APPENDICES

APPENDIX IV.B (*cont'd*)

| District | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Akyab | 10 | 11 | 11 | 11 | 13 | 11 | 10 | 11 | 10 | 9 | 9 | 9 |
| ARAKAN DIV. | 10 | 11 | 11 | 11 | 13 | 11 | 10 | 11 | 10 | 9 | 9 | 9 |
| Rangoon Town | 56 | 57 | 54 | 48 | 51 | 51 | 48 | 46 | 40 | 44 | 41 | 45 |
| Hanthawaddy | 31 | 34 | 40 | 39 | 41 | 40 | 41 | 40 | 42 | 42 | 40 | 40 |
| Tharrawaddy | 41 | 45 | 57 | 48 | 56 | 57 | 56 | 56 | 52 | 52 | 51 | 46 |
| Toungoo | 8 | 10 | 15 | 13 | 13 | 17 | 18 | 16 | 16 | 19 | 19 | 17 |
| Prome | 19 | 23 | 29 | 30 | 27 | 28 | 29 | 30 | 31 | 28 | 27 | 30 |
| Pegu | 34 | 40 | 47 | 49 | 51 | 54 | 59 | 62 | 64 | 62 | 63 | 62 |
| Insein | 10 | 18 | 19 | 21 | 19 | 21 | 21 | 21 | 24 | 24 | 23 | 25 |
| PEGU DIV. | 199 | 227 | 261 | 248 | 258 | 268 | 272 | 271 | 269 | 271 | 264 | 265 |
| Bassein | 24 | 26 | 32 | 31 | 35 | 36 | 35 | 39 | 39 | 40 | 36 | 29 |
| Henzada | 12 | 15 | 19 | 17 | 19 | 22 | 29 | 30 | 33 | 33 | 29 | 35 |
| Maubin | 10 | 11 | 11 | 11 | 11 | 11 | 10 | 9 | 9 | 10 | 10 | 11 |
| Myaungmya | 26 | 23 | 26 | 26 | 37 | 41 | 42 | 50 | 51 | 51 | 50 | 54 |
| Pyapon | 22 | 24 | 26 | 30 | 35 | 39 | 38 | 49 | 50 | 49 | 48 | 48 |
| IRRAWADDY DIV. | 94 | 109 | 124 | 125 | 137 | 149 | 154 | 177 | 182 | 183 | 173 | 177 |
| Amherst | 29 | 30 | 28 | 28 | 25 | 24 | 26 | 29 | 28 | 32 | 30 | 33 |
| Tavoy | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 7 |
| Mergui | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| Thaton | 19 | 19 | 28 | 30 | 29 | 30 | 30 | 32 | 30 | 32 | 30 | 29 |
| FENASSERIM DIV. | 60 | 61 | 68 | 69 | 66 | 66 | 68 | 73 | 70 | 75 | 72 | 72 |
| Mandalay | 20 | 19 | 19 | 18 | 19 | 18 | 19 | 21 | 20 | 18 | 16 | 16 |
| Yamethin | 5 | 8 | 7 | 8 | 7 | 10 | 9 | 11 | 13 | 12 | 12 | 13 |
| Kyaukse | 3 | 3 | 3 | 6 | 5 | 6 | 6 | 6 | 7 | 8 | 8 | 8 |
| Myitkyina | — | — | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Katha | 2 | 5 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 |
| MANDALAY DIV. | 30 | 35 | 34 | 36 | 35 | 38 | 38 | 42 | 43 | 42 | 40 | 42 |
| Sagaing | 1 | 1 | 1 | 2 | 1 | 1 | — | — | — | — | 1 | — |
| Shwebo | 23 | 23 | 21 | 21 | 19 | 20 | 17 | 15 | 20 | 18 | 15 | 15 |
| Lower Chindwin | 2 | 2 | 2 | — | 3 | 4 | 3 | 4 | 4 | 5 | 4 | 4 |
| SAGAING DIV. | 26 | 26 | 24 | 23 | 23 | 25 | 20 | 19 | 24 | 23 | 20 | 19 |
| Minbu | 9 | 9 | 7 | 8 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 14 |
| Magwe | 1 | 1 | — | 1 | 1 | — | — | — | — | — | — | — |
| MAGWE DIV. | 10 | 10 | 7 | 9 | 11 | 10 | 10 | 9 | 10 | 10 | 10 | 14 |
| TOTAL | 429 | 469 | 529 | 521 | 543 | 567 | 572 | 602 | 608 | 613 | 589 | 599 |

(continued next page)

THE RICE INDUSTRY OF BURMA

APPENDIX IV.B (cont'd)

| District | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 |
|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Akyab | 11 | 15 | 15 | 15 | 17 | 19 | 19 | 22 |
| Kyaukpyu | — | — | 1 | 1 | 1 | 2 | 2 | 2 |
| Sandoway | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ARAKAN DIV. | 12 | 16 | 17 | 17 | 19 | 22 | 22 | 25 |
| Rangoon Town | 41 | 39 | 38 | 39 | 37 | 38 | 38 | 36 |
| Hanthawaddy | 40 | 37 | 40 | 43 | 41 | 41 | 41 | 40 |
| Tharrawaddy | 50 | 50 | 50 | 52 | 48 | 47 | 47 | 43 |
| Toungoo | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 22 |
| Prome | 29 | 28 | 29 | 28 | 28 | 30 | 29 | 29 |
| Pegu | 62 | 66 | 69 | 69 | 66 | 69 | 73 | 67 |
| Insein | 28 | 29 | 28 | 30 | 26 | 31 | 32 | 29 |
| PEGU DIV. | 272 | 271 | 274 | 283 | 267 | 277 | 281 | 266 |
| Bassein | 38 | 45 | 49 | 48 | 51 | 59 | 58 | 56 |
| Henzada | 34 | 35 | 34 | 35 | 35 | 37 | 37 | 36 |
| Maubin | 12 | 12 | 13 | 13 | 13 | 15 | 15 | 14 |
| Myaungmya | 54 | 60 | 63 | 63 | 65 | 65 | 66 | 68 |
| Pyapon | 48 | 50 | 50 | 51 | 50 | 56 | 55 | 52 |
| IRRAWADDY DIV. | 186 | 202 | 209 | 210 | 214 | 232 | 231 | 236 |
| Amherst | 34 | 37 | 36 | 35 | 36 | 37 | 37 | 34 |
| Tavoy | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 |
| Mergui | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| Thaton | 20 | 29 | 29 | 27 | 27 | 26 | 27 | 28 |
| TENASSERIM DIV. | 72 | 76 | 75 | 72 | 72 | 72 | 74 | 72 |
| Mandalay | 15 | 14 | 14 | 15 | 14 | 14 | 13 | 13 |
| Yamethin | 12 | 11 | 12 | 11 | 10 | 9 | 10 | 9 |
| Kyaukse | 8 | 8 | 6 | 7 | 7 | 8 | 8 | 7 |
| Myitkyina | 3 | 3 | 2 | 4 | 5 | 5 | 6 | 7 |
| Katha | 2 | 2 | 4 | 4 | 5 | 7 | 7 | 7 |
| MANDALAY DIV. | 40 | 38 | 38 | 41 | 41 | 43 | 44 | 43 |
| Sagaing | — | — | — | — | — | — | — | — |
| Shwebo | 15 | 15 | 14 | 14 | 15 | 16 | 16 | 17 |
| Lower Chindwin | 5 | 5 | 5 | 5 | 6 | 5 | 5 | 5 |
| SAGAING DIV. | 20 | 20 | 19 | 19 | 21 | 21 | 21 | 22 |
| Minbu | 15 | 14 | 14 | 14 | 15 | 15 | 18 | 18 |
| Thayetmyo | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| MAGWE DIV. | 16 | 15 | 15 | 15 | 16 | 16 | 19 | 19 |
| TOTAL | 618 | 638 | 647 | 657 | 650 | 683 | 692 | 683 |

Sources: *Annual Reports on the Working of the Factories Act in Burma*

APPENDICES

APPENDIX IV.C

Exports of Cargo Rice and White Rice from Burma, 1881/2 to 1901/2

| Year | Cargo Rice | White Rice | Other Sorts | Total |
|-----------|------------|-------------|-------------|-----------|
| | | <i>Tons</i> | | |
| 1881/2 | 749,737 | 183,947 | 821 | 934,505 |
| 1882/3 | 824,502 | 237,296 | 649 | 1,062,447 |
| 1883/4 | 670,709 | 177,306 | 1,687 | 849,702 |
| 1884/5 | 544,708 | 129,497 | 1,141 | 675,346 |
| 1885/6 | 727,488 | 224,702 | 2,021 | 954,211 |
| 1886/7 | 606,715 | 301,117 | 2,962 | 910,794 |
| 1887/8 | 600,980 | 290,622 | 2,337 | 893,939 |
| 1888/9 | 416,610 | 291,615 | 2,013 | 710,238 |
| 1889/90 | 479,305 | 429,516 | 4,105 | 912,926 |
| 1890/1 | 580,623 | 643,222 | 5,210 | 1,229,055 |
| 1891/2 | 651,209 | 479,982 | 2,597 | 1,133,788 |
| 1892/3 | 466,891 | 446,669 | 3,416 | 916,976 |
| 1893/4 | 408,657 | 366,486 | 4,916 | 780,060 |
| 1894/5 | 547,101 | 535,683 | 6,244 | 1,139,028 |
| 1895/6 | 608,898 | 611,454 | 10,257 | 1,230,609 |
| 1896/7 | 501,661 | 448,578 | 17,676 | 968,513 |
| 1897/8 | 386,592 | 503,324 | 10,155 | 900,071 |
| 1898/9 | 638,523 | 650,195 | 6,507 | 1,295,525 |
| 1899/1900 | 593,747 | 481,237 | 8,561 | 1,083,545 |
| 1900/1 | 479,042 | 574,986 | 15,654 | 1,069,682 |
| 1901/2 | 451,986 | 741,789 | 15,711 | 1,209,486 |

Sources: *Annual Administration Reports* and *Annual Reports on Trade and Navigation*.

THE RICE INDUSTRY OF BURMA

APPENDIX IV.D

Exports of Rice Bran to the United Kingdom, Malaya and Other Countries, 1882/3 to 1939/40

| Year | United Kingdom | Malaya | Other Countries | Total |
|-----------|----------------|-------------|-----------------|---------|
| | | <i>Tons</i> | | |
| 1882/3 | 700 | 40,500 | 2,300 | 43,500 |
| 1883/4 | 11,600 | 10,500 | 300 | 22,400 |
| 1884/5 | 7,300 | 16,700 | 1,700 | 25,700 |
| 1891/2 | 27,600 | 24,800 | 25,800 | 78,200 |
| 1892/3 | 25,500 | 21,100 | 18,200 | 64,800 |
| 1893/4 | 26,800 | 13,800 | 19,500 | 60,100 |
| 1894/5 | 33,400 | 44,500 | 17,200 | 95,100 |
| 1895/6 | 33,600 | 50,400 | 8,000 | 92,000 |
| 1896/7 | 44,100 | 43,200 | 15,100 | 102,400 |
| 1897/8 | 50,900 | 43,500 | 24,100 | 118,500 |
| 1898/9 | 60,200 | 41,800 | 9,500 | 111,500 |
| 1899/1900 | 78,600 | 45,800 | 11,200 | 135,600 |
| 1900/1 | 69,900 | 50,500 | 6,900 | 127,300 |
| 1901/2 | 80,200 | 50,900 | 10,700 | 141,800 |
| 1902/3 | 95,300 | 40,800 | 23,900 | 160,000 |
| 1903/4 | 94,700 | 52,800 | 9,600 | 157,100 |
| 1904/5 | 99,600 | 36,500 | 24,300 | 160,400 |
| 1905/6 | 124,200 | 32,600 | 27,200 | 184,000 |
| 1906/7 | 83,300 | 34,400 | 19,900 | 137,600 |
| 1907/8 | 75,500 | 33,000 | 108,800 | 217,300 |
| 1908/9 | 77,600 | 25,300 | 46,900 | 149,800 |
| 1909/10 | 100,400 | 26,200 | 49,200 | 175,800 |
| 1910/1 | 116,800 | 33,000 | 35,500 | 185,300 |
| 1911/2 | 118,600 | 34,000 | 71,100 | 223,700 |
| 1912/3 | 120,400 | 26,600 | 63,300 | 210,300 |
| 1913/4 | 120,700 | 43,700 | 44,500 | 208,900 |
| 1914/5 | 116,800 | 35,400 | 31,400 | 183,600 |
| 1915/6 | 168,000 | 33,000 | 1,500 | 202,500 |
| 1916/7 | 112,300 | 30,800 | 800 | 143,900 |
| 1917/8 | 3,400 | 18,100 | 600 | 22,100 |
| 1918/9 | 9,200 | 28,200 | 400 | 37,800 |
| 1919/20 | 160,000 | 60,000 | 6,300 | 226,300 |

(continued next page)

APPENDICES

APPENDIX IV.D (*cont'd*)

| Year | United Kingdom | Malaya | Other Countries | Total |
|---------|----------------|---------|-----------------|---------|
| 1920/1 | 65,000 | 102,000 | 14,800 | 181,800 |
| 1921/2 | 95,000 | 45,000 | 92,800 | 232,800 |
| 1922/3 | 103,000 | 43,000 | 60,000 | 206,000 |
| 1923/4 | 12,000 | 52,000 | 158,500 | 222,500 |
| 1924/5 | 199,000 | 31,000 | 23,400 | 253,400 |
| 1925/6 | 176,000 | 26,000 | 24,500 | 226,500 |
| 1926/7 | 160,000 | 38,000 | 29,000 | 227,000 |
| 1927/8 | 175,000 | 24,000 | 59,000 | 258,000 |
| 1928/9 | 183,000 | 17,000 | 38,000 | 238,000 |
| 1929/30 | 188,000 | 29,000 | 23,000 | 236,000 |
| 1930/1 | 166,000 | 36,000 | 50,000 | 252,000 |
| 1931/2 | 182,000 | 17,000 | 73,000 | 272,000 |
| 1932/3 | 177,000 | 7,000 | 30,000 | 214,000 |
| 1933/4 | 218,000 | 15,000 | 12,000 | 245,000 |
| 1934/5 | 246,000 | 12,000 | 9,000 | 267,000 |
| 1935/6 | 216,000 | 28,000 | 5,000 | 249,000 |
| 1936/7 | 246,000 | 17,000 | 5,000 | 268,000 |
| 1937/8 | 269,000 | 28,000 | 22,000 | 319,000 |
| 1938/9 | 291,000 | 8,000 | 3,000 | 302,000 |
| 1939/40 | 224,000 | 16,000 | 12,000 | 252,000 |

Sources: *Annual Reports on Trade and Navigation*, *Annual Statements on Trade and Navigation*, and *Annual Reports on the Maritime Trade of Burma*.

THE RICE INDUSTRY OF BURMA

APPENDIX V.A.

Distribution of Immigrants and Emigrants by Month

Immigrants

| Month | 1881 † | 1882 † | Total * 1887-91 | 1921 ‡ | 1922 ‡ |
|-----------|--------|--------|--------------------|--------|--------|
| January | 3,539 | 3,670 | 38,071 | 23,909 | 21,966 |
| February | 1,400 | 3,147 | 30,945 | 23,196 | 21,777 |
| March | 2,044 | 2,051 | 24,935 | 16,957 | 14,930 |
| April | 2,335 | 1,468 | 24,343 | 15,086 | 12,984 |
| May | 1,909 | 2,186 | 23,623 | 20,560 | 18,535 |
| June | 1,489 | 2,351 | 30,125 | 18,513 | 19,308 |
| July | 1,935 | 3,496 | 28,219 | 21,902 | 17,239 |
| August | 3,621 | 3,349 | 26,820 | 15,600 | 17,201 |
| September | 3,629 | 7,005 | 38,561 | 15,184 | 18,832 |
| October | 5,078 | 9,524 | 49,462 | 18,719 | 23,304 |
| November | 5,408 | 14,191 | 76,180 | 38,995 | 39,188 |
| December | 5,817 | 14,274 | 66,839 | 32,260 | 36,554 |

Immigrants

| Month | 1923 ‡ | 1924 ‡ | 1925 ‡ | Total |
|-----------|--------|--------|--------|---------|
| January | 21,747 | 22,843 | 20,085 | 155,831 |
| February | 23,248 | 25,351 | 25,509 | 154,573 |
| March | 16,644 | 19,817 | 19,923 | 117,354 |
| April | 17,232 | 19,043 | 17,040 | 109,531 |
| May | 17,163 | 21,861 | 19,147 | 124,984 |
| June | 19,004 | 23,360 | 19,579 | 133,729 |
| July | 17,356 | 21,033 | 16,248 | 127,428 |
| August | 19,415 | 16,209 | 15,638 | 117,853 |
| September | 28,118 | 19,276 | 19,291 | 149,896 |
| October | 27,324 | 24,800 | 25,065 | 182,676 |
| November | 37,416 | 42,920 | 56,658 | 310,956 |
| December | 50,611 | 42,352 | 34,030 | 282,837 |

(continued next page)

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APPENDIX V.A (*cont'd*)

Emigrants

| Month | 1882 § | Total * 1887-91 | 1921 ‡ | 1922 ‡ |
|-----------|--------|--------------------|--------|--------|
| January | 2,278 | 17,170 | 12,311 | 13,215 |
| February | 1,981 | 24,445 | 15,732 | 20,397 |
| March | 4,693 | 36,130 | 22,435 | 29,194 |
| April | 5,495 | 47,453 | 27,974 | 33,410 |
| May | 5,597 | 43,610 | 29,704 | 30,194 |
| June | 4,915 | 28,483 | 19,618 | 22,275 |
| July | 2,401 | 20,032 | 12,858 | 13,009 |
| August | 1,257 | 21,031 | 12,920 | 11,153 |
| September | 2,064 | 18,102 | 14,620 | 15,133 |
| October | 1,393 | 18,664 | 14,247 | 13,275 |
| November | 1,293 | 19,227 | 13,903 | 13,827 |
| December | 1,575 | 17,864 | 14,289 | 14,414 |

Emigrants

| Month | 1923 ‡ | 1924 ‡ | 1925 ‡ | Total |
|-----------|--------|--------|--------|---------|
| January | 14,184 | 14,525 | 14,992 | 88,674 |
| February | 19,558 | 19,287 | 22,162 | 123,562 |
| March | 26,850 | 29,625 | 27,870 | 176,797 |
| April | 29,017 | 32,812 | 30,626 | 206,785 |
| May | 27,831 | 35,741 | 39,555 | 214,932 |
| June | 20,451 | 20,234 | 22,175 | 138,151 |
| July | 10,798 | 11,371 | 11,650 | 82,119 |
| August | 11,677 | 11,841 | 13,123 | 83,002 |
| September | 12,669 | 13,506 | 14,058 | 90,152 |
| October | 13,485 | 13,399 | 16,026 | 90,490 |
| November | 12,583 | 15,715 | 14,680 | 91,228 |
| December | 14,460 | 13,206 | 13,837 | 89,645 |

Sources: † 'Immigration from Indian Ports by Sea', *Administration Report, 1882-3*, 140.

* 'Return of immigrants and emigrants showing the arrivals and departures in each month of the year from 1887 to 1891', *Burma Census Report, 1891*, Part I, 17.

‡ 'Statement showing the number of deck-passengers between the port of Rangoon and ports of India for the five years 1921-5 inclusive', Bennison, *Report, 1928*, 220-1, Appendix B.

§ 'Emigration to Indian ports by sea', *Administration Report, 1882-3*, 140.

THE RICE INDUSTRY OF BURMA

APPENDIX V. B

The Number of Passengers by Sea, Landed at and Embarked from, the Ports in Burma

| Year | Immigrants | Emigrants | Net Immigration |
|------|------------|-----------|-----------------|
| 1885 | 56,100 | 50,600 | 5,500 |
| 1886 | 78,700 | 55,400 | 23,300 |
| 1887 | 66,200 | 59,500 | 6,700 |
| 1888 | 86,700 | 69,500 | 17,200 |
| 1889 | 194,900 | 163,000 | 31,900 |
| 1890 | 133,500 | 98,400 | 35,100 |
| 1891 | 151,200 | 112,900 | 38,300 |
| 1892 | 123,400 | 116,600 | 6,800 |
| 1893 | 129,100 | 58,300 | 70,800 |
| 1894 | 119,500 | 129,900 | 9,600 |
| 1895 | — | — | — |
| 1896 | 134,600 | 86,900 | 47,700 |
| 1897 | 123,400 | 91,600 | 31,800 |
| 1898 | 149,200 | 106,700 | 42,500 |
| 1899 | 167,000 | 105,700 | 61,300 |
| 1900 | 163,100 | 120,500 | 42,600 |
| 1901 | 154,600 | 114,200 | 40,400 |
| 1902 | 143,800 | 135,000 | 7,800 |
| 1903 | 180,200 | 139,700 | 40,500 |
| 1904 | 182,700 | 125,200 | 57,500 |
| 1905 | 238,800 | 175,700 | 62,800 |
| 1906 | 360,500 | 319,800 | 40,700 |
| 1907 | 271,100 | 267,600 | 3,500 |
| 1908 | 319,200 | 301,000 | 18,200 |
| 1909 | 302,200 | 301,900 | 300 |
| 1910 | 331,100 | 298,600 | 32,500 |
| 1911 | 368,300 | 311,500 | 56,800 |
| 1912 | 327,500 | 331,500 | - 4,000 |
| 1913 | 380,200 | 355,300 | 24,900 |
| 1914 | 268,400 | 146,200 | 122,200 |
| 1915 | 338,800 | 249,000 | 89,800 |
| 1916 | 258,800 | 252,300 | 6,500 |
| 1917 | 223,100 | 237,100 | -14,000 |
| 1918 | 259,900 | 234,200 | 25,700 |
| 1919 | 284,700 | 219,000 | 65,700 |
| 1920 | 341,100 | 247,900 | 93,200 |

(continued next page)

APPENDICES

APPENDIX V.B (*cont'd*)

| Year | Immigrants | Emigrants | Net Immigration |
|------|------------|-----------|-----------------|
| 1921 | 331,900 | 303,800 | 28,100 |
| 1922 | 360,000 | 310,300 | 49,700 |
| 1923 | 382,700 | 295,300 | 87,400 |
| 1924 | 388,200 | 315,800 | 72,400 |
| 1925 | 372,700 | 350,900 | 21,800 |
| 1926 | 408,400 | 342,500 | 65,900 |
| 1927 | 428,300 | 361,200 | 67,100 |
| 1928 | 418,600 | 333,000 | 85,600 |
| 1929 | 405,300 | 371,800 | 33,500 |
| 1930 | 368,500 | 399,200 | -30,700 |
| 1931 | 309,400 | 367,100 | -57,700 |
| 1932 | 300,300 | 288,400 | 11,900 |
| 1933 | 243,300 | 252,200 | - 8,900 |
| 1934 | 256,000 | 226,600 | 29,400 |
| 1935 | 273,800 | 234,200 | 39,600 |
| 1936 | 245,500 | 221,600 | 23,900 |
| 1937 | 244,600 | 232,300 | 12,300 |
| 1938 | 213,100 | 253,400 | -40,300 |

Sources: Various *Administration Reports* and Baxter, *Report*, Appendix 6 (a) 121, for 1900 and onwards.

*Methods of Collection and Reliability
of the Above Statistics*

The immigration and emigration figures were derived from the records kept by the Port Health Department, which records were compiled under the provisions of Act X of 1887. These returns were based on information supplied by Port Health Officers at Rangoon, Akyab, Bassein, Moulmein, Tavoy and Mergui; and included all races and classes of people, but as Furnivall pointed out, 'One has but to watch the arrival of a few boats to realise that Indians of the working class constitute the great majority of passengers.'¹

¹ J.S. Furnivall, *An Introduction to the Political Economy of Burma*, Rangoon, 1938, 88.

THE RICE INDUSTRY OF BURMA

APPENDIX V.B (*cont'd*)

For ports other than Rangoon the figures for immigrants and emigrants were supplied by the shipping companies and represented the number of tickets sold. For Rangoon the figures for immigrants were obtained by counting entrants and included infants and passengers travelling without tickets. The figures for emigrants from Rangoon to other than Indian ports were the result of an actual count while those for Indian ports were obtained from the shipping companies and represented the number of tickets sold.²

The Port Health Officer stated that although the figures for immigration were probably accurate, the figures for emigration were probably on the low side.³ The returns furnished by the Port Health Department were compiled, not for the purpose of ascertaining the movement of population but as a check on the steamship companies. So long as the number of persons carried on each ship did not exceed the number permissible under the Act, the requirements of the Act were satisfied.

The figures for the years before 1887 were even less reliable as they were collected by the Custom House while the ship was at the wharf. As coolies were in the habit of crowding on board up to the very last minute, the accuracy of the returns of emigrants made in this way 'may be more easily imagined than calculated'.⁴

² J. Baxter, *Report*, 1941, 121.

³ Furnivall, *op. cit.* 87.

⁴ *Burma Census Report*, 1891, Part I, 176.

APPENDICES

APPENDIX V.C

Growth of the Indian Population in Burma

The increase in the number of Indians in Burma could be ascertained from the successive census returns which, however, give only a rough indication. It must be borne in mind that (1) the censused area was not constant, (2) Indians were not enumerated by race till 1921, and (3) the dates on which the census were taken would influence the size of the Indian population due to the seasonal ebb and flow of Indian migration. The following table gives an idea of the size and growth of the Indian population.

| Census | Census Dates | Area of enumeration in sq. miles | Total population | Indian population | Percentage of Indian to total population |
|--------|--------------|----------------------------------|------------------|-------------------|------------------------------------------|
| 1872 | 15 Aug. | 75,970 | 2,747,148 | 136,504 † | 4.9 |
| 1881 | 17 Feb. | 75,970 | 3,736,771 | 243,123 * | 6.5 |
| 1891 | 26 Feb. | 152,218 | 8,098,014 | 420,830 * | 5.1 |
| 1901 | 1 Mar. | 226,209 | 10,490,624 | 568,263 * | 5.4 |
| 1911 | 10 Mar. | 228,709 | 12,115,217 | 743,288 * | 6.1 |
| 1921 | 8 Mar. | 232,707 | 13,212,192 | 887,077 ‡ | 6.7 |
| 1931 | 24 Feb. | 233,492 | 14,667,146 | 1,017,825 ‡ | 6.9 |

† Hindu and Muslim populations. Though it could be safely assumed that all the Hindus were Indian, not all the Muslims were Indian. Muslim communities could be found in Arakan and around Moulmein which had settled for so long in Burma that they could for all intents and purposes be regarded as part of the indigenous people. This figure is therefore somewhat higher than the true figure.

* Number returning an Indian language as mother tongue. These figures are also probably too high as some of the Arakanese Muslims returned an Indian vernacular as their mother tongue. These were estimated to number 10,000 to 15,000 in 1921.

‡ Number returning an Indian race.

THE RICE INDUSTRY OF BURMA

APPENDIX VI.A

Distribution of Total Occupied Land in Burma
by Type of Owners, 1901/2 to 1938/9

| Year | Area owned by agricul- turists | Area owned by non-agriculturists | | | Total occupied area |
|------------------------------|--------------------------------------|----------------------------------|------------------|-------|---------------------------|
| | | Resident | Non- resident | Total | |
| <i>In thousands of acres</i> | | | | | |
| 1901/2 | 9,132 | 555 | 924 | 1,479 | 10,612 |
| 1902/3 | 9,582 | 609 | 952 | 1,561 | 11,143 |
| 1903/4 | 10,601 | 623 | 1,046 | 1,669 | 12,270 |
| 1904/5 | 10,976 | 695 | 1,100 | 1,795 | 12,771 |
| 1905/6 | 11,251 | 741 | 1,203 | 1,944 | 13,195 |
| 1906/7 | 11,336 | 754 | 1,285 | 2,039 | 13,375 |
| 1907/8 | 11,682 | 782 | 1,405 | 2,188 | 13,870 |
| 1908/9 | 12,900 | 842 | 1,548 | 2,390 | 15,290 |
| 1909/10 | 13,580 | 963 | 1,515 | 2,477 | 16,057 |
| 1910/1 | 13,494 | 945 | 1,521 | 2,466 | 15,960 |
| 1911/2 | 14,494 | 972 | 1,597 | 2,589 | 17,083 |
| 1912/3 | 14,529 | 941 | 1,528 | 2,469 | 16,999 |
| 1913/4 | 14,579 | 935 | 1,534 | 2,469 | 17,048 |
| 1914/5 | 14,636 | 917 | 1,596 | 2,513 | 17,149 |
| 1915/6 | 14,748 | 799 | 1,727 | 2,525 | 17,273 |
| 1916/7 | 14,606 | 835 | 1,864 | 2,699 | 17,304 |
| 1917/8 | 14,659 | 850 | 1,910 | 2,760 | 17,419 |
| 1918/9 | 14,616 | 871 | 2,014 | 2,884 | 17,500 |
| 1919/20 | 14,641 | 929 | 2,081 | 3,011 | 17,652 |
| 1920/1 | 14,490 | 979 | 2,141 | 3,120 | 17,610 |
| 1921/2 | 14,537 | 985 | 2,239 | 3,223 | 17,760 |
| 1922/3 | 14,648 | 938 | 2,315 | 3,253 | 17,901 |
| 1923/4 | 14,679 | 943 | 2,391 | 3,334 | 18,013 |
| 1924/5 | 14,701 | 977 | 2,416 | 3,393 | 18,094 |
| 1925/6 | 14,800 | 1,013 | 2,459 | 3,472 | 18,272 |
| 1926/7 | 14,805 | 1,046 | 2,533 | 3,580 | 18,385 |
| 1927/8 | 14,845 | 1,095 | 2,581 | 3,675 | 18,520 |
| 1928/9 | 14,762 | 1,103 | 2,681 | 3,784 | 18,546 |
| 1929/30 | 14,719 | 1,154 | 2,874 | 4,029 | 18,748 |

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APPENDICES

APPENDIX VI.A (cont'd)

| Year | Area owned by agricul- turists | Area owned by non-agriculturists | | | Total occupied area |
|------------------------------|--------------------------------------|----------------------------------|------------------|-------|---------------------------|
| | | Resident | Non- resident | Total | |
| <i>In thousands of acres</i> | | | | | |
| 1930/1 | 14,457 | 1,190 | 3,166 | 4,357 | 18,813 |
| 1931/2 | 13,753 | 1,252 | 3,750 | 5,002 | 18,755 |
| 1932/3 | 13,362 | 1,259 | 4,197 | 5,456 | 18,818 |
| 1933/4 | 13,045 | 1,302 | 4,549 | 5,851 | 18,896 |
| 1934/5 | 12,854 | 1,344 | 4,794 | 6,139 | 18,993 |
| 1935/6 | 12,790 | 1,431 | 4,928 | 6,359 | 19,149 |
| 1936/7 | 12,863 | 1,465 | 4,977 | 6,442 | 19,305 |
| 1937/8 | 12,930 | 1,465 | 5,095 | 6,560 | 19,443 |
| 1938/9 | 12,918 | 1,448 | 5,049 | 6,498 | 19,461 |

Sources: *Annual Reports on the Land Revenue Administration of Burma.*

THE RICE INDUSTRY OF BURMA

APPENDIX VI.B

Distribution of Total Occupied Land in Lower Burma
by Type of Owners, 1900/1 to 1938/9

| Year | Area owned by agricul- turists | Area owned by non-agriculturists | | | Total occupied area |
|------------------------------|--------------------------------------|----------------------------------|------------------|-------|---------------------------|
| | | Resident | Non- resident | Total | |
| <i>In thousands of acres</i> | | | | | |
| 1900/1 | 5,474 | 435 | 722 | 1,157 | 6,631 |
| 1901/2 | 5,709 | 447 | 776 | 1,223 | 6,932 |
| 1902/3 | 5,948 | 456 | 832 | 1,288 | 7,237 |
| 1903/4 | 5,975 | 459 | 869 | 1,328 | 7,304 |
| 1904/5 | 6,214 | 521 | 963 | 1,484 | 7,698 |
| 1905/6 | 6,257 | 511 | 1,031 | 1,541 | 7,798 |
| 1906/7 | 6,278 | 534 | 1,126 | 1,660 | 7,938 |
| 1907/8 | 6,266 | 543 | 1,211 | 1,754 | 8,021 |
| 1908/9 | 6,397 | 570 | 1,321 | 1,891 | 8,288 |
| 1909/10 | 7,209 | 701 | 1,283 | 1,984 | 9,193 |
| 1910/1 | 7,550 | 689 | 1,294 | 1,984 | 9,533 |
| 1911/2 | 7,107 | 700 | 1,339 | 2,039 | 9,146 |
| 1912/3 | 7,062 | 686 | 1,345 | 2,028 | 9,091 |
| 1913/4 | 7,109 | 651 | 1,212 | 1,863 | 8,972 |
| 1914/5 | 7,106 | 651 | 1,303 | 1,955 | 9,061 |
| 1915/6 | 7,331 | 552 | 1,422 | 1,974 | 9,291 |
| 1916/7 | 7,281 | 572 | 1,558 | 2,130 | 9,412 |
| 1917/8 | 7,206 | 583 | 1,609 | 2,191 | 9,487 |
| 1918/9 | 7,222 | 596 | 1,714 | 2,310 | 9,532 |
| 1919/20 | 7,246 | 626 | 1,777 | 2,504 | 9,650 |
| 1920/1 | 7,267 | 682 | 1,817 | 2,500 | 9,767 |
| 1921/2 | 7,097 | 675 | 1,906 | 2,581 | 9,678 |
| 1922/3 | 7,386 | 641 | 1,980 | 2,621 | 10,007 |
| 1923/4 | 7,418 | 640 | 2,038 | 2,679 | 10,096 |
| 1924/5 | 7,508 | 665 | 2,049 | 2,715 | 10,223 |
| 1925/6 | 7,555 | 700 | 2,085 | 2,785 | 10,340 |
| 1926/7 | 7,563 | 736 | 2,157 | 2,893 | 10,456 |
| 1927/8 | 7,652 | 767 | 2,188 | 2,955 | 10,608 |
| 1928/9 | 7,601 | 778 | 2,274 | 3,053 | 10,654 |
| 1929/30 | 7,514 | 804 | 2,428 | 3,231 | 10,745 |

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APPENDICES

APPENDIX VI.B (cont'd)

| Year | Area owned by agricul- turists | Area owned by non-agriculturists | | | Total occupied area |
|------------------------------|--------------------------------------|----------------------------------|------------------|-------|---------------------------|
| | | Resident | Non- resident | Total | |
| <i>In thousands of acres</i> | | | | | |
| 1930/1 | 7,292 | 822 | 2,692 | 3,514 | 10,806 |
| 1931/2 | 6,640 | 857 | 3,236 | 4,094 | 10,734 |
| 1932/3 | 6,295 | 835 | 3,639 | 4,474 | 10,768 |
| 1933/4 | 6,030 | 860 | 3,956 | 4,816 | 10,846 |
| 1934/5 | 5,865 | 890 | 4,172 | 5,062 | 10,926 |
| 1935/6 | 5,803 | 968 | 4,285 | 5,253 | 11,056 |
| 1936/7 | 5,896 | 989 | 4,317 | 5,306 | 11,202 |
| 1937/8 | 5,940 | 982 | 4,378 | 5,360 | 11,300 |
| 1938/9 | 5,908 | 967 | 4,418 | 5,385 | 11,293 |

Sources: *Annual Reports on the Land Revenue Administration of Burma.*

THE RICE INDUSTRY OF BURMA

APPENDIX VI.C

Distribution of Total Occupied Land in the Thirteen Principal Rice-Growing Districts of Lower Burma by Type of Owners, 1901/2 to 1938/9.

| Year | Area owned by agriculturists | Area owned by non-agriculturists | | | Total area occupied |
|------------------------------|------------------------------|----------------------------------|--------------|-------|---------------------|
| | | Resident | Non-resident | Total | |
| <i>In thousands of acres</i> | | | | | |
| 1901/2 | 4,790 | 374 | 618 | 992 | 5,782 |
| 1902/3 | 4,969 | 377 | 668 | 1,044 | 6,014 |
| 1903/4 | 5,119 | 395 | 706 | 1,101 | 6,220 |
| 1904/5 | 5,244 | 431 | 791 | 1,222 | 6,466 |
| 1905/6 | 5,337 | 429 | 858 | 1,287 | 6,624 |
| 1906/7 | 5,335 | 451 | 949 | 1,400 | 6,735 |
| 1907/8 | 5,294 | 463 | 1,035 | 1,498 | 6,792 |
| 1908/9 | 5,389 | 500 | 1,146 | 1,647 | 7,036 |
| 1909/10 | 6,191 | 627 | 1,101 | 1,729 | 7,920 |
| 1910/1 | 5,888 | 604 | 1,113 | 1,717 | 7,605 |
| 1911/2 | 6,080 | 608 | 1,144 | 1,752 | 7,832 |
| 1912/3 | 6,022 | 592 | 1,142 | 1,734 | 7,756 |
| 1913/4 | 6,092 | 593 | 1,104 | 1,697 | 7,789 |
| 1914/5 | 6,070 | 595 | 1,193 | 1,787 | 7,857 |
| 1915/6 | 6,139 | 490 | 1,302 | 1,792 | 7,931 |
| 1916/7 | 6,081 | 519 | 1,428 | 1,947 | 8,028 |
| 1917/8 | 6,076 | 529 | 1,467 | 1,996 | 8,072 |
| 1918/9 | 6,008 | 537 | 1,564 | 2,101 | 8,109 |
| 1919/20 | 6,039 | 563 | 1,616 | 2,179 | 8,218 |
| 1920/1 | 6,069 | 621 | 1,646 | 2,267 | 8,336 |
| 1921/2 | 5,907 | 605 | 1,729 | 2,334 | 8,241 |
| 1922/3 | 6,166 | 581 | 1,800 | 2,380 | 8,546 |
| 1923/4 | 6,234 | 571 | 1,852 | 2,423 | 8,357 |
| 1924/5 | 6,334 | 595 | 1,865 | 2,460 | 8,773 |
| 1925/6 | 6,368 | 626 | 1,904 | 2,530 | 8,897 |
| 1926/7 | 6,383 | 659 | 1,958 | 2,617 | 9,017 |
| 1927/8 | 6,162 | 691 | 1,988 | 2,679 | 9,142 |
| 1928/9 | 6,405 | 700 | 2,068 | 2,769 | 9,173 |
| 1929/30 | 6,306 | 725 | 2,218 | 2,943 | 9,250 |

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APPENDICES

APPENDIX VI.C (*cont'd*)

| Year | Area owned by agricul- turers | Area owned by non-agriculturists | | | Total occupied area |
|------------------------------|-------------------------------------|----------------------------------|------------------|-------|---------------------------|
| | | Resident | Non- resident | Total | |
| <i>In thousands of acres</i> | | | | | |
| 1930/1 | 6,094 | 744 | 2,467 | 3,212 | 9,305 |
| 1931/2 | 5,476 | 782 | 2,988 | 3,770 | 9,246 |
| 1932/3 | 5,127 | 763 | 3,377 | 4,139 | 9,266 |
| 1933/4 | 4,875 | 786 | 3,675 | 4,460 | 9,336 |
| 1934/5 | 4,820 | 812 | 3,865 | 4,687 | 9,407 |
| 1938/9 | 4,729 | 885 | 4,108 | 4,993 | 9,722 |

Sources: *Annual Reports on the Land Revenue Administration of Burma.*

Note: The thirteen principal rice-growing districts were Pegu, Tharrawaddy, Hanthawaddy, Insein, Prome, Bassein, Henzada, Myaungmya, Maubin, Pyapon, Thaton, Amherst and Toungoo.

THE RICE INDUSTRY OF BURMA

APPENDIX VI.D

Areas Let at Full Fixed Rents in All Burma, Lower Burma and
the Thirteen Principal Rice-Growing Districts of Lower Burma,
1901/2 to 1938/9

| Year | All Burma | Lower Burma | The 13 Districts |
|---------|------------------------------|-------------|------------------|
| | <i>In thousands of acres</i> | | |
| 1901/2 | 1,960 | 1,831 | 1,656 |
| 1902/3 | 2,046 | 1,926 | 1,746 |
| 1903/4 | 2,205 | 2,058 | 1,855 |
| 1904/5 | 2,227 | 2,067 | 1,858 |
| 1905/6 | 2,319 | 2,143 | 1,929 |
| 1906/7 | 2,460 | 2,334 | 2,135 |
| 1907/8 | 2,657 | 2,533 | 2,309 |
| 1908/9 | 2,853 | 2,720 | 2,492 |
| 1909/10 | 2,862 | 2,741 | 2,495 |
| 1910/1 | 2,932 | 2,830 | 2,568 |
| 1911/2 | 2,931 | 2,835 | 2,574 |
| 1912/3 | 3,102 | 3,012 | 2,729 |
| 1913/4 | 3,255 | 3,058 | 2,766 |
| 1914/5 | 3,134 | 2,946 | 2,636 |
| 1915/6 | 3,154 | 3,060 | 2,747 |
| 1916/7 | 3,351 | 3,257 | 2,823 |
| 1917/8 | 3,514 | 3,412 | 3,066 |
| 1918/9 | 3,472 | 3,369 | 3,016 |
| 1919/20 | 3,505 | 3,399 | 3,023 |
| 1920/1 | 3,660 | 3,570 | 3,179 |
| 1921/2 | 3,811 | 3,704 | 3,301 |
| 1922/3 | 3,878 | 3,699 | 3,315 |
| 1923/4 | 3,967 | 3,770 | 3,233 |
| 1924/5 | 4,158 | 3,939 | 3,629 |
| 1925/6 | 4,394 | 4,155 | 4,240 |
| 1926/7 | 4,615 | 4,305 | 3,879 |
| 1927/8 | 4,616 | 4,324 | 3,873 |
| 1928/9 | 4,798 | 4,478 | 4,043 |
| 1929/30 | 5,099 | 4,701 | 4,248 |

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APPENDICES
APPENDIX VI.D (*cont'd*)

| Year | All Burma | Lower Burma | The 13 Districts |
|--------|------------------------------|-------------|------------------|
| | <i>In thousands of acres</i> | | |
| 1930/1 | 5,421 | 5,011 | 4,539 |
| 1931/2 | 5,449 | 5,063 | 4,583 |
| 1932/3 | 5,928 | 5,575 | 5,076 |
| 1933/4 | 6,280 | 5,772 | 5,240 |
| 1934/5 | 6,550 | 6,026 | 5,487 |
| 1935/6 | 6,766 | 6,201 | — |
| 1936/7 | 7,020 | 6,422 | — |
| 1937/8 | 7,125 | 6,458 | — |
| 1938/9 | 7,267 | 6,557 | 5,986 |

Sources: *Annual Reports on the Land Revenue Administration of Burma.*

THE RICE INDUSTRY OF BURMA

APPENDIX VII

Number of Agricultural Co-operative Credit Societies and their Members in Burma, 1906 to 1940

| Year | Agricultural Co-operative Credit Societies | |
|------|--------------------------------------------|-------------------------|
| | Number of Societies | Total Number of Members |
| 1906 | 21 | 1,386 |
| 1907 | 37 | 1,925 |
| 1908 | 72 | 2,662 |
| 1909 | 155 | 4,275 |
| 1910 | 252 | 6,128 |
| 1911 | 444 | 11,185 |
| 1912 | 691 | 16,821 |
| 1913 | 977 | 23,731 |
| 1914 | 1,092 | 27,182 |
| 1915 | 1,252 | 30,130 |
| 1916 | 1,685 | 31,494 |
| 1917 | 1,934 | 42,877 |
| 1918 | 2,279 | 50,213 |
| 1919 | 2,675 | 57,609 |
| 1920 | 3,319 | 72,816 |
| 1921 | 3,704 | 89,103 |
| 1922 | 4,023 | 93,158 |
| 1923 | 4,041 | 95,243 |
| 1924 | 4,097 | 94,900 |
| 1925 | 4,057 | 92,005 |
| 1926 | 3,919 | 87,781 |
| 1927 | 3,788 | 83,846 |
| 1928 | 3,808 | 82,577 |
| 1929 | 2,856 | 64,154 |
| 1930 | 2,191 | 50,074 |
| 1931 | 1,970 | 44,604 |
| 1932 | 1,730 | 38,727 |
| 1933 | 1,493 | 33,721 |
| 1934 | 1,380 | 30,562 |
| 1935 | 1,371 | 29,712 |
| 1936 | 1,398 | 29,612 |
| 1937 | 1,485 | 28,847 |
| 1938 | 1,455 | 28,009 |
| 1939 | 1,513 | 28,398 |
| 1940 | 1,573 | 28,985 |

Sources: *Annual Reports on the Working of the Co-operative Credit Societies Act in Burma, 1906 to 1940.*

APPENDICES

APPENDIX VIII

Annual Exports of Rice and Paddy from Lower to Upper Burma
1865 to 1896

| Year | Tons | Year | Tons |
|------|---------|------|---------|
| 1865 | 33,800 | 1880 | 5,700 |
| 1866 | 17,000 | 1881 | 5,200 |
| 1867 | 93,400 | 1882 | 39,800 |
| 1868 | 78,000 | 1883 | 37,800 |
| 1869 | 66,000 | 1884 | 87,100 |
| 1870 | 100,300 | 1885 | 96,400 |
| 1871 | 64,800 | 1886 | 77,000 |
| 1872 | 28,700 | 1887 | 125,200 |
| 1873 | 26,400 | 1888 | 150,700 |
| 1874 | 13,000 | 1889 | 58,500 |
| 1875 | 67,400 | 1890 | 53,800 |
| 1876 | 72,800 | 1891 | 77,800 |
| 1877 | 66,800 | 1892 | 152,800 |
| 1878 | 53,300 | 1893 | 116,700 |
| 1879 | 41,800 | 1894 | 36,500 |
| | | 1895 | 25,400 |
| | | 1896 | 102,974 |

Sources: *Annual Reports on the Administration of Burma; Annual Trade and Customs Reports and Annual Trade and Navigation Reports.*

Note: Data for 1897 and subsequent years are not recorded.