# Consumer Price Indices and Wages in Central-Northern Italy and Southern England 1300-1850

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## STATISTICAL APPENDIX

More information on the sources and elaboration of this Statistical Appendix are available in the article by P. Malanima, *When did England overtake Italy? Medieval and early modern divergence in prices and wages* (European Economic History Review).

## Databases

I used the following databases for England:

Allen DB1:
www.nuffield.ox.ac.uk/users/allen/data/craftweb.xls (series of nominal wages for craftsmen, CPI and real wages for several European cities);
Allen DB2:
http://www.nuffield.ox.ac.uk/users/allen/data/labweb.xls (series of nominal wages for labourers, CPI and real wages for several European cities);
Allen DB4:
www.nuff.ox.ac.uk/users/allen/studer/london.xls (prices and wages in London and southern England).
Clark DB:
www.iisg.nl/hpw/data.php (series of prices and wages in England).
Munro DB:
www.economics.utoronto.ca/munro5/ResearchData.html (the P. Brown and S. Hopkins Basket of Consumables' Commodity Prices and Craftsmen's Wages, in Southern England, 1264 to 1700: revised data).

## I

## Prices 1300-1850

Sources of the data are: 1. *Bread*. Clark 2004 and Clark DB for wheat per litre (equation from Allen to convert litres of wheat into kg of bread). 2. *Rye*. Data from Phelps-Brown-Sheila Hopkins (1956, 1957 and Munro DB) until 1623, and then Clark (2004) and Clark DB (missing data up to 1700 have been filled with the previous source). Missing data in 1704-06 have been interpolated from the relationship rye-wheat prices. See also Munro (2005) and Munro DB. *Beef*. For the period 1300-1559 prices are from Allen DB4, then I follow Clark (2004) and Clark DB (whose series is not far from that of Allen around 1560). 4. *Eggs*. Clark DB. 5. *Butter*. Clark DB. 6. *Beer*. Allen DB4, although the price is much lower than that in the series by Clark. The series by Allen is computed based on the price of barley up

to 1600 (from Beveridge 1965). 7. *Firewood*. Clark DB. 8. *Coal*. Clark DB (price for southern England). 9. *Linen cloth*. Clark DB.
In the series of the English currency is not included the so-called "Great Debasement" occurring from 1544 until 1551(when the silver content of coin was about one-sixth what it had been under Henry VII). By 1560 the silver content of English coin was back to the level of 1527.

In the case of Italy, we have data for different cities. From 1300 until the beginning of the seventeenth century, the best series of prices relate to Tuscany. From then on Lombardy, and in particular Milan, is better documented. When a comparison is possible, such as in the case of the price of wheat and rye, the correlation between the series is higher than 0.70 for rye and 0.80 for wheat. The basic data on which the Italian CPI is based are : *Firenze*: De La Roncière (1982), Goldthwaite (1980), Tognetti (1995), Parenti (1939). *Milano*: De Maddalena (1949) (1957) (1974), Sella (1968), Sella (1979). See also P.
The increase of prices in England, when prices are expressed in silver, is of about 2.5 times between 1300 and 1850. When converted into pence the rise of the English CPI is more than 7 times. This higher increase depends on the loss of weight of the pence in the meantime. See the weight of the penny in fine silver in col. 9. In the series of the English currency (but not in the price series in silver and currency) is included the so-called "Great Debasement" occurring from 1544 until 1551(when the silver content of coin was about one-sixth what it had been under Henry VII). By 1560 the silver content of English coin was back to the level of 1527.

Col. 2-4: price of the basket in grams of silver, Florentine lire and index of col. 3 with 1420-40=1 in central and northern Italy.
Col. 5-7: price of the basket in grams of silver, pence and index of col. 6 with 1420-40=1 in southern England.
Col. 8-9: weight in grams of fine silver of the Florentine lira and English penny.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| | **PRICES ITALY Centre-North basket per year silver grams** | **ITALY Centre-North lire per year Florence** | **ITALY Centre-North Index 1420-40=1** | **ENGLAND basket per year silver grams** | **ENGLAND pence per year** | **ENGLAND Index 1420-40=1** | **CURRENCY ITALY Centre-North Florentine lira silver grams** | **ENGLAND penny silver grams** |
| **1300** | | | | 267.4 | 200.8 | 0.779 | 20.0 | 1.332 |
| **1301** | | | | 253.8 | 190.6 | 0.739 | 20.0 | 1.332 |
| **1302** | | | | 252.2 | 189.3 | 0.735 | 20.0 | 1.332 |
| **1303** | | | | 249.3 | 187.2 | 0.726 | 20.0 | 1.332 |
| **1304** | | | | 231.1 | 173.5 | 0.673 | 20.0 | 1.332 |
| **1305** | | | | 251.7 | 189.0 | 0.733 | 20.0 | 1.332 |
| **1306** | | | | 253.9 | 190.6 | 0.740 | 19.0 | 1.332 |
| **1307** | | | | 240.5 | 180.5 | 0.701 | 19.0 | 1.332 |
| **1308** | | | | 272.5 | 204.6 | 0.794 | 19.0 | 1.332 |
| **1309** | | | | 322.1 | 241.8 | 0.938 | 19.0 | 1.332 |
| **1310** | 253.7 | 13.4 | 0.473 | 322.1 | 241.8 | 0.938 | 19.0 | 1.332 |
| **1311** | 315.3 | 16.6 | 0.588 | 333.8 | 250.6 | 0.973 | 19.0 | 1.332 |
| **1312** | 296.8 | 15.6 | 0.553 | 297.2 | 223.1 | 0.866 | 19.0 | 1.332 |
| **1313** | 299.4 | 15.8 | 0.558 | 283.0 | 212.5 | 0.824 | 19.0 | 1.332 |
| **1314** | 281.4 | 14.8 | 0.525 | 298.6 | 224.1 | 0.870 | 19.0 | 1.332 |
| **1315** | 256.2 | 13.5 | 0.478 | 371.8 | 279.1 | 1.083 | 19.0 | 1.332 |
| **1316** | 251.9 | 13.3 | 0.470 | 513.8 | 385.7 | 1.497 | 19.0 | 1.332 |

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|---|---|---|---|---|---|---|---|---|
| **1317** | 292.8 | 15.4 | 0.546 | 490.7 | 368.4 | 1.429 | 19.0 | 1.332 |
| **1318** | 255.6 | 16.3 | 0.577 | 325.0 | 244.0 | 0.947 | 15.7 | 1.332 |
| **1319** | 237.4 | 15.1 | 0.536 | 241.8 | 181.5 | 0.704 | 15.7 | 1.332 |
| **1320** | 217.4 | 13.8 | 0.491 | 290.0 | 217.7 | 0.845 | 15.7 | 1.332 |
| **1321** | 209.3 | 13.3 | 0.472 | 307.6 | 230.9 | 0.896 | 15.7 | 1.332 |
| **1322** | 277.1 | 17.6 | 0.625 | 422.6 | 317.3 | 1.231 | 15.7 | 1.332 |
| **1323** | 314.8 | 20.1 | 0.710 | 346.7 | 260.3 | 1.010 | 15.7 | 1.332 |
| **1324** | 271.4 | 17.3 | 0.612 | 324.7 | 243.8 | 0.946 | 15.7 | 1.332 |
| **1325** | 235.1 | 15.0 | 0.531 | 320.2 | 240.4 | 0.933 | 15.7 | 1.332 |
| **1326** | 228.7 | 14.6 | 0.516 | 250.6 | 188.1 | 0.730 | 15.7 | 1.332 |
| **1327** | 256.9 | 16.4 | 0.580 | 224.3 | 168.4 | 0.654 | 15.7 | 1.332 |
| **1328** | 286.0 | 18.2 | 0.645 | 259.5 | 194.8 | 0.756 | 15.7 | 1.332 |
| **1329** | 378.9 | 24.1 | 0.855 | 304.5 | 228.6 | 0.887 | 15.7 | 1.332 |
| **1330** | 369.6 | 23.5 | 0.834 | 295.4 | 221.8 | 0.861 | 15.7 | 1.332 |
| **1331** | 266.6 | 17.0 | 0.602 | 351.2 | 263.7 | 1.023 | 15.7 | 1.332 |
| **1332** | 236.3 | 15.0 | 0.533 | 320.8 | 240.8 | 0.934 | 15.7 | 1.332 |
| **1333** | 287.2 | 18.3 | 0.648 | 267.8 | 201.1 | 0.780 | 15.7 | 1.332 |
| **1334** | 316.6 | 20.2 | 0.714 | 242.1 | 181.7 | 0.705 | 15.7 | 1.332 |
| **1335** | 305.1 | 19.4 | 0.688 | 245.2 | 190.8 | 0.740 | 15.7 | 1.285 |
| **1336** | 266.3 | 17.0 | 0.601 | 260.4 | 202.7 | 0.786 | 15.7 | 1.285 |
| **1337** | 250.7 | 16.0 | 0.566 | 230.0 | 179.0 | 0.695 | 15.7 | 1.285 |
| **1338** | 260.1 | 16.6 | 0.587 | 215.8 | 167.9 | 0.652 | 15.7 | 1.285 |
| **1339** | 388.8 | 24.8 | 0.877 | 201.2 | 156.6 | 0.608 | 15.7 | 1.285 |
| **1340** | 323.5 | 20.6 | 0.730 | 261.3 | 203.3 | 0.789 | 15.7 | 1.285 |
| **1341** | 265.9 | 16.9 | 0.600 | 223.4 | 173.9 | 0.675 | 15.7 | 1.285 |
| **1342** | 254.3 | 16.2 | 0.574 | 224.3 | 174.6 | 0.677 | 15.7 | 1.285 |
| **1343** | 330.3 | 21.0 | 0.745 | 227.4 | 177.0 | 0.687 | 15.7 | 1.285 |
| **1344** | 158.2 | 10.1 | 0.357 | 234.7 | 192.9 | 0.748 | 15.7 | 1.217 |
| **1345** | 238.8 | 19.4 | 0.688 | 209.4 | 172.1 | 0.668 | 12.3 | 1.217 |
| **1346** | 326.7 | 26.6 | 0.941 | 232.3 | 190.9 | 0.741 | 12.3 | 1.217 |
| **1347** | 277.3 | 25.0 | 0.885 | 282.1 | 231.8 | 0.899 | 11.1 | 1.217 |
| **1348** | 250.6 | 22.6 | 0.800 | 276.6 | 227.3 | 0.882 | 11.1 | 1.217 |
| **1349** | 274.4 | 24.7 | 0.876 | 231.9 | 190.6 | 0.739 | 11.1 | 1.217 |
| **1350** | 253.7 | 22.9 | 0.810 | 294.4 | 241.9 | 0.939 | 11.1 | 1.217 |
| **1351** | 338.6 | 30.5 | 1.081 | 310.7 | 288.0 | 1.117 | 11.1 | 1.079 |
| **1352** | 440.1 | 40.8 | 1.444 | 343.3 | 318.1 | 1.235 | 10.8 | 1.079 |
| **1353** | 384.0 | 35.6 | 1.260 | 264.4 | 245.1 | 0.951 | 10.8 | 1.079 |
| **1354** | 277.0 | 25.7 | 0.909 | 239.4 | 221.8 | 0.861 | 10.8 | 1.079 |
| **1355** | 257.4 | 23.8 | 0.844 | 264.4 | 245.1 | 0.951 | 10.8 | 1.079 |
| **1356** | 257.8 | 23.9 | 0.846 | 285.9 | 265.0 | 1.028 | 10.8 | 1.079 |
| **1357** | 239.1 | 22.1 | 0.784 | 286.1 | 265.2 | 1.029 | 10.8 | 1.079 |
| **1358** | 229.4 | 21.2 | 0.752 | 296.5 | 274.8 | 1.066 | 10.8 | 1.079 |
| **1359** | 283.9 | 26.3 | 0.931 | 282.2 | 261.5 | 1.015 | 10.8 | 1.079 |
| **1360** | 287.0 | 26.6 | 0.941 | 297.5 | 275.8 | 1.070 | 10.8 | 1.079 |
| **1361** | 229.4 | 21.2 | 0.752 | 305.8 | 283.4 | 1.100 | 10.8 | 1.079 |
| **1362** | 214.5 | 19.9 | 0.704 | 274.4 | 254.3 | 0.987 | 10.8 | 1.079 |
| **1363** | 257.0 | 23.8 | 0.843 | 300.6 | 278.6 | 1.081 | 10.8 | 1.079 |
| **1364** | 223.7 | 20.7 | 0.734 | 313.0 | 290.1 | 1.126 | 10.8 | 1.079 |
| **1365** | 235.9 | 21.8 | 0.774 | 278.8 | 258.4 | 1.003 | 10.8 | 1.079 |
| **1366** | 258.6 | 23.9 | 0.848 | 270.7 | 250.9 | 0.974 | 10.8 | 1.079 |
| **1367** | 242.5 | 22.4 | 0.795 | 279.1 | 258.7 | 1.004 | 10.8 | 1.079 |
| **1368** | 355.9 | 33.0 | 1.167 | 317.0 | 293.8 | 1.140 | 10.8 | 1.079 |
| **1369** | 382.7 | 35.4 | 1.255 | 336.4 | 311.8 | 1.210 | 10.8 | 1.079 |
| **1370** | 430.9 | 39.9 | 1.413 | 417.1 | 386.6 | 1.500 | 10.8 | 1.079 |
| **1371** | 345.7 | 32.0 | 1.134 | 287.1 | 266.1 | 1.033 | 10.8 | 1.079 |
| **1372** | 298.2 | 27.6 | 0.978 | 276.9 | 256.7 | 0.996 | 10.8 | 1.079 |
| **1373** | 284.4 | 26.3 | 0.933 | 294.5 | 272.9 | 1.059 | 10.8 | 1.079 |
| **1374** | 433.6 | 45.2 | 1.600 | 260.4 | 241.4 | 0.937 | 9.6 | 1.079 |
| **1375** | 320.6 | 33.4 | 1.183 | 314.8 | 291.8 | 1.132 | 9.6 | 1.079 |
| **1376** | 261.4 | 27.2 | 0.964 | 301.7 | 279.6 | 1.085 | 9.6 | 1.079 |
| **1377** | 243.1 | 25.3 | 0.897 | 246.0 | 228.0 | 0.885 | 9.6 | 1.079 |

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|---|---|---|---|---|---|---|---|---|
| **1378** | 291.9 | 30.4 | 1.077 | 218.9 | 202.9 | 0.787 | 9.6 | 1.079 |
| **1379** | 162.9 | 17.0 | 0.601 | 231.2 | 214.2 | 0.831 | 9.6 | 1.079 |
| **1380** | 260.1 | 27.1 | 0.960 | 266.4 | 246.9 | 0.958 | 9.6 | 1.079 |
| **1381** | 318.0 | 33.1 | 1.173 | 266.4 | 246.9 | 0.958 | 9.6 | 1.079 |
| **1382** | 300.6 | 31.3 | 1.109 | 261.3 | 242.1 | 0.940 | 9.6 | 1.079 |
| **1383** | 346.6 | 36.1 | 1.279 | 258.8 | 239.8 | 0.931 | 9.6 | 1.079 |
| **1384** | 364.3 | 37.9 | 1.344 | 240.4 | 222.8 | 0.864 | 9.6 | 1.079 |
| **1385** | 349.6 | 36.4 | 1.290 | 241.0 | 223.3 | 0.867 | 9.6 | 1.079 |
| **1386** | 359.8 | 37.5 | 1.328 | 254.4 | 235.7 | 0.915 | 9.6 | 1.079 |
| **1387** | 305.6 | 31.8 | 1.128 | 231.8 | 214.8 | 0.834 | 9.6 | 1.079 |
| **1388** | 337.8 | 35.2 | 1.247 | 215.3 | 199.5 | 0.774 | 9.6 | 1.079 |
| **1389** | 435.0 | 45.3 | 1.605 | 219.2 | 203.2 | 0.788 | 9.6 | 1.079 |
| **1390** | 396.0 | 41.2 | 1.461 | 304.6 | 282.3 | 1.095 | 9.6 | 1.079 |
| **1391** | 389.0 | 40.5 | 1.435 | 311.5 | 288.7 | 1.120 | 9.6 | 1.079 |
| **1392** | 446.3 | 46.5 | 1.647 | 243.9 | 226.0 | 0.877 | 9.6 | 1.079 |
| **1393** | 328.0 | 34.2 | 1.210 | 225.6 | 209.0 | 0.811 | 9.6 | 1.079 |
| **1394** | 247.1 | 25.7 | 0.912 | 229.8 | 213.0 | 0.827 | 9.6 | 1.079 |
| **1395** | 267.1 | 27.8 | 0.986 | 235.2 | 217.9 | 0.846 | 9.6 | 1.079 |
| **1396** | 301.1 | 31.4 | 1.111 | 252.7 | 234.2 | 0.909 | 9.6 | 1.079 |
| **1397** | 311.8 | 32.5 | 1.150 | 281.0 | 260.5 | 1.011 | 9.6 | 1.079 |
| **1398** | 320.7 | 33.4 | 1.184 | 283.8 | 263.0 | 1.021 | 9.6 | 1.079 |
| **1399** | 320.4 | 33.4 | 1.182 | 256.9 | 238.1 | 0.924 | 9.6 | 1.079 |
| **1400** | 265.3 | 27.6 | 0.979 | 276.3 | 256.1 | 0.994 | 9.6 | 1.079 |
| **1401** | 275.5 | 28.7 | 1.017 | 284.5 | 263.7 | 1.023 | 9.6 | 1.079 |
| **1402** | 271.1 | 30.1 | 1.067 | 323.2 | 299.6 | 1.162 | 9.0 | 1.079 |
| **1403** | 252.1 | 28.0 | 0.992 | 275.1 | 255.0 | 0.990 | 9.0 | 1.079 |
| **1404** | 241.4 | 26.8 | 0.950 | 246.4 | 228.4 | 0.886 | 9.0 | 1.079 |
| **1405** | 281.0 | 31.2 | 1.106 | 231.5 | 214.6 | 0.833 | 9.0 | 1.079 |
| **1406** | 274.6 | 30.5 | 1.081 | 221.4 | 205.2 | 0.796 | 9.0 | 1.079 |
| **1407** | 273.8 | 30.4 | 1.077 | 246.1 | 228.1 | 0.885 | 9.0 | 1.079 |
| **1408** | 299.3 | 33.3 | 1.178 | 265.1 | 245.7 | 0.954 | 9.0 | 1.079 |
| **1409** | 291.6 | 32.4 | 1.148 | 284.6 | 263.8 | 1.023 | 9.0 | 1.079 |
| **1410** | 259.5 | 28.8 | 1.021 | 302.8 | 280.7 | 1.089 | 9.0 | 1.079 |
| **1411** | 303.9 | 33.8 | 1.196 | 262.2 | 243.0 | 0.943 | 9.0 | 1.079 |
| **1412** | 347.3 | 38.6 | 1.367 | 211.5 | 235.2 | 0.913 | 9.0 | 0.899 |
| **1413** | 196.9 | 21.9 | 0.775 | 215.8 | 240.0 | 0.931 | 9.0 | 0.899 |
| **1414** | 226.9 | 25.2 | 0.893 | 218.1 | 242.5 | 0.941 | 9.0 | 0.899 |
| **1415** | 257.8 | 28.6 | 1.015 | 217.5 | 241.8 | 0.938 | 9.0 | 0.899 |
| **1416** | 306.2 | 34.0 | 1.205 | 248.6 | 276.4 | 1.073 | 9.0 | 0.899 |
| **1417** | 287.1 | 31.9 | 1.130 | 261.1 | 290.3 | 1.126 | 9.0 | 0.899 |
| **1418** | 243.9 | 27.1 | 0.960 | 235.8 | 262.2 | 1.017 | 9.0 | 0.899 |
| **1419** | 269.1 | 29.9 | 1.059 | 236.8 | 263.4 | 1.022 | 9.0 | 0.899 |
| **1420** | 327.1 | 36.3 | 1.288 | 206.5 | 229.6 | 0.891 | 9.0 | 0.899 |
| **1421** | 276.5 | 30.7 | 1.088 | 218.1 | 242.5 | 0.941 | 9.0 | 0.899 |
| **1422** | 217.2 | 24.1 | 0.855 | 219.5 | 244.1 | 0.947 | 9.0 | 0.899 |
| **1423** | 234.8 | 26.1 | 0.924 | 207.1 | 230.2 | 0.893 | 9.0 | 0.899 |
| **1424** | 206.6 | 23.0 | 0.813 | 209.8 | 233.3 | 0.905 | 9.0 | 0.899 |
| **1425** | 234.3 | 26.6 | 0.943 | 216.2 | 240.4 | 0.933 | 8.8 | 0.899 |
| **1426** | 241.9 | 27.5 | 0.974 | 194.6 | 216.4 | 0.840 | 8.8 | 0.899 |
| **1427** | 234.3 | 26.6 | 0.943 | 195.9 | 217.9 | 0.845 | 8.8 | 0.899 |
| **1428** | 189.9 | 21.6 | 0.764 | 219.6 | 244.2 | 0.948 | 8.8 | 0.899 |
| **1429** | 188.1 | 21.4 | 0.757 | 261.6 | 290.9 | 1.129 | 8.8 | 0.899 |
| **1430** | 212.5 | 24.1 | 0.855 | 269.5 | 299.7 | 1.163 | 8.8 | 0.899 |
| **1431** | 288.1 | 32.7 | 1.160 | 238.6 | 265.3 | 1.030 | 8.8 | 0.899 |
| **1432** | 312.5 | 35.5 | 1.258 | 210.0 | 233.6 | 0.906 | 8.8 | 0.899 |
| **1433** | 238.0 | 27.0 | 0.958 | 248.0 | 275.8 | 1.070 | 8.8 | 0.899 |
| **1434** | 228.5 | 26.0 | 0.920 | 227.1 | 252.5 | 0.980 | 8.8 | 0.899 |
| **1435** | 250.9 | 28.5 | 1.010 | 208.0 | 231.3 | 0.898 | 8.8 | 0.899 |
| **1436** | 301.4 | 34.3 | 1.213 | 219.6 | 244.2 | 0.947 | 8.8 | 0.899 |
| **1437** | 259.1 | 29.4 | 1.043 | 235.5 | 261.8 | 1.016 | 8.8 | 0.899 |
| **1438** | 245.4 | 27.9 | 0.988 | 298.0 | 331.4 | 1.286 | 8.8 | 0.899 |

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|---|---|---|---|---|---|---|---|---|
| **1439** | 309.2 | 35.1 | 1.245 | 331.6 | 368.8 | 1.431 | 8.8 | 0.899 |
| **1440** | 290.3 | 36.3 | 1.285 | 230.4 | 256.2 | 0.994 | 8.0 | 0.899 |
| **1441** | 186.1 | 23.3 | 0.824 | 193.5 | 215.1 | 0.835 | 8.0 | 0.899 |
| **1442** | 339.5 | 42.4 | 1.503 | 212.8 | 236.6 | 0.918 | 8.0 | 0.899 |
| **1443** | 208.7 | 26.1 | 0.924 | 199.7 | 222.0 | 0.862 | 8.0 | 0.899 |
| **1444** | 229.6 | 28.7 | 1.017 | 192.4 | 214.0 | 0.830 | 8.0 | 0.899 |
| **1445** | 206.0 | 25.8 | 0.912 | 192.8 | 214.4 | 0.832 | 8.0 | 0.899 |
| **1446** | 205.8 | 25.7 | 0.911 | 218.6 | 243.1 | 0.943 | 8.0 | 0.899 |
| **1447** | 234.3 | 29.3 | 1.038 | 239.0 | 265.8 | 1.031 | 8.0 | 0.899 |
| **1448** | 242.2 | 30.3 | 1.072 | 223.2 | 248.2 | 0.963 | 8.0 | 0.899 |
| **1449** | 155.3 | 19.4 | 0.688 | 229.4 | 255.1 | 0.990 | 8.0 | 0.899 |
| **1450** | 223.7 | 28.0 | 0.990 | 230.2 | 255.9 | 0.993 | 8.0 | 0.899 |
| **1451** | 159.5 | 19.9 | 0.706 | 239.3 | 266.1 | 1.033 | 8.0 | 0.899 |
| **1452** | 231.4 | 28.9 | 1.025 | 222.2 | 247.1 | 0.959 | 8.0 | 0.899 |
| **1453** | 226.1 | 28.3 | 1.001 | 235.8 | 262.2 | 1.017 | 8.0 | 0.899 |
| **1454** | 231.9 | 29.0 | 1.027 | 213.4 | 237.4 | 0.921 | 8.0 | 0.899 |
| **1455** | 251.5 | 31.4 | 1.114 | 205.6 | 228.7 | 0.887 | 8.0 | 0.899 |
| **1456** | 289.4 | 36.2 | 1.282 | 211.3 | 235.0 | 0.912 | 8.0 | 0.899 |
| **1457** | 289.7 | 36.2 | 1.283 | 208.4 | 231.8 | 0.899 | 8.0 | 0.899 |
| **1458** | 239.5 | 29.9 | 1.060 | 228.1 | 253.6 | 0.984 | 8.0 | 0.899 |
| **1459** | 198.4 | 24.8 | 0.879 | 223.5 | 248.5 | 0.964 | 8.0 | 0.899 |
| **1460** | 186.9 | 23.4 | 0.828 | 227.9 | 253.4 | 0.983 | 8.0 | 0.899 |
| **1461** | 176.0 | 23.2 | 0.821 | 251.0 | 279.1 | 1.083 | 7.6 | 0.899 |
| **1462** | 176.4 | 23.2 | 0.822 | 237.4 | 264.0 | 1.024 | 7.6 | 0.899 |
| **1463** | 212.3 | 27.9 | 0.990 | 207.0 | 230.2 | 0.893 | 7.6 | 0.899 |
| **1464** | 259.6 | 34.2 | 1.210 | 192.5 | 214.0 | 0.831 | 7.6 | 0.899 |
| **1465** | 284.9 | 37.5 | 1.328 | 178.4 | 248.0 | 0.962 | 7.6 | 0.719 |
| **1466** | 247.2 | 32.5 | 1.152 | 174.2 | 242.3 | 0.940 | 7.6 | 0.719 |
| **1467** | 220.5 | 32.0 | 1.132 | 185.9 | 258.5 | 1.003 | 6.9 | 0.719 |
| **1468** | 209.5 | 30.4 | 1.075 | 190.6 | 265.0 | 1.028 | 6.9 | 0.719 |
| **1469** | 206.7 | 30.0 | 1.061 | 191.8 | 266.8 | 1.035 | 6.9 | 0.719 |
| **1470** | 189.5 | 27.5 | 0.973 | 196.6 | 273.5 | 1.061 | 6.9 | 0.719 |
| **1471** | 194.6 | 28.2 | 0.999 | 210.5 | 292.8 | 1.136 | 6.9 | 0.719 |
| **1472** | 205.5 | 29.8 | 1.055 | 188.7 | 262.4 | 1.018 | 6.9 | 0.719 |
| **1473** | 256.4 | 37.2 | 1.316 | 177.4 | 246.6 | 0.957 | 6.9 | 0.719 |
| **1474** | 256.2 | 37.1 | 1.315 | 173.6 | 241.4 | 0.937 | 6.9 | 0.719 |
| **1475** | 247.7 | 35.9 | 1.272 | 167.9 | 233.5 | 0.906 | 6.9 | 0.719 |
| **1476** | 252.4 | 36.6 | 1.296 | 176.9 | 245.9 | 0.954 | 6.9 | 0.719 |
| **1477** | 245.8 | 35.6 | 1.262 | 177.3 | 246.5 | 0.957 | 6.9 | 0.719 |
| **1478** | 204.4 | 29.6 | 1.049 | 203.7 | 283.3 | 1.099 | 6.9 | 0.719 |
| **1479** | 205.1 | 29.7 | 1.053 | 201.1 | 279.6 | 1.085 | 6.9 | 0.719 |
| **1480** | 199.3 | 28.9 | 1.023 | 189.2 | 263.1 | 1.021 | 6.9 | 0.719 |
| **1481** | 190.1 | 28.8 | 1.020 | 196.4 | 273.1 | 1.060 | 6.6 | 0.719 |
| **1482** | 250.7 | 38.0 | 1.345 | 221.4 | 307.8 | 1.194 | 6.6 | 0.719 |
| **1483** | 291.9 | 44.2 | 1.567 | 245.7 | 341.7 | 1.326 | 6.6 | 0.719 |
| **1484** | 239.0 | 36.2 | 1.283 | 206.9 | 287.7 | 1.116 | 6.6 | 0.719 |
| **1485** | 195.4 | 29.6 | 1.049 | 175.5 | 244.1 | 0.947 | 6.6 | 0.719 |
| **1486** | 222.9 | 33.8 | 1.196 | 179.6 | 249.7 | 0.969 | 6.6 | 0.719 |
| **1487** | 223.6 | 33.9 | 1.200 | 202.3 | 281.4 | 1.092 | 6.6 | 0.719 |
| **1488** | 226.7 | 34.3 | 1.217 | 181.4 | 252.3 | 0.979 | 6.6 | 0.719 |
| **1489** | 200.6 | 30.4 | 1.076 | 190.1 | 264.3 | 1.026 | 6.6 | 0.719 |
| **1490** | 210.9 | 31.9 | 1.132 | 186.9 | 259.9 | 1.009 | 6.6 | 0.719 |
| **1491** | 193.6 | 29.3 | 1.039 | 194.6 | 270.6 | 1.050 | 6.6 | 0.719 |
| **1492** | 187.1 | 28.4 | 1.004 | 186.6 | 259.5 | 1.007 | 6.6 | 0.719 |
| **1493** | 199.3 | 30.2 | 1.070 | 173.3 | 241.0 | 0.935 | 6.6 | 0.719 |
| **1494** | 261.9 | 39.7 | 1.405 | 186.1 | 258.8 | 1.004 | 6.6 | 0.719 |
| **1495** | 242.5 | 36.7 | 1.301 | 171.5 | 238.5 | 0.926 | 6.6 | 0.719 |
| **1496** | 350.6 | 53.1 | 1.882 | 167.3 | 232.7 | 0.903 | 6.6 | 0.719 |
| **1497** | 327.1 | 49.6 | 1.756 | 200.4 | 278.7 | 1.081 | 6.6 | 0.719 |
| **1498** | 248.0 | 37.6 | 1.331 | 197.3 | 274.4 | 1.065 | 6.6 | 0.719 |
| **1499** | 250.0 | 37.9 | 1.342 | 185.0 | 257.3 | 0.998 | 6.6 | 0.719 |

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|---|---|---|---|---|---|---|---|---|
| **1500** | 268.6 | 40.7 | 1.442 | 180.9 | 251.5 | 0.976 | 6.6 | 0.719 |
| **1501** | 273.9 | 41.5 | 1.470 | 216.5 | 301.0 | 1.168 | 6.6 | 0.719 |
| **1502** | 294.5 | 44.6 | 1.581 | 210.1 | 292.2 | 1.134 | 6.6 | 0.719 |
| **1503** | 252.4 | 46.7 | 1.656 | 199.5 | 277.4 | 1.076 | 5.4 | 0.719 |
| **1504** | 309.8 | 57.4 | 2.032 | 202.8 | 282.0 | 1.094 | 5.4 | 0.719 |
| **1505** | 244.8 | 45.3 | 1.606 | 190.0 | 264.2 | 1.025 | 5.4 | 0.719 |
| **1506** | 189.1 | 35.0 | 1.240 | 195.3 | 271.5 | 1.054 | 5.4 | 0.719 |
| **1507** | 225.4 | 41.7 | 1.478 | 187.9 | 261.3 | 1.014 | 5.4 | 0.719 |
| **1508** | 202.2 | 37.4 | 1.327 | 184.3 | 256.3 | 0.995 | 5.4 | 0.719 |
| **1509** | 200.6 | 37.1 | 1.316 | 161.9 | 225.1 | 0.873 | 5.4 | 0.719 |
| **1510** | 194.7 | 36.1 | 1.277 | 155.7 | 216.6 | 0.840 | 5.4 | 0.719 |
| **1511** | 235.5 | 43.6 | 1.545 | 155.4 | 216.1 | 0.838 | 5.4 | 0.719 |
| **1512** | 225.3 | 41.7 | 1.478 | 195.9 | 272.4 | 1.057 | 5.4 | 0.719 |
| **1513** | 210.1 | 38.9 | 1.378 | 213.5 | 297.0 | 1.152 | 5.4 | 0.719 |
| **1514** | 228.1 | 42.2 | 1.496 | 183.9 | 255.8 | 0.993 | 5.4 | 0.719 |
| **1515** | 246.1 | 45.6 | 1.614 | 181.9 | 253.0 | 0.982 | 5.4 | 0.719 |
| **1516** | 242.0 | 44.8 | 1.587 | 190.5 | 264.9 | 1.028 | 5.4 | 0.719 |
| **1517** | 209.4 | 38.8 | 1.374 | 171.7 | 238.7 | 0.926 | 5.4 | 0.719 |
| **1518** | 204.8 | 37.9 | 1.343 | 192.6 | 267.8 | 1.039 | 5.4 | 0.719 |
| **1519** | 224.2 | 41.5 | 1.471 | 185.6 | 258.1 | 1.002 | 5.4 | 0.719 |
| **1520** | 226.7 | 42.0 | 1.487 | 216.2 | 300.7 | 1.167 | 5.4 | 0.719 |
| **1521** | 248.8 | 46.1 | 1.632 | 224.1 | 311.7 | 1.209 | 5.4 | 0.719 |
| **1522** | 257.6 | 47.7 | 1.690 | 211.2 | 293.8 | 1.140 | 5.4 | 0.719 |
| **1523** | 267.0 | 49.4 | 1.752 | 198.1 | 275.5 | 1.069 | 5.4 | 0.719 |
| **1524** | 220.1 | 40.8 | 1.444 | 179.3 | 280.5 | 1.088 | 5.4 | 0.639 |
| **1525** | 224.9 | 41.7 | 1.475 | 163.2 | 255.3 | 0.991 | 5.4 | 0.639 |
| **1526** | 301.0 | 55.7 | 1.975 | 171.6 | 268.4 | 1.042 | 5.4 | 0.639 |
| **1527** | 377.5 | 69.9 | 2.476 | 205.8 | 321.8 | 1.249 | 5.4 | 0.639 |
| **1528** | 423.1 | 78.3 | 2.775 | 249.5 | 390.2 | 1.514 | 5.4 | 0.639 |
| **1529** | 318.7 | 59.0 | 2.091 | 214.8 | 335.9 | 1.303 | 5.4 | 0.639 |
| **1530** | 455.5 | 87.6 | 3.103 | 218.2 | 341.3 | 1.325 | 5.2 | 0.639 |
| **1531** | 419.7 | 85.6 | 3.034 | 219.4 | 343.2 | 1.332 | 4.9 | 0.639 |
| **1532** | 340.3 | 69.4 | 2.460 | 214.6 | 335.6 | 1.302 | 4.9 | 0.639 |
| **1533** | 380.9 | 77.7 | 2.754 | 218.0 | 341.0 | 1.323 | 4.9 | 0.639 |
| **1534** | 224.2 | 45.8 | 1.621 | 198.2 | 310.0 | 1.203 | 4.9 | 0.639 |
| **1535** | 200.1 | 40.8 | 1.447 | 222.1 | 347.5 | 1.348 | 4.9 | 0.639 |
| **1536** | 207.5 | 42.3 | 1.500 | 215.8 | 337.6 | 1.310 | 4.9 | 0.639 |
| **1537** | 201.2 | 41.1 | 1.454 | 200.0 | 312.9 | 1.214 | 4.9 | 0.639 |
| **1538** | 287.4 | 58.6 | 2.078 | 181.3 | 283.6 | 1.100 | 4.9 | 0.639 |
| **1539** | 416.4 | 85.0 | 3.010 | 194.2 | 303.8 | 1.179 | 4.9 | 0.639 |
| **1540** | 353.1 | 72.1 | 2.553 | 188.3 | 294.5 | 1.143 | 4.9 | 0.639 |
| **1541** | 245.5 | 50.1 | 1.775 | 208.9 | 326.8 | 1.268 | 4.9 | 0.639 |
| **1542** | 230.1 | 47.0 | 1.664 | 185.0 | 389.5 | 1.512 | 4.9 | 0.475 |
| **1543** | 250.0 | 51.0 | 1.807 | 192.4 | 405.0 | 1.571 | 4.9 | 0.475 |
| **1544** | 260.2 | 53.1 | 1.881 | 221.2 | 465.7 | 1.807 | 4.9 | 0.475 |
| **1545** | 274.6 | 56.0 | 1.985 | 209.6 | 441.3 | 1.712 | 4.9 | 0,324 |
| **1546** | 214.4 | 43.7 | 1.550 | 229.4 | 483.0 | 1.874 | 4.9 | 0,216 |
| **1547** | 294.1 | 60.0 | 2.126 | 169.7 | 357.3 | 1.386 | 4.9 | 0,216 |
| **1548** | 330.9 | 67.5 | 2.392 | 172.2 | 362.6 | 1.407 | 4.9 | 0,216 |
| **1549** | 287.1 | 58.6 | 2.076 | 199.9 | 420.8 | 1.633 | 4.9 | 0,216 |
| **1550** | 345.1 | 70.4 | 2.495 | 228.4 | 480.8 | 1.866 | 4.9 | 0,216 |
| **1551** | 281.5 | 57.4 | 2.035 | 213.0 | 448.4 | 1.740 | 4.9 | 0,108 |
| **1552** | 254.6 | 52.0 | 1.841 | 247.8 | 516.9 | 2.006 | 4.9 | 0.480 |
| **1553** | 279.9 | 57.1 | 2.024 | 228.9 | 477.4 | 1.852 | 4.9 | 0.480 |
| **1554** | 426.6 | 87.1 | 3.084 | 239.6 | 499.7 | 1.939 | 4.9 | 0.480 |
| **1555** | 429.2 | 95.4 | 3.379 | 275.7 | 575.1 | 2.231 | 4.5 | 0.480 |
| **1556** | 340.6 | 75.7 | 2.681 | 312.7 | 652.1 | 2.530 | 4.5 | 0.480 |
| **1557** | 366.7 | 81.5 | 2.887 | 309.7 | 645.9 | 2.506 | 4.5 | 0.480 |
| **1558** | 354.9 | 78.9 | 2.794 | 228.5 | 476.5 | 1.849 | 4.5 | 0.480 |
| **1559** | 374.8 | 83.3 | 2.951 | 241.5 | 503.6 | 1.954 | 4.5 | 0.480 |
| **1560** | 317.1 | 70.5 | 2.497 | 242.9 | 506.6 | 1.966 | 4.5 | 0.480 |

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|---|---|---|---|---|---|---|---|---|
| **1561** | 327.6 | 72.8 | 2.579 | 256.1 | 534.2 | 2.073 | 4.5 | 0.480 |
| **1562** | 434.6 | 96.6 | 3.421 | 268.1 | 559.1 | 2.170 | 4.5 | 0.480 |
| **1563** | 274.6 | 61.0 | 2.162 | 271.3 | 565.8 | 2.196 | 4.5 | 0.480 |
| **1564** | 351.2 | 78.0 | 2.764 | 276.5 | 576.7 | 2.238 | 4.5 | 0.480 |
| **1565** | 354.7 | 78.8 | 2.792 | 253.4 | 528.5 | 2.051 | 4.5 | 0.480 |
| **1566** | 348.5 | 77.4 | 2.744 | 257.7 | 537.4 | 2.085 | 4.5 | 0.480 |
| **1567** | 298.2 | 66.3 | 2.348 | 249.5 | 520.2 | 2.019 | 4.5 | 0.480 |
| **1568** | 330.0 | 73.3 | 2.598 | 231.7 | 483.3 | 1.875 | 4.5 | 0.480 |
| **1569** | 452.5 | 100.6 | 3.562 | 237.7 | 495.8 | 1.924 | 4.5 | 0.480 |
| **1570** | 359.2 | 79.8 | 2.827 | 233.2 | 486.4 | 1.887 | 4.5 | 0.480 |
| **1571** | 407.9 | 90.7 | 3.211 | 221.9 | 462.7 | 1.795 | 4.5 | 0.480 |
| **1572** | 406.8 | 90.4 | 3.203 | 244.5 | 509.8 | 1.978 | 4.5 | 0.480 |
| **1573** | 330.2 | 73.4 | 2.599 | 285.9 | 596.3 | 2.314 | 4.5 | 0.480 |
| **1574** | 341.6 | 75.9 | 2.689 | 302.7 | 631.2 | 2.449 | 4.5 | 0.480 |
| **1575** | 373.3 | 83.0 | 2.939 | 275.6 | 574.7 | 2.230 | 4.5 | 0.480 |
| **1576** | 355.0 | 78.9 | 2.794 | 290.7 | 606.2 | 2.352 | 4.5 | 0.480 |
| **1577** | 355.7 | 79.1 | 2.800 | 298.1 | 621.6 | 2.412 | 4.5 | 0.480 |
| **1578** | 388.8 | 86.4 | 3.061 | 287.4 | 599.4 | 2.326 | 4.5 | 0.480 |
| **1579** | 458.1 | 101.8 | 3.606 | 292.3 | 609.5 | 2.365 | 4.5 | 0.480 |
| **1580** | 408.9 | 90.9 | 3.219 | 289.6 | 603.9 | 2.343 | 4.5 | 0.480 |
| **1581** | 403.6 | 89.7 | 3.177 | 313.7 | 654.2 | 2.539 | 4.5 | 0.480 |
| **1582** | 407.9 | 90.6 | 3.211 | 302.9 | 631.7 | 2.451 | 4.5 | 0.480 |
| **1583** | 376.0 | 83.5 | 2.960 | 314.5 | 656.0 | 2.545 | 4.5 | 0.480 |
| **1584** | 400.5 | 89.0 | 3.153 | 278.9 | 581.7 | 2.257 | 4.5 | 0.480 |
| **1585** | 419.1 | 93.1 | 3.299 | 302.8 | 631.4 | 2.450 | 4.5 | 0.480 |
| **1586** | 446.2 | 99.2 | 3.512 | 368.0 | 767.5 | 2.978 | 4.5 | 0.480 |
| **1587** | 401.0 | 89.1 | 3.157 | 360.9 | 752.7 | 2.921 | 4.5 | 0.480 |
| **1588** | 410.9 | 91.3 | 3.235 | 281.6 | 587.3 | 2.279 | 4.5 | 0.480 |
| **1589** | 429.0 | 95.3 | 3.377 | 281.4 | 586.8 | 2.277 | 4.5 | 0.480 |
| **1590** | 495.0 | 110.0 | 3.896 | 360.1 | 751.0 | 2.914 | 4.5 | 0.480 |
| **1591** | 565.8 | 125.7 | 4.454 | 334.5 | 697.6 | 2.707 | 4.5 | 0.480 |
| **1592** | 541.0 | 120.2 | 4.259 | 293.8 | 612.8 | 2.378 | 4.5 | 0.480 |
| **1593** | 442.7 | 98.4 | 3.485 | 301.8 | 629.5 | 2.443 | 4.5 | 0.480 |
| **1594** | 471.4 | 104.8 | 3.711 | 366.4 | 764.1 | 2.965 | 4.5 | 0.480 |
| **1595** | 487.5 | 108.3 | 3.838 | 442.8 | 923.4 | 3.583 | 4.5 | 0.480 |
| **1596** | 626.4 | 139.2 | 4.931 | 474.3 | 989.2 | 3.839 | 4.5 | 0.480 |
| **1597** | 558.8 | 124.2 | 4.399 | 528.7 | 1102.6 | 4.279 | 4.5 | 0.480 |
| **1598** | 478.4 | 106.3 | 3.766 | 461.1 | 961.5 | 3.731 | 4.5 | 0.480 |
| **1599** | 462.8 | 102.9 | 3.644 | 368.0 | 767.5 | 2.978 | 4.5 | 0.480 |
| **1600** | 473.0 | 105.1 | 3.723 | 395.9 | 825.6 | 3.204 | 4.5 | 0.480 |
| **1601** | 571.6 | 127.0 | 4.500 | 378.5 | 815.5 | 3.164 | 4.5 | 0.464 |
| **1602** | 565.9 | 125.8 | 4.455 | 361.7 | 779.4 | 3.024 | 4.5 | 0.464 |
| **1603** | 473.5 | 105.2 | 3.727 | 349.7 | 753.5 | 2.924 | 4.5 | 0.464 |
| **1604** | 524.2 | 116.5 | 4.127 | 356.3 | 767.8 | 2.979 | 4.5 | 0.464 |
| **1605** | 526.5 | 117.0 | 4.144 | 367.1 | 791.0 | 3.069 | 4.5 | 0.464 |
| **1606** | 595.2 | 132.3 | 4.686 | 375.1 | 808.3 | 3.136 | 4.5 | 0.464 |
| **1607** | 579.5 | 128.8 | 4.562 | 381.6 | 822.2 | 3.190 | 4.5 | 0.464 |
| **1608** | 508.0 | 112.9 | 3.999 | 454.0 | 978.3 | 3.796 | 4.5 | 0.464 |
| **1609** | 489.9 | 108.9 | 3.856 | 471.1 | 1015.1 | 3.939 | 4.5 | 0.464 |
| **1610** | 521.8 | 115.9 | 4.107 | 391.6 | 843.8 | 3.274 | 4.5 | 0.464 |
| **1611** | 535.7 | 119.0 | 4.217 | 423.0 | 911.4 | 3.537 | 4.5 | 0.464 |
| **1612** | 474.5 | 105.5 | 3.736 | 442.3 | 953.0 | 3.698 | 4.5 | 0.464 |
| **1613** | 463.2 | 102.9 | 3.646 | 466.3 | 1004.7 | 3.899 | 4.5 | 0.464 |
| **1614** | 508.5 | 113.0 | 4.003 | 473.6 | 1020.4 | 3.960 | 4.5 | 0.464 |
| **1615** | 505.0 | 112.2 | 3.976 | 431.4 | 929.5 | 3.607 | 4.5 | 0.464 |
| **1616** | 469.6 | 104.4 | 3.697 | 412.9 | 889.6 | 3.452 | 4.5 | 0.464 |
| **1617** | 552.2 | 122.7 | 4.347 | 456.2 | 983.0 | 3.814 | 4.5 | 0.464 |
| **1618** | 542.2 | 120.5 | 4.268 | 457.4 | 985.7 | 3.825 | 4.5 | 0.464 |
| **1619** | 601.5 | 133.7 | 4.735 | 401.7 | 865.5 | 3.359 | 4.5 | 0.464 |
| **1620** | 505.6 | 112.3 | 3.980 | 370.3 | 797.9 | 3.096 | 4.5 | 0.464 |
| **1621** | 515.2 | 114.5 | 4.056 | 399.2 | 860.1 | 3.337 | 5.4 | 0.464 |

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|---|---|---|---|---|---|---|---|---|
| **1622** | 535.9 | 119.1 | 4.219 | 499.9 | 1077.2 | 4.180 | 5.4 | 0.464 |
| **1623** | 546.5 | 121.4 | 4.302 | 463.3 | 998.3 | 3.874 | 5.4 | 0.464 |
| **1624** | 538.6 | 119.7 | 4.240 | 442.5 | 953.4 | 3.699 | 5.4 | 0.464 |
| **1625** | 495.6 | 110.1 | 3.901 | 475.8 | 1025.1 | 3.978 | 5.4 | 0.464 |
| **1626** | 529.1 | 117.6 | 4.165 | 459.6 | 990.4 | 3.843 | 5.4 | 0.464 |
| **1627** | 584.6 | 129.9 | 4.602 | 415.5 | 895.4 | 3.475 | 5.4 | 0.464 |
| **1628** | 635.9 | 141.3 | 5.006 | 411.7 | 887.2 | 3.443 | 5.4 | 0.464 |
| **1629** | 678.5 | 150.8 | 5.341 | 447.3 | 963.8 | 3.740 | 5.4 | 0.464 |
| **1630** | 634.5 | 141.0 | 4.995 | 519.4 | 1119.1 | 4.343 | 5.4 | 0.464 |
| **1631** | 552.1 | 122.7 | 4.346 | 541.8 | 1167.5 | 4.530 | 5.4 | 0.464 |
| **1632** | 473.1 | 105.1 | 3.724 | 500.2 | 1077.9 | 4.183 | 5.4 | 0.464 |
| **1633** | 474.8 | 105.5 | 3.738 | 506.1 | 1090.5 | 4.231 | 5.4 | 0.464 |
| **1634** | 445.3 | 99.0 | 3.505 | 520.4 | 1121.3 | 4.351 | 5.3 | 0.464 |
| **1635** | 586.5 | 130.3 | 4.617 | 497.8 | 1072.6 | 4.162 | 5.3 | 0.464 |
| **1636** | 543.5 | 120.8 | 4.279 | 482.0 | 1038.6 | 4.030 | 5.1 | 0.464 |
| **1637** | 513.4 | 114.1 | 4.041 | 537.6 | 1158.5 | 4.495 | 5.3 | 0.464 |
| **1638** | 458.2 | 101.8 | 3.607 | 536.7 | 1156.5 | 4.488 | 5.3 | 0.464 |
| **1639** | 445.3 | 99.0 | 3.505 | 487.8 | 1051.0 | 4.078 | 5.2 | 0.464 |
| **1640** | 425.7 | 94.6 | 3.351 | 457.4 | 985.6 | 3.825 | 5.2 | 0.464 |
| **1641** | 419.9 | 93.3 | 3.305 | 482.8 | 1040.2 | 4.036 | 5.2 | 0.464 |
| **1642** | 434.8 | 96.6 | 3.423 | 456.7 | 984.1 | 3.819 | 5.1 | 0.464 |
| **1643** | 500.8 | 111.3 | 3.943 | 463.2 | 998.1 | 3.873 | 5.1 | 0.464 |
| **1644** | 496.7 | 110.4 | 3.910 | 464.1 | 1000.0 | 3.880 | 5.1 | 0.464 |
| **1645** | 457.2 | 101.6 | 3.599 | 475.0 | 1023.4 | 3.971 | 5.1 | 0.464 |
| **1646** | 451.6 | 100.4 | 3.555 | 503.6 | 1085.0 | 4.210 | 5.1 | 0.464 |
| **1647** | 516.0 | 114.7 | 4.062 | 613.8 | 1322.5 | 5.132 | 5.1 | 0.464 |
| **1648** | 592.1 | 131.6 | 4.661 | 658.6 | 1419.2 | 5.507 | 5.1 | 0.464 |
| **1649** | 640.5 | 142.3 | 5.042 | 651.2 | 1403.2 | 5.445 | 5.1 | 0.464 |
| **1650** | 617.2 | 137.2 | 4.859 | 626.3 | 1349.6 | 5.237 | 5.1 | 0.464 |
| **1651** | 454.3 | 101.0 | 3.577 | 588.9 | 1268.8 | 4.924 | 5.1 | 0.464 |
| **1652** | 453.7 | 100.8 | 3.572 | 535.0 | 1152.8 | 4.473 | 5.1 | 0.464 |
| **1653** | 460.6 | 102.3 | 3.625 | 448.8 | 967.1 | 3.753 | 5.1 | 0.464 |
| **1654** | 448.8 | 99.7 | 3.533 | 398.1 | 857.8 | 3.328 | 5.1 | 0.464 |
| **1655** | 442.6 | 98.4 | 3.485 | 412.1 | 888.0 | 3.446 | 5.1 | 0.464 |
| **1656** | 469.1 | 104.2 | 3.693 | 485.3 | 1045.7 | 4.058 | 5.1 | 0.464 |
| **1657** | 453.9 | 100.9 | 3.573 | 505.3 | 1088.7 | 4.225 | 5.0 | 0.464 |
| **1658** | 431.2 | 95.8 | 3.394 | 551.2 | 1187.6 | 4.609 | 4.4 | 0.464 |
| **1659** | 428.9 | 95.3 | 3.376 | 573.1 | 1234.9 | 4.792 | 4.4 | 0.464 |
| **1660** | 442.7 | 98.4 | 3.485 | 537.3 | 1157.8 | 4.493 | 4.4 | 0.464 |
| **1661** | 411.9 | 91.5 | 3.242 | 605.2 | 1304.0 | 5.060 | 4.4 | 0.464 |
| **1662** | 405.2 | 90.0 | 3.190 | 588.9 | 1269.0 | 4.924 | 4.4 | 0.464 |
| **1663** | 411.3 | 91.4 | 3.238 | 531.9 | 1146.1 | 4.448 | 4.4 | 0.464 |
| **1664** | 413.4 | 91.9 | 3.254 | 517.4 | 1114.9 | 4.326 | 4.4 | 0.464 |
| **1665** | 399.7 | 88.8 | 3.147 | 485.8 | 1046.7 | 4.062 | 4.4 | 0.464 |
| **1666** | 368.2 | 81.8 | 2.898 | 424.9 | 915.6 | 3.553 | 4.4 | 0.464 |
| **1667** | 363.8 | 80.8 | 2.863 | 429.3 | 925.0 | 3.589 | 4.4 | 0.464 |
| **1668** | 376.5 | 83.7 | 2.964 | 448.5 | 966.4 | 3.750 | 4.4 | 0.464 |
| **1669** | 418.3 | 93.0 | 3.293 | 485.6 | 1046.3 | 4.060 | 4.4 | 0.464 |
| **1670** | 413.6 | 91.9 | 3.256 | 479.4 | 1032.9 | 4.008 | 4.4 | 0.464 |
| **1671** | 391.3 | 87.0 | 3.081 | 520.4 | 1121.4 | 4.352 | 4.4 | 0.464 |
| **1672** | 354.8 | 78.8 | 2.793 | 509.9 | 1098.8 | 4.264 | 4.3 | 0.464 |
| **1673** | 338.5 | 75.2 | 2.665 | 496.3 | 1069.3 | 4.149 | 4.3 | 0.464 |
| **1674** | 342.4 | 76.1 | 2.696 | 570.5 | 1229.2 | 4.770 | 4.1 | 0.464 |
| **1675** | 404.1 | 89.8 | 3.181 | 532.6 | 1147.6 | 4.453 | 4.1 | 0.464 |
| **1676** | 385.6 | 85.7 | 3.036 | 459.2 | 989.4 | 3.839 | 3.9 | 0.464 |
| **1677** | 428.7 | 95.3 | 3.375 | 478.3 | 1030.7 | 3.999 | 3.9 | 0.464 |
| **1678** | 440.8 | 98.0 | 3.470 | 510.0 | 1099.0 | 4.265 | 3.9 | 0.464 |
| **1679** | 392.4 | 87.2 | 3.089 | 510.0 | 1098.9 | 4.264 | 3.9 | 0.464 |
| **1680** | 374.5 | 83.2 | 2.948 | 476.3 | 1026.3 | 3.983 | 3.9 | 0.464 |
| **1681** | 358.4 | 79.6 | 2.821 | 523.6 | 1128.2 | 4.378 | 3.9 | 0.464 |
| **1682** | 352.1 | 78.2 | 2.772 | 507.2 | 1093.0 | 4.241 | 3.9 | 0.464 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **1683** | 343.8 | 76.4 | 2.706 | 490.7 | 1057.3 | 4.103 | 3.9 | 0.464 |
| **1684** | 374.8 | 83.3 | 2.951 | 522.2 | 1125.2 | 4.366 | 3.9 | 0.464 |
| **1685** | 426.4 | 94.8 | 3.357 | 505.3 | 1088.7 | 4.225 | 3.9 | 0.464 |
| **1686** | 396.5 | 88.1 | 3.121 | 472.4 | 1017.8 | 3.949 | 3.9 | 0.464 |
| **1687** | 343.2 | 76.3 | 2.702 | 454.3 | 978.9 | 3.799 | 3.9 | 0.464 |
| **1688** | 354.0 | 78.7 | 2.787 | 430.3 | 927.3 | 3.598 | 3.9 | 0.464 |
| **1689** | 357.5 | 79.4 | 2.814 | 441.8 | 952.0 | 3.694 | 3.9 | 0.464 |
| **1690** | 389.4 | 86.5 | 3.065 | 443.4 | 955.4 | 3.707 | 3.9 | 0.464 |
| **1691** | 383.2 | 85.2 | 3.017 | 451.4 | 972.7 | 3.775 | 3.9 | 0.464 |
| **1692** | 394.5 | 87.7 | 3.106 | 505.5 | 1089.2 | 4.227 | 3.9 | 0.464 |
| **1693** | 406.9 | 90.4 | 3.203 | 559.3 | 1205.1 | 4.676 | 3.9 | 0.464 |
| **1694** | 448.9 | 99.8 | 3.534 | 549.0 | 1183.0 | 4.591 | 3.9 | 0.464 |
| **1695** | 477.5 | 106.1 | 3.759 | 481.1 | 1036.7 | 4.023 | 3.9 | 0.464 |
| **1696** | 474.4 | 105.4 | 3.735 | 533.4 | 1149.3 | 4.460 | 3.9 | 0.464 |
| **1697** | 451.5 | 100.3 | 3.554 | 615.4 | 1326.1 | 5.146 | 3.9 | 0.464 |
| **1698** | 414.5 | 92.1 | 3.263 | 629.8 | 1357.0 | 5.266 | 3.9 | 0.464 |
| **1699** | 402.0 | 89.3 | 3.164 | 570.8 | 1230.0 | 4.773 | 3.9 | 0.464 |
| **1700** | 382.9 | 85.1 | 3.014 | 507.0 | 1092.5 | 4.240 | 3.9 | 0.464 |
| **1701** | 361.9 | 80.4 | 2.849 | 484.1 | 1043.1 | 4.048 | 3.9 | 0.464 |
| **1702** | 385.3 | 85.6 | 3.033 | 456.1 | 982.7 | 3.813 | 3.9 | 0.464 |
| **1703** | 367.0 | 81.6 | 2.889 | 443.7 | 956.0 | 3.710 | 3.9 | 0.464 |
| **1704** | 358.7 | 79.7 | 2.824 | 487.2 | 1049.8 | 4.074 | 3.9 | 0.464 |
| **1705** | 365.6 | 81.2 | 2.878 | 466.8 | 1005.8 | 3.903 | 3.9 | 0.464 |
| **1706** | 382.7 | 85.1 | 3.013 | 460.3 | 991.8 | 3.849 | 3.9 | 0.464 |
| **1707** | 388.4 | 86.3 | 3.057 | 463.6 | 998.8 | 3.876 | 3.9 | 0.464 |
| **1708** | 388.6 | 86.3 | 3.059 | 513.0 | 1105.3 | 4.289 | 3.9 | 0.464 |
| **1709** | 480.3 | 106.7 | 3.781 | 631.7 | 1361.1 | 5.282 | 3.9 | 0.464 |
| **1710** | 424.9 | 94.4 | 3.345 | 626.6 | 1350.2 | 5.239 | 3.9 | 0.464 |
| **1711** | 358.6 | 83.6 | 2.961 | 561.6 | 1210.1 | 4.696 | 3.9 | 0.464 |
| **1712** | 341.5 | 79.6 | 2.820 | 522.9 | 1126.7 | 4.372 | 3.9 | 0.464 |
| **1713** | 347.3 | 81.0 | 2.868 | 540.5 | 1164.6 | 4.519 | 3.9 | 0.464 |
| **1714** | 368.5 | 85.9 | 3.043 | 556.9 | 1200.0 | 4.657 | 3.9 | 0.464 |
| **1715** | 378.9 | 88.3 | 3.128 | 489.0 | 1053.6 | 4.088 | 3.9 | 0.464 |
| **1716** | 354.1 | 82.6 | 2.924 | 502.9 | 1083.6 | 4.205 | 3.9 | 0.464 |
| **1717** | 341.8 | 79.7 | 2.823 | 498.5 | 1074.2 | 4.168 | 3.9 | 0.464 |
| **1718** | 350.5 | 81.7 | 2.894 | 471.4 | 1015.6 | 3.941 | 3.9 | 0.464 |
| **1719** | 318.4 | 74.2 | 2.629 | 465.5 | 1002.9 | 3.892 | 3.9 | 0.464 |
| **1720** | 288.4 | 67.2 | 2.381 | 495.2 | 1067.0 | 4.141 | 3.9 | 0.464 |
| **1721** | 300.7 | 70.1 | 2.483 | 480.5 | 1035.4 | 4.018 | 3.9 | 0.464 |
| **1722** | 297.5 | 69.3 | 2.456 | 467.6 | 1007.6 | 3.910 | 3.9 | 0.464 |
| **1723** | 278.2 | 64.8 | 2.297 | 492.3 | 1060.9 | 4.117 | 3.9 | 0.464 |
| **1724** | 254.7 | 59.4 | 2.103 | 495.4 | 1067.4 | 4.142 | 3.9 | 0.464 |
| **1725** | 292.8 | 68.2 | 2.418 | 524.5 | 1130.2 | 4.386 | 3.9 | 0.464 |
| **1726** | 318.4 | 74.2 | 2.629 | 547.1 | 1178.9 | 4.575 | 3.9 | 0.464 |
| **1727** | 303.3 | 70.7 | 2.504 | 533.6 | 1149.7 | 4.461 | 3.9 | 0.464 |
| **1728** | 300.7 | 70.1 | 2.483 | 591.6 | 1274.7 | 4.946 | 3.9 | 0.464 |
| **1729** | 298.5 | 69.6 | 2.465 | 549.5 | 1184.0 | 4.594 | 3.9 | 0.464 |
| **1730** | 281.4 | 65.6 | 2.323 | 495.2 | 1066.9 | 4.140 | 3.9 | 0.464 |
| **1731** | 300.5 | 71.7 | 2.541 | 474.7 | 1022.8 | 3.969 | 3.8 | 0.464 |
| **1732** | 292.6 | 69.8 | 2.474 | 446.5 | 962.2 | 3.734 | 3.8 | 0.464 |
| **1733** | 360.5 | 86.0 | 3.048 | 456.2 | 983.0 | 3.814 | 3.8 | 0.464 |
| **1734** | 431.7 | 103.0 | 3.650 | 499.1 | 1075.5 | 4.173 | 3.8 | 0.464 |
| **1735** | 404.6 | 96.6 | 3.421 | 529.7 | 1141.4 | 4.429 | 3.8 | 0.464 |
| **1736** | 372.9 | 89.0 | 3.153 | 519.0 | 1118.3 | 4.340 | 3.8 | 0.464 |
| **1737** | 316.0 | 75.4 | 2.671 | 498.0 | 1073.1 | 4.164 | 3.8 | 0.464 |
| **1738** | 327.6 | 78.2 | 2.770 | 486.1 | 1047.5 | 4.065 | 3.8 | 0.464 |
| **1739** | 332.2 | 79.3 | 2.809 | 485.0 | 1045.1 | 4.055 | 3.8 | 0.464 |
| **1740** | 349.5 | 83.4 | 2.955 | 560.0 | 1206.7 | 4.683 | 3.8 | 0.464 |
| **1741** | 365.1 | 93.6 | 3.316 | 545.4 | 1175.1 | 4.560 | 3.7 | 0.464 |
| **1742** | 352.2 | 90.3 | 3.199 | 499.8 | 1077.0 | 4.179 | 3.7 | 0.464 |
| **1743** | 363.7 | 93.2 | 3.303 | 470.5 | 1013.8 | 3.934 | 3.7 | 0.464 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **1744** | 342.9 | 87.9 | 3.114 | 459.2 | 989.6 | 3.840 | 3.7 | 0.464 |
| **1745** | 350.5 | 89.9 | 3.184 | 488.3 | 1052.2 | 4.083 | 3.7 | 0.464 |
| **1746** | 406.8 | 104.3 | 3.695 | 501.8 | 1081.2 | 4.196 | 3.7 | 0.464 |
| **1747** | 445.1 | 114.1 | 4.043 | 483.5 | 1041.8 | 4.043 | 3.7 | 0.464 |
| **1748** | 441.5 | 113.2 | 4.010 | 503.8 | 1085.4 | 4.212 | 3.7 | 0.464 |
| **1749** | 400.2 | 102.6 | 3.635 | 497.7 | 1072.3 | 4.161 | 3.7 | 0.464 |
| **1750** | 439.1 | 112.6 | 3.989 | 492.9 | 1062.0 | 4.121 | 3.7 | 0.464 |
| **1751** | 432.5 | 110.9 | 3.928 | 524.8 | 1130.8 | 4.388 | 3.6 | 0.464 |
| **1752** | 391.6 | 100.4 | 3.557 | 522.9 | 1126.6 | 4.372 | 3.6 | 0.464 |
| **1753** | 334.2 | 85.7 | 3.036 | 520.1 | 1120.6 | 4.349 | 3.6 | 0.464 |
| **1754** | 332.5 | 85.2 | 3.020 | 485.2 | 1045.5 | 4.057 | 3.6 | 0.464 |
| **1755** | 360.5 | 92.4 | 3.275 | 508.3 | 1095.3 | 4.250 | 3.6 | 0.464 |
| **1756** | 380.0 | 97.4 | 3.452 | 601.1 | 1295.2 | 5.026 | 3.6 | 0.464 |
| **1757** | 389.7 | 99.9 | 3.540 | 593.5 | 1278.8 | 4.962 | 3.6 | 0.464 |
| **1758** | 372.7 | 95.6 | 3.385 | 515.7 | 1111.1 | 4.312 | 3.6 | 0.464 |
| **1759** | 375.7 | 96.3 | 3.413 | 483.1 | 1041.0 | 4.040 | 3.6 | 0.464 |
| **1760** | 342.7 | 87.9 | 3.113 | 482.6 | 1039.8 | 4.035 | 3.6 | 0.464 |
| **1761** | 329.3 | 84.4 | 2.991 | 477.2 | 1028.3 | 3.990 | 3.6 | 0.464 |
| **1762** | 317.8 | 81.5 | 2.887 | 517.8 | 1115.7 | 4.329 | 3.6 | 0.464 |
| **1763** | 334.8 | 85.8 | 3.041 | 539.5 | 1162.5 | 4.511 | 3.6 | 0.464 |
| **1764** | 365.7 | 93.8 | 3.321 | 558.8 | 1204.0 | 4.672 | 3.6 | 0.464 |
| **1765** | 389.6 | 99.9 | 3.538 | 562.9 | 1212.8 | 4.706 | 3.6 | 0.464 |
| **1766** | 435.3 | 111.6 | 3.954 | 610.5 | 1315.5 | 5.105 | 3.6 | 0.464 |
| **1767** | 443.9 | 113.8 | 4.032 | 615.4 | 1326.1 | 5.146 | 3.6 | 0.464 |
| **1768** | 421.8 | 108.1 | 3.831 | 565.9 | 1219.4 | 4.732 | 3.6 | 0.464 |
| **1769** | 399.3 | 102.4 | 3.627 | 538.0 | 1159.2 | 4.498 | 3.6 | 0.464 |
| **1770** | 425.4 | 109.1 | 3.864 | 575.0 | 1239.0 | 4.808 | 3.6 | 0.464 |
| **1771** | 449.2 | 115.2 | 4.080 | 625.3 | 1347.4 | 5.229 | 3.6 | 0.464 |
| **1772** | 497.5 | 127.6 | 4.519 | 658.1 | 1418.1 | 5.503 | 3.6 | 0.464 |
| **1773** | 494.5 | 126.8 | 4.492 | 642.5 | 1384.5 | 5.372 | 3.6 | 0.464 |
| **1774** | 528.1 | 135.4 | 4.797 | 682.6 | 1470.8 | 5.707 | 3.6 | 0.464 |
| **1775** | 549.4 | 140.9 | 4.990 | 594.4 | 1280.8 | 4.970 | 3.6 | 0.464 |
| **1776** | 444.8 | 114.1 | 4.040 | 598.3 | 1289.2 | 5.003 | 3.6 | 0.464 |
| **1777** | 499.7 | 128.1 | 4.539 | 611.1 | 1316.8 | 5.110 | 3.6 | 0.464 |
| **1778** | 584.1 | 149.8 | 5.305 | 568.9 | 1225.9 | 4.757 | 3.6 | 0.464 |
| **1779** | 489.2 | 125.4 | 4.444 | 565.7 | 1218.9 | 4.730 | 3.6 | 0.464 |
| **1780** | 428.3 | 109.8 | 3.890 | 615.1 | 1325.3 | 5.143 | 3.6 | 0.464 |
| **1781** | 449.6 | 117.1 | 4.148 | 593.8 | 1279.4 | 4.965 | 3.5 | 0.464 |
| **1782** | 497.2 | 129.5 | 4.587 | 611.3 | 1317.2 | 5.111 | 3.5 | 0.464 |
| **1783** | 518.0 | 134.9 | 4.778 | 625.2 | 1347.2 | 5.228 | 3.5 | 0.464 |
| **1784** | 501.3 | 130.5 | 4.624 | 625.2 | 1347.2 | 5.228 | 3.5 | 0.464 |
| **1785** | 466.5 | 121.5 | 4.303 | 607.9 | 1310.0 | 5.083 | 3.5 | 0.464 |
| **1786** | 445.7 | 116.1 | 4.111 | 592.7 | 1277.1 | 4.956 | 3.5 | 0.464 |
| **1787** | 498.0 | 129.7 | 4.594 | 624.4 | 1345.4 | 5.221 | 3.5 | 0.464 |
| **1788** | 456.0 | 118.8 | 4.207 | 627.4 | 1351.9 | 5.246 | 3.5 | 0.464 |
| **1789** | 454.1 | 118.3 | 4.189 | 660.0 | 1422.1 | 5.518 | 3.5 | 0.464 |
| **1790** | 479.4 | 124.8 | 4.423 | 657.3 | 1416.3 | 5.496 | 3.5 | 0.464 |
| **1791** | 421.3 | 110.9 | 3.928 | 616.2 | 1327.6 | 5.152 | 3.5 | 0.464 |
| **1792** | 459.1 | 120.8 | 4.280 | 645.2 | 1390.2 | 5.395 | 3.5 | 0.464 |
| **1793** | 539.1 | 141.9 | 5.026 | 672.3 | 1448.7 | 5.621 | 3.5 | 0.464 |
| **1794** | 529.1 | 139.2 | 4.932 | 732.6 | 1578.5 | 6.125 | 3.5 | 0.464 |
| **1795** | 555.7 | 146.2 | 5.180 | 862.9 | 1859.3 | 7.215 | 3.5 | 0.464 |
| **1796** | 576.5 | 151.7 | 5.375 | 739.3 | 1593.1 | 6.182 | 3.5 | 0.464 |
| **1797** | 573.6 | 150.9 | 5.347 | 759.1 | 1635.8 | 6.347 | 3.5 | 0.464 |
| **1798** | 588.8 | 155.0 | 5.489 | 729.8 | 1572.5 | 6.102 | 3.5 | 0.464 |
| **1799** | 659.1 | 173.5 | 6.145 | 921.2 | 1985.0 | 7.703 | 3.5 | 0.464 |
| **1800** | 889.4 | 234.0 | 8.291 | 1086.3 | 2340.7 | 9.083 | 3.5 | 0.464 |
| **1801** | 913.4 | 240.4 | 8.515 | 929.4 | 2002.7 | 7.771 | 3.5 | 0.464 |
| **1802** | 728.5 | 191.7 | 6.791 | 811.8 | 1749.3 | 6.788 | 3.5 | 0.464 |
| **1803** | 659.2 | 173.5 | 6.145 | 768.8 | 1656.6 | 6.428 | 3.5 | 0.464 |
| **1804** | 607.0 | 159.7 | 5.659 | 934.4 | 2013.3 | 7.813 | 3.5 | 0.464 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **1805** | 626.5 | 164.9 | 5.841 | 895.9 | 1930.4 | 7.491 | 3.5 | 0.464 |
| **1806** | 648.1 | 170.5 | 6.042 | 912.0 | 1965.0 | 7.625 | 3.5 | 0.464 |
| **1807** | 588.3 | 154.8 | 5.484 | 893.2 | 1924.6 | 7.468 | 3.5 | 0.464 |
| **1808** | 546.2 | 143.7 | 5.092 | 952.5 | 2052.3 | 7.964 | 3.5 | 0.464 |
| **1809** | 540.0 | 142.1 | 5.034 | 1029.8 | 2219.0 | 8.610 | 3.5 | 0.464 |
| **1810** | 697.5 | 183.6 | 6.503 | 995.4 | 2144.8 | 8.323 | 3.5 | 0.464 |
| **1811** | 827.6 | 217.8 | 7.715 | 1061.6 | 2287.4 | 8.876 | 3.5 | 0.464 |
| **1812** | 759.6 | 199.9 | 7.081 | 1077.2 | 2321.1 | 9.007 | 3.5 | 0.464 |
| **1813** | 672.4 | 176.9 | 6.268 | 938.2 | 2021.5 | 7.844 | 3.5 | 0.464 |
| **1814** | 683.4 | 179.8 | 6.371 | 899.5 | 1938.2 | 7.521 | 3.5 | 0.464 |
| **1815** | 828.7 | 218.1 | 7.725 | 836.0 | 1801.4 | 6.990 | 3.5 | 0.464 |
| **1816** | 892.9 | 235.0 | 8.324 | 1061.9 | 2436.2 | 9.453 | 3.5 | 0.436 |
| **1817** | 855.9 | 225.2 | 7.979 | 1002.3 | 2212.5 | 8.585 | 3.5 | 0.453 |
| **1818** | 611.7 | 161.0 | 5.702 | 955.1 | 2171.4 | 8.426 | 3.5 | 0.440 |
| **1819** | 533.1 | 140.3 | 4.970 | 932.4 | 2051.7 | 7.961 | 3.5 | 0.454 |
| **1820** | 561.5 | 147.8 | 5.235 | 910.0 | 1912.3 | 7.420 | 3.5 | 0.476 |
| **1821** | 605.9 | 159.4 | 5.648 | 827.8 | 1697.7 | 6.588 | 3.5 | 0.488 |
| **1822** | 558.3 | 146.9 | 5.205 | 711.5 | 1468.5 | 5.699 | 3.5 | 0.485 |
| **1823** | 552.1 | 145.3 | 5.147 | 786.2 | 1614.3 | 6.264 | 3.5 | 0.487 |
| **1824** | 506.4 | 133.3 | 4.720 | 849.2 | 1762.2 | 6.838 | 3.5 | 0.482 |
| **1825** | 542.1 | 142.6 | 5.053 | 885.3 | 1871.3 | 7.261 | 3.5 | 0.473 |
| **1826** | 509.5 | 134.1 | 4.749 | 876.6 | 1820.6 | 7.065 | 3.5 | 0.481 |
| **1827** | 580.3 | 152.7 | 5.409 | 825.4 | 1714.4 | 6.653 | 3.5 | 0.481 |
| **1828** | 632.5 | 166.4 | 5.896 | 791.0 | 1642.9 | 6.375 | 3.5 | 0.481 |
| **1829** | 640.0 | 168.4 | 5.966 | 823.1 | 1701.5 | 6.603 | 3.5 | 0.484 |
| **1830** | 611.7 | 161.0 | 5.703 | 805.5 | 1659.1 | 6.438 | 3.5 | 0.486 |
| **1831** | 606.6 | 159.6 | 5.654 | 813.8 | 1676.0 | 6.504 | 3.5 | 0.486 |
| **1832** | 584.4 | 153.8 | 5.448 | 788.3 | 1623.7 | 6.301 | 3.5 | 0.486 |
| **1833** | 574.1 | 151.1 | 5.352 | 761.2 | 1566.2 | 6.078 | 3.5 | 0.486 |
| **1834** | 543.4 | 143.0 | 5.066 | 730.3 | 1521.6 | 5.904 | 3.5 | 0.480 |
| **1835** | 528.6 | 139.1 | 4.927 | 710.8 | 1474.8 | 5.723 | 3.5 | 0.482 |
| **1836** | 628.3 | 165.3 | 5.857 | 764.0 | 1593.4 | 6.183 | 3.5 | 0.479 |
| **1837** | 724.6 | 190.7 | 6.755 | 818.8 | 1695.4 | 6.579 | 3.5 | 0.483 |
| **1838** | 653.8 | 172.0 | 6.095 | 849.8 | 1757.6 | 6.820 | 3.5 | 0.483 |
| **1839** | 680.3 | 179.0 | 6.342 | 864.9 | 1815.1 | 7.044 | 3.5 | 0.476 |
| **1840** | 684.0 | 180.0 | 6.377 | 853.1 | 1790.4 | 6.947 | 3.5 | 0.476 |
| **1841** | 635.5 | 167.2 | 5.924 | 829.2 | 1731.2 | 6.718 | 3.5 | 0.479 |
| **1842** | 625.2 | 164.5 | 5.828 | 781.0 | 1613.6 | 6.262 | 3.5 | 0.484 |
| **1843** | 655.1 | 172.4 | 6.107 | 740.9 | 1524.4 | 5.915 | 3.5 | 0.486 |
| **1844** | 648.2 | 170.6 | 6.043 | 740.8 | 1532.1 | 5.945 | 3.5 | 0.483 |
| **1845** | 618.5 | 162.8 | 5.765 | 735.1 | 1514.1 | 5.875 | 3.5 | 0.486 |
| **1846** | 650.8 | 171.3 | 6.067 | 758.4 | 1563.7 | 6.068 | 3.5 | 0.485 |
| **1847** | 735.1 | 193.4 | 6.852 | 853.9 | 1771.7 | 6.875 | 3.5 | 0.482 |
| **1848** | 664.9 | 175.0 | 6.198 | 748.6 | 1548.3 | 6.008 | 3.5 | 0.483 |
| **1849** | 661.4 | 174.0 | 6.165 | 687.6 | 1428.1 | 5.542 | 3.5 | 0.481 |
| **1850** | 605.5 | 159.3 | 5.645 | 666.9 | 1392.4 | 5.403 | 3.5 | 0.479 |

**II**

## Masons' Wages 1300-1850

Data on England are from Allen DB4 and Clark DB. For Florence (1310-1610): De La Roncière (1982) and Goldthwaite (1980), Parenti (1939). For Milan (1610-1850): De Maddalena (1949), (1957), (1974), Sella (1968), (1979). See also:

Daily wage is presented in the following Table in grams of silver (col. 2 and 5); in the currency of both countries (col. 3 and 6); and in real terms (according to the welfare ratio criteria, that is dividing the daily wage by the price of the basket in col. 3 and 6 of the previous Table divided by 365, being the price of the basket per year).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| | **WAGES** | | | Clark | | | Allen | |
| | **ITALY Centre North** | **ITALY Centre North** | **ITALY Centre North** | **ENGLAND** | **ENGLAND** | **ENGLAND** | **ENGLAND** | **ENGLAND** |
| | **silver grams/ day** | **Florentine soldi/ day** | **real** | **silver grams/ day** | **pence/day** | **real** | **pence/day** | **real** |
| **1300** | | | | 4.1 | 3.1 | 5.6 | 3.00 | 5.5 |
| **1301** | | | | 4.0 | 3.0 | 5.8 | 3.25 | 6.2 |
| **1302** | | | | 3.9 | 2.9 | 5.6 | 3.25 | 6.3 |
| **1303** | | | | 3.9 | 2.9 | 5.7 | 3.25 | 6.3 |
| **1304** | | | | 4.0 | 3.0 | 6.4 | 3.25 | 6.8 |
| **1305** | | | | 3.9 | 2.9 | 5.6 | 3.50 | 6.8 |
| **1306** | | | | 4.0 | 3.0 | 5.7 | 3.50 | 6.7 |
| **1307** | | | | 4.1 | 3.1 | 6.3 | 3.50 | 7.1 |
| **1308** | | | | 3.8 | 2.8 | 5.1 | 3.50 | 6.2 |
| **1309** | | | | 4.4 | 3.3 | 5.0 | 3.75 | 5.7 |
| **1310** | 6.5 | 6.8 | 9.3 | 4.3 | 3.2 | 4.9 | 3.75 | 5.7 |
| **1311** | 6.8 | 7.2 | 7.9 | 4.1 | 3.1 | 4.5 | 3.75 | 5.5 |
| **1312** | 6.8 | 7.2 | 8.4 | 4.3 | 3.2 | 5.2 | 4.00 | 6.5 |
| **1313** | 6.8 | 7.2 | 8.3 | 4.3 | 3.2 | 5.6 | 4.00 | 6.9 |
| **1314** | 6.8 | 7.2 | 8.8 | 4.4 | 3.3 | 5.3 | 4.00 | 6.5 |
| **1315** | 6.8 | 7.2 | 9.7 | 4.2 | 3.2 | 4.1 | 4.00 | 5.2 |
| **1316** | 6.8 | 7.2 | 9.8 | 4.4 | 3.3 | 3.1 | 4.00 | 3.8 |
| **1317** | 6.8 | 7.2 | 8.5 | 4.8 | 3.6 | 3.6 | 4.00 | 4.0 |
| **1318** | 5.6 | 7.2 | 8.0 | 4.3 | 3.3 | 4.9 | 4.00 | 6.0 |
| **1319** | 5.6 | 7.2 | 8.6 | 4.4 | 3.3 | 6.7 | 4.00 | 8.0 |
| **1320** | 5.6 | 7.2 | 9.4 | 4.3 | 3.2 | 5.4 | 4.00 | 6.7 |
| **1321** | 5.6 | 7.2 | 9.8 | 4.5 | 3.3 | 5.3 | 4.00 | 6.3 |
| **1322** | 5.6 | 7.2 | 7.4 | 4.6 | 3.4 | 3.9 | 4.00 | 4.6 |
| **1323** | 5.6 | 7.2 | 6.5 | 4.2 | 3.1 | 4.4 | 4.00 | 5.6 |
| **1324** | 5.6 | 7.2 | 7.5 | 4.5 | 3.4 | 5.0 | 4.00 | 6.0 |
| **1325** | 5.6 | 7.2 | 8.7 | 4.3 | 3.2 | 4.9 | 4.00 | 6.1 |
| **1326** | 5.6 | 7.2 | 9.0 | 4.3 | 3.2 | 6.2 | 4.00 | 7.8 |
| **1327** | 5.6 | 7.2 | 8.0 | 4.2 | 3.1 | 6.8 | 4.00 | 8.7 |
| **1328** | 5.6 | 7.2 | 7.2 | 4.3 | 3.2 | 6.0 | 4.00 | 7.5 |
| **1329** | 5.6 | 7.2 | 5.4 | 4.2 | 3.1 | 5.0 | 4.00 | 6.4 |
| **1330** | 5.6 | 7.2 | 5.5 | 4.3 | 3.2 | 5.3 | 4.00 | 6.6 |
| **1331** | 5.6 | 7.2 | 7.7 | 4.5 | 3.4 | 4.7 | 4.00 | 5.5 |
| **1332** | 5.6 | 7.2 | 8.7 | 4.7 | 3.5 | 5.3 | 4.00 | 6.1 |
| **1333** | 5.6 | 7.2 | 7.1 | 4.6 | 3.5 | 6.3 | 4.00 | 7.3 |
| **1334** | 5.6 | 7.2 | 6.5 | 4.5 | 3.4 | 6.8 | 4.00 | 8.0 |
| **1335** | 5.6 | 7.2 | 6.7 | 4.0 | 3.1 | 6.0 | 4.00 | 7.7 |
| **1336** | 5.6 | 7.2 | 7.7 | 4.3 | 3.4 | 6.1 | 4.00 | 7.2 |
| **1337** | 5.9 | 7.5 | 8.6 | 4.2 | 3.2 | 6.6 | 4.00 | 8.2 |
| **1338** | 5.1 | 6.5 | 7.2 | 3.9 | 3.1 | 6.6 | 3.50 | 7.6 |
| **1339** | 6.0 | 7.7 | 5.7 | 3.7 | 2.8 | 6.6 | 3.50 | 8.2 |
| **1340** | 5.8 | 7.4 | 6.5 | 3.8 | 3.0 | 5.3 | 3.50 | 6.3 |
| **1341** | 5.8 | 7.4 | 7.9 | 3.7 | 2.9 | 6.1 | 3.00 | 6.3 |
| **1342** | 5.8 | 7.4 | 8.3 | 3.6 | 2.8 | 5.9 | 3.00 | 6.3 |
| **1343** | 5.8 | 7.4 | 6.4 | 3.6 | 2.8 | 5.7 | 3.00 | 6.2 |
| **1344** | 5.8 | 7.4 | 13.3 | 3.3 | 2.7 | 5.2 | 3.00 | 5.7 |
| **1345** | 4.3 | 7.0 | 6.6 | 3.4 | 2.8 | 6.0 | 3.00 | 6.4 |

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|---|---|---|---|---|---|---|---|---|
| **1346** | 4.9 | 8.0 | 5.5 | 3.5 | 2.8 | 5.4 | 3.00 | 5.7 |
| **1347** | 5.6 | 10.0 | 7.3 | 3.6 | 2.9 | 4.6 | 3.00 | 4.7 |
| **1348** | 6.9 | 12.5 | 10.1 | 3.6 | 3.0 | 4.8 | 3.00 | 4.8 |
| **1349** | 7.4 | 13.4 | 9.9 | 3.9 | 3.2 | 6.1 | 3.00 | 5.7 |
| **1350** | 9.3 | 16.8 | 13.4 | 5.2 | 4.2 | 6.4 | 3.00 | 4.5 |
| **1351** | 10.2 | 18.3 | 10.9 | 4.4 | 4.1 | 5.2 | 4.00 | 5.1 |
| **1352** | 9.6 | 17.8 | 8.0 | 4.3 | 4.0 | 4.6 | 4.00 | 4.6 |
| **1353** | 9.6 | 17.8 | 9.1 | 4.3 | 3.9 | 5.9 | 4.00 | 6.0 |
| **1354** | 9.2 | 17.0 | 12.1 | 4.2 | 3.9 | 6.5 | 4.00 | 6.6 |
| **1355** | 9.0 | 16.6 | 12.7 | 4.3 | 4.0 | 6.0 | 4.00 | 6.0 |
| **1356** | 8.7 | 16.2 | 12.4 | 4.4 | 4.1 | 5.7 | 4.00 | 5.5 |
| **1357** | 9.1 | 16.9 | 13.9 | 4.5 | 4.2 | 5.8 | 4.00 | 5.5 |
| **1358** | 9.2 | 17.0 | 14.6 | 4.3 | 4.0 | 5.3 | 4.00 | 5.3 |
| **1359** | 7.4 | 13.7 | 9.5 | 4.4 | 4.1 | 5.7 | 4.00 | 5.6 |
| **1360** | 7.2 | 13.3 | 9.1 | 4.5 | 4.2 | 5.5 | 4.00 | 5.3 |
| **1361** | 7.8 | 14.5 | 12.5 | 4.3 | 4.0 | 5.2 | 5.00 | 6.4 |
| **1362** | 7.2 | 13.3 | 12.2 | 4.8 | 4.4 | 6.3 | 5.00 | 7.2 |
| **1363** | 8.6 | 16.0 | 12.3 | 4.8 | 4.4 | 5.8 | 5.00 | 6.6 |
| **1364** | 8.0 | 14.8 | 13.0 | 4.7 | 4.4 | 5.5 | 5.00 | 6.3 |
| **1365** | 9.6 | 17.8 | 14.9 | 5.0 | 4.6 | 6.5 | 5.00 | 7.1 |
| **1366** | 9.2 | 17.0 | 13.0 | 4.9 | 4.6 | 6.6 | 5.00 | 7.3 |
| **1367** | 8.5 | 15.8 | 12.8 | 4.9 | 4.5 | 6.4 | 5.00 | 7.1 |
| **1368** | 8.3 | 15.4 | 8.5 | 5.0 | 4.6 | 5.8 | 5.00 | 6.2 |
| **1369** | 8.9 | 16.4 | 8.4 | 5.1 | 4.7 | 5.5 | 5.00 | 5.9 |
| **1370** | 8.7 | 16.1 | 7.4 | 5.2 | 4.8 | 4.5 | 5.00 | 4.7 |
| **1371** | 8.5 | 15.7 | 9.0 | 5.2 | 4.8 | 6.6 | 5.00 | 6.9 |
| **1372** | 8.6 | 15.9 | 10.5 | 5.2 | 4.9 | 6.9 | 5.00 | 7.1 |
| **1373** | 9.7 | 17.9 | 12.4 | 5.2 | 4.9 | 6.5 | 5.00 | 6.7 |
| **1374** | 7.6 | 15.8 | 6.4 | 5.0 | 4.6 | 7.0 | 5.00 | 7.6 |
| **1375** | 7.8 | 16.3 | 8.9 | 5.2 | 4.8 | 6.0 | 5.00 | 6.3 |
| **1376** | 8.2 | 17.0 | 11.4 | 5.0 | 4.6 | 6.0 | 5.00 | 6.5 |
| **1377** | 7.2 | 15.0 | 10.8 | 4.9 | 4.5 | 7.2 | 5.00 | 8.0 |
| **1378** | 8.6 | 18.0 | 10.8 | 5.0 | 4.6 | 8.3 | 5.00 | 9.0 |
| **1379** | 6.5 | 13.5 | 14.5 | 5.0 | 4.6 | 7.9 | 5.00 | 8.5 |
| **1380** | 6.8 | 14.1 | 9.5 | 4.8 | 4.4 | 6.6 | 5.00 | 7.4 |
| **1381** | 7.5 | 15.7 | 8.7 | 5.0 | 4.6 | 6.9 | 5.00 | 7.4 |
| **1382** | 7.4 | 15.5 | 9.0 | 5.2 | 4.8 | 7.3 | 5.00 | 7.5 |
| **1383** | 7.2 | 15.0 | 7.6 | 4.9 | 4.6 | 7.0 | 5.00 | 7.6 |
| **1384** | 8.4 | 17.6 | 8.5 | 5.0 | 4.7 | 7.7 | 5.00 | 8.2 |
| **1385** | 8.3 | 17.3 | 8.7 | 5.1 | 4.7 | 7.7 | 5.00 | 8.2 |
| **1386** | 7.7 | 16.0 | 7.8 | 5.0 | 4.6 | 7.1 | 5.00 | 7.7 |
| **1387** | 7.7 | 16.0 | 9.2 | 5.0 | 4.6 | 7.8 | 5.00 | 8.5 |
| **1388** | 7.9 | 16.5 | 8.5 | 5.0 | 4.6 | 8.4 | 5.00 | 9.1 |
| **1389** | 8.1 | 16.9 | 6.8 | 4.9 | 4.5 | 8.2 | 5.00 | 9.0 |
| **1390** | 8.1 | 16.8 | 7.4 | 4.9 | 4.5 | 5.8 | 5.00 | 6.5 |
| **1391** | 8.2 | 17.0 | 7.7 | 5.0 | 4.6 | 5.8 | 5.00 | 6.3 |
| **1392** | 8.2 | 17.0 | 6.7 | 4.8 | 4.4 | 7.2 | 5.00 | 8.1 |
| **1393** | 8.2 | 17.0 | 9.1 | 5.0 | 4.7 | 8.1 | 5.00 | 8.7 |
| **1394** | 8.3 | 17.2 | 12.2 | 4.8 | 4.5 | 7.7 | 5.00 | 8.6 |
| **1395** | 7.7 | 16.0 | 10.5 | 5.1 | 4.8 | 8.0 | 5.00 | 8.4 |
| **1396** | 8.1 | 16.9 | 9.8 | 4.9 | 4.6 | 7.1 | 5.00 | 7.8 |
| **1397** | 7.8 | 16.2 | 9.1 | 4.8 | 4.5 | 6.3 | 5.00 | 7.0 |
| **1398** | 7.8 | 16.3 | 8.9 | 4.8 | 4.5 | 6.2 | 5.00 | 6.9 |
| **1399** | 7.7 | 16.1 | 8.8 | 4.9 | 4.6 | 7.0 | 5.00 | 7.7 |
| **1400** | 7.8 | 16.2 | 10.7 | 4.9 | 4.6 | 6.5 | 5.00 | 7.1 |
| **1401** | 8.6 | 18.0 | 11.4 | 5.1 | 4.7 | 6.5 | 5.00 | 6.9 |
| **1402** | 8.3 | 18.4 | 11.1 | 5.1 | 4.7 | 5.7 | 5.00 | 6.1 |
| **1403** | 8.1 | 18.1 | 11.8 | 5.0 | 4.7 | 6.7 | 5.50 | 7.9 |
| **1404** | 7.8 | 17.3 | 11.8 | 5.2 | 4.9 | 7.8 | 5.50 | 8.8 |
| **1405** | 8.3 | 18.4 | 10.8 | 4.9 | 4.6 | 7.8 | 5.50 | 9.4 |
| **1406** | 8.3 | 18.4 | 11.0 | 5.1 | 4.7 | 8.4 | 5.50 | 9.8 |

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| **1407** | 8.1 | 18.0 | 10.8 | 5.1 | 4.7 | 7.6 | 5.50 | 8.8 |
| **1408** | 8.1 | 17.9 | 9.8 | 5.0 | 4.6 | 6.8 | 5.50 | 8.2 |
| **1409** | 7.6 | 16.9 | 9.5 | 5.5 | 5.1 | 7.0 | 5.50 | 7.6 |
| **1410** | 8.1 | 17.9 | 11.3 | 5.4 | 5.0 | 6.5 | 5.50 | 7.2 |
| **1411** | 8.3 | 18.4 | 9.9 | 5.5 | 5.1 | 7.7 | 5.50 | 8.3 |
| **1412** | 8.3 | 18.5 | 8.7 | 4.5 | 5.0 | 7.7 | 5.50 | 8.5 |
| **1413** | 7.2 | 16.0 | 13.3 | 4.2 | 4.7 | 7.1 | 6.00 | 9.1 |
| **1414** | 7.9 | 17.5 | 12.7 | 4.4 | 4.9 | 7.3 | 6.00 | 9.0 |
| **1415** | 8.1 | 17.9 | 11.4 | 4.3 | 4.7 | 7.1 | 6.00 | 9.1 |
| **1416** | 8.6 | 19.1 | 10.2 | 4.4 | 4.9 | 6.4 | 6.00 | 7.9 |
| **1417** | 8.2 | 18.2 | 10.4 | 4.3 | 4.8 | 6.1 | 6.00 | 7.5 |
| **1418** | 8.6 | 19.1 | 12.9 | 4.4 | 4.8 | 6.7 | 6.00 | 8.4 |
| **1419** | 8.6 | 19.1 | 11.7 | 4.5 | 5.0 | 6.9 | 6.00 | 8.3 |
| **1420** | 8.0 | 17.8 | 8.9 | 4.4 | 4.9 | 7.8 | 6.00 | 9.5 |
| **1421** | 8.5 | 18.9 | 11.2 | 4.4 | 4.9 | 7.4 | 6.00 | 9.0 |
| **1422** | 8.5 | 18.9 | 14.3 | 4.5 | 5.0 | 7.5 | 6.00 | 9.0 |
| **1423** | 8.5 | 18.9 | 13.2 | 4.4 | 4.9 | 7.8 | 6.00 | 9.5 |
| **1424** | 9.0 | 20.0 | 15.9 | 4.4 | 4.9 | 7.6 | 6.00 | 9.4 |
| **1425** | 8.1 | 18.5 | 12.7 | 4.4 | 4.9 | 7.5 | 6.00 | 9.1 |
| **1426** | 7.5 | 17.0 | 11.3 | 4.4 | 4.9 | 8.2 | 6.00 | 10.1 |
| **1427** | 8.0 | 18.1 | 12.4 | 4.4 | 4.9 | 8.2 | 6.00 | 10.1 |
| **1428** | 8.0 | 18.2 | 15.4 | 4.4 | 4.9 | 7.4 | 6.00 | 9.0 |
| **1429** | 8.1 | 18.5 | 15.8 | 4.8 | 5.4 | 6.7 | 6.00 | 7.5 |
| **1430** | 7.7 | 17.6 | 13.3 | 4.6 | 5.1 | 6.2 | 6.00 | 7.3 |
| **1431** | 7.7 | 17.6 | 9.8 | 4.3 | 4.8 | 6.6 | 6.00 | 8.3 |
| **1432** | 7.3 | 16.5 | 8.5 | 4.5 | 5.0 | 7.8 | 6.00 | 9.4 |
| **1433** | 7.3 | 16.5 | 11.1 | 4.6 | 5.1 | 6.7 | 6.00 | 7.9 |
| **1434** | 7.2 | 16.4 | 11.5 | 4.6 | 5.1 | 7.4 | 6.00 | 8.7 |
| **1435** | 8.1 | 18.4 | 11.8 | 4.6 | 5.1 | 8.0 | 6.00 | 9.5 |
| **1436** | 9.4 | 21.3 | 11.3 | 4.3 | 4.8 | 7.2 | 6.00 | 9.0 |
| **1437** | 9.5 | 21.6 | 13.4 | 4.6 | 5.2 | 7.2 | 6.00 | 8.4 |
| **1438** | 7.5 | 17.0 | 11.1 | 4.6 | 5.1 | 5.6 | 6.00 | 6.6 |
| **1439** | 8.0 | 18.1 | 9.4 | 4.9 | 5.4 | 5.4 | 6.00 | 5.9 |
| **1440** | 7.8 | 19.6 | 9.9 | 4.8 | 5.3 | 7.5 | 6.00 | 8.5 |
| **1441** | 8.6 | 21.5 | 16.9 | 4.9 | 5.4 | 9.2 | 6.00 | 10.2 |
| **1442** | 8.0 | 20.0 | 8.6 | 4.8 | 5.3 | 8.2 | 6.00 | 9.3 |
| **1443** | 8.2 | 20.4 | 14.3 | 4.5 | 5.1 | 8.3 | 6.00 | 9.9 |
| **1444** | 8.3 | 20.8 | 13.2 | 4.7 | 5.2 | 8.8 | 6.00 | 10.2 |
| **1445** | 7.6 | 19.1 | 13.5 | 4.8 | 5.3 | 9.0 | 6.00 | 10.2 |
| **1446** | 6.5 | 16.3 | 11.6 | 4.7 | 5.2 | 7.8 | 6.00 | 9.0 |
| **1447** | 7.8 | 19.6 | 12.2 | 5.0 | 5.6 | 7.7 | 6.00 | 8.2 |
| **1448** | 7.3 | 18.3 | 11.0 | 4.7 | 5.2 | 7.7 | 6.00 | 8.8 |
| **1449** | 7.3 | 18.3 | 17.2 | 4.8 | 5.3 | 7.6 | 6.00 | 8.6 |
| **1450** | 6.8 | 17.0 | 11.1 | 4.8 | 5.3 | 7.6 | 6.00 | 8.6 |
| **1451** | 7.6 | 18.9 | 17.3 | 4.6 | 5.1 | 7.0 | 6.00 | 8.2 |
| **1452** | 7.8 | 19.5 | 12.3 | 4.9 | 5.5 | 8.1 | 6.00 | 8.9 |
| **1453** | 7.2 | 18.0 | 11.6 | 4.9 | 5.4 | 7.5 | 6.00 | 8.4 |
| **1454** | 7.2 | 18.0 | 11.3 | 4.8 | 5.3 | 8.2 | 6.00 | 9.2 |
| **1455** | 6.6 | 16.5 | 9.6 | 4.3 | 4.8 | 7.7 | 6.00 | 9.6 |
| **1456** | 6.0 | 15.0 | 7.6 | 4.4 | 4.9 | 7.6 | 6.00 | 9.3 |
| **1457** | 6.4 | 16.0 | 8.1 | 4.6 | 5.2 | 8.1 | 6.00 | 9.4 |
| **1458** | 6.0 | 15.1 | 9.2 | 4.6 | 5.2 | 7.4 | 6.00 | 8.6 |
| **1459** | 6.7 | 16.7 | 12.3 | 4.6 | 5.1 | 7.5 | 6.00 | 8.8 |
| **1460** | 7.1 | 17.8 | 13.9 | 4.7 | 5.3 | 7.6 | 6.00 | 8.6 |
| **1461** | 6.7 | 17.7 | 13.9 | 4.8 | 5.3 | 6.9 | 6.00 | 7.8 |
| **1462** | 6.5 | 17.2 | 13.5 | 4.6 | 5.1 | 7.0 | 6.00 | 8.3 |
| **1463** | 8.0 | 21.0 | 13.7 | 4.3 | 4.7 | 7.5 | 6.00 | 9.5 |
| **1464** | 6.1 | 16.0 | 8.5 | 4.5 | 5.0 | 8.5 | 6.00 | 10.2 |
| **1465** | 7.6 | 20.0 | 9.7 | 3.7 | 5.2 | 7.7 | 6.00 | 8.8 |
| **1466** | 5.7 | 14.9 | 8.4 | 3.3 | 4.6 | 6.9 | 6.00 | 9.0 |
| **1467** | 5.3 | 15.3 | 8.7 | 3.6 | 5.0 | 7.0 | 6.00 | 8.5 |

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| **1468** | 5.9 | 17.0 | 10.2 | 3.7 | 5.1 | 7.0 | 6.00 | 8.3 |
| **1469** | 6.0 | 17.5 | 10.7 | 3.6 | 5.1 | 6.9 | 6.00 | 8.2 |
| **1470** | 6.9 | 20.0 | 13.3 | 3.6 | 5.1 | 6.8 | 6.00 | 8.0 |
| **1471** | 6.9 | 20.0 | 12.9 | 3.7 | 5.1 | 6.3 | 6.00 | 7.5 |
| **1472** | 6.9 | 20.0 | 12.3 | 3.8 | 5.3 | 7.3 | 6.00 | 8.3 |
| **1473** | 6.9 | 20.0 | 9.8 | 3.7 | 5.1 | 7.6 | 6.00 | 8.9 |
| **1474** | 6.0 | 17.5 | 8.6 | 3.6 | 4.9 | 7.5 | 6.00 | 9.1 |
| **1475** | 6.0 | 17.5 | 8.9 | 3.6 | 5.1 | 7.9 | 6.00 | 9.4 |
| **1476** | 5.2 | 15.0 | 7.5 | 3.8 | 5.2 | 7.7 | 6.00 | 8.9 |
| **1477** | 5.7 | 16.4 | 8.4 | 3.8 | 5.2 | 7.7 | 6.00 | 8.9 |
| **1478** | 5.2 | 15.1 | 9.3 | 3.7 | 5.1 | 6.6 | 6.00 | 7.7 |
| **1479** | 5.2 | 15.2 | 9.3 | 3.7 | 5.2 | 6.8 | 6.00 | 7.8 |
| **1480** | 5.4 | 15.6 | 9.9 | 3.8 | 5.2 | 7.2 | 6.00 | 8.3 |
| **1481** | 4.6 | 13.8 | 8.7 | 3.5 | 4.9 | 6.6 | 6.00 | 8.0 |
| **1482** | 4.6 | 14.0 | 6.7 | 3.6 | 5.0 | 6.0 | 6.00 | 7.1 |
| **1483** | 5.4 | 16.3 | 6.7 | 3.5 | 4.9 | 5.2 | 6.00 | 6.4 |
| **1484** | 5.4 | 16.5 | 8.3 | 3.7 | 5.1 | 6.4 | 6.00 | 7.6 |
| **1485** | 5.2 | 15.7 | 9.7 | 3.4 | 4.8 | 7.1 | 6.00 | 9.0 |
| **1486** | 5.3 | 16.0 | 8.6 | 3.6 | 5.0 | 7.3 | 6.00 | 8.8 |
| **1487** | 5.3 | 16.0 | 8.6 | 3.5 | 4.8 | 6.2 | 6.00 | 7.8 |
| **1488** | 5.8 | 17.7 | 9.4 | 3.6 | 5.1 | 7.3 | 6.00 | 8.7 |
| **1489** | 5.0 | 15.2 | 9.1 | 3.7 | 5.1 | 7.0 | 6.00 | 8.3 |
| **1490** | 5.2 | 15.9 | 9.1 | 3.7 | 5.1 | 7.2 | 6.00 | 8.4 |
| **1491** | 5.3 | 16.0 | 10.0 | 3.7 | 5.1 | 6.9 | 6.00 | 8.1 |
| **1492** | 4.6 | 14.0 | 9.0 | 3.5 | 4.8 | 6.8 | 6.00 | 8.4 |
| **1493** | 4.6 | 14.0 | 8.5 | 3.8 | 5.3 | 8.1 | 6.00 | 9.1 |
| **1494** | 5.3 | 16.2 | 7.5 | 3.6 | 5.0 | 7.0 | 6.00 | 8.5 |
| **1495** | 4.3 | 12.9 | 6.4 | 3.9 | 5.4 | 8.2 | 6.00 | 9.2 |
| **1496** | 3.8 | 11.6 | 4.0 | 3.6 | 5.1 | 8.0 | 6.00 | 9.4 |
| **1497** | 4.4 | 13.4 | 4.9 | 3.6 | 5.0 | 6.6 | 6.00 | 7.9 |
| **1498** | 3.8 | 11.4 | 5.5 | 3.6 | 5.1 | 6.7 | 6.00 | 8.0 |
| **1499** | 4.9 | 14.9 | 7.2 | 3.6 | 5.0 | 7.1 | 6.00 | 8.5 |
| **1500** | 4.8 | 14.5 | 6.5 | 3.5 | 4.9 | 7.1 | 6.00 | 8.7 |
| **1501** | 4.1 | 12.3 | 5.4 | 3.4 | 4.8 | 5.8 | 6.00 | 7.3 |
| **1502** | 4.7 | 14.2 | 5.8 | 3.5 | 4.9 | 6.1 | 6.00 | 7.5 |
| **1503** | 3.9 | 14.3 | 5.6 | 3.4 | 4.7 | 6.2 | 6.00 | 7.9 |
| **1504** | 4.3 | 15.8 | 5.0 | 3.6 | 5.0 | 6.5 | 6.00 | 7.8 |
| **1505** | 4.3 | 15.8 | 6.4 | 3.6 | 5.0 | 6.9 | 6.00 | 8.3 |
| **1506** | 4.3 | 15.8 | 8.2 | 3.5 | 4.9 | 6.5 | 6.00 | 8.1 |
| **1507** | 4.3 | 15.8 | 6.9 | 3.8 | 5.3 | 7.5 | 6.00 | 8.4 |
| **1508** | 4.3 | 15.8 | 7.7 | 3.6 | 4.9 | 7.0 | 6.00 | 8.5 |
| **1509** | 4.3 | 15.8 | 7.8 | 3.5 | 4.9 | 7.9 | 6.00 | 9.7 |
| **1510** | 4.3 | 15.8 | 8.0 | 3.6 | 5.1 | 8.5 | 6.00 | 10.1 |
| **1511** | 4.3 | 15.8 | 6.6 | 3.5 | 4.9 | 8.2 | 6.00 | 10.1 |
| **1512** | 4.3 | 15.8 | 6.9 | 3.8 | 5.2 | 7.0 | 6.00 | 8.0 |
| **1513** | 4.3 | 15.8 | 7.4 | 3.6 | 5.0 | 6.1 | 6.00 | 7.4 |
| **1514** | 4.3 | 15.8 | 6.8 | 3.8 | 5.3 | 7.5 | 6.00 | 8.6 |
| **1515** | 4.3 | 15.8 | 6.3 | 3.6 | 4.9 | 7.1 | 6.00 | 8.7 |
| **1516** | 4.7 | 17.3 | 7.0 | 3.9 | 5.5 | 7.5 | 6.00 | 8.3 |
| **1517** | 4.8 | 17.8 | 8.4 | 3.7 | 5.2 | 7.9 | 6.00 | 9.2 |
| **1518** | 4.7 | 17.5 | 8.4 | 3.6 | 5.1 | 6.9 | 6.00 | 8.2 |
| **1519** | 4.9 | 18.0 | 7.9 | 3.7 | 5.1 | 7.2 | 6.00 | 8.5 |
| **1520** | 4.6 | 17.1 | 7.4 | 3.9 | 5.4 | 6.5 | 6.00 | 7.3 |
| **1521** | 5.0 | 18.7 | 7.4 | 3.9 | 5.4 | 6.3 | 6.00 | 7.0 |
| **1522** | 5.0 | 18.7 | 7.2 | 3.9 | 5.4 | 6.7 | 6.00 | 7.5 |
| **1523** | 4.9 | 18.0 | 6.6 | 3.8 | 5.2 | 6.9 | 6.00 | 7.9 |
| **1524** | 4.9 | 18.0 | 8.1 | 3.4 | 5.3 | 6.8 | 6.00 | 7.8 |
| **1525** | 4.7 | 17.3 | 7.6 | 3.4 | 5.3 | 7.5 | 6.00 | 8.6 |
| **1526** | 4.7 | 17.3 | 5.7 | 3.3 | 5.2 | 7.1 | 6.00 | 8.2 |
| **1527** | 4.7 | 17.3 | 4.5 | 3.3 | 5.2 | 5.9 | 6.00 | 6.8 |
| **1528** | 4.7 | 17.3 | 4.0 | 3.4 | 5.3 | 4.9 | 6.00 | 5.6 |

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| **1529** | 4.7 | 17.3 | 5.3 | 3.4 | 5.3 | 5.7 | 6.00 | 6.5 |
| **1530** | 7.8 | 30.0 | 6.3 | 3.4 | 5.3 | 5.6 | 6.00 | 6.4 |
| **1531** | 7.4 | 30.0 | 6.4 | 3.5 | 5.4 | 5.7 | 6.00 | 6.4 |
| **1532** | 4.5 | 18.4 | 4.8 | 3.4 | 5.3 | 5.7 | 6.00 | 6.5 |
| **1533** | 5.5 | 22.5 | 5.3 | 3.6 | 5.6 | 6.0 | 6.50 | 7.0 |
| **1534** | 5.9 | 23.9 | 9.5 | 3.5 | 5.5 | 6.5 | 6.50 | 7.7 |
| **1535** | 5.6 | 23.0 | 10.3 | 3.5 | 5.4 | 5.7 | 6.50 | 6.8 |
| **1536** | 5.5 | 22.5 | 9.7 | 3.5 | 5.4 | 5.9 | 6.50 | 7.0 |
| **1537** | 5.5 | 22.5 | 10.0 | 3.7 | 5.7 | 6.7 | 6.50 | 7.6 |
| **1538** | 5.5 | 22.5 | 7.0 | 3.5 | 5.4 | 7.0 | 6.50 | 8.4 |
| **1539** | 5.4 | 22.0 | 4.7 | 3.5 | 5.4 | 6.5 | 6.50 | 7.8 |
| **1540** | 5.8 | 23.8 | 6.0 | 3.6 | 5.7 | 7.0 | 6.50 | 8.1 |
| **1541** | 6.2 | 25.5 | 9.3 | 3.5 | 5.5 | 6.1 | 6.50 | 7.3 |
| **1542** | 5.6 | 23.0 | 8.9 | 2.7 | 5.6 | 5.2 | 6.50 | 6.1 |
| **1543** | 5.0 | 20.5 | 7.3 | 2.7 | 5.6 | 5.1 | 6.50 | 5.9 |
| **1544** | 5.4 | 22.2 | 7.6 | 2.7 | 5.6 | 4.4 | 6.50 | 5.1 |
| **1545** | 5.4 | 22.2 | 7.2 | 2.6 | 5.4 | 4.5 | 6.50 | 5.4 |
| **1546** | 5.4 | 22.2 | 9.2 | 2.7 | 5.8 | 4.4 | 6.50 | 4.9 |
| **1547** | 5.8 | 23.8 | 7.2 | 2.8 | 5.9 | 6.0 | 6.50 | 6.6 |
| **1548** | 5.3 | 21.6 | 5.8 | 2.9 | 6.1 | 6.1 | 6.50 | 6.5 |
| **1549** | 5.0 | 20.6 | 6.4 | 3.2 | 6.6 | 5.8 | 7.50 | 6.5 |
| **1550** | 5.0 | 20.6 | 5.3 | 3.3 | 6.9 | 5.3 | 7.50 | 5.7 |
| **1551** | 4.8 | 19.5 | 6.2 | 3.6 | 7.6 | 6.2 | 7.50 | 6.1 |
| **1552** | 6.3 | 25.9 | 9.1 | 3.9 | 8.2 | 5.8 | 7.50 | 5.3 |
| **1553** | 5.8 | 23.8 | 7.6 | 3.5 | 7.3 | 5.5 | 9.00 | 6.9 |
| **1554** | 5.8 | 23.6 | 4.9 | 3.6 | 7.5 | 5.5 | 9.00 | 6.6 |
| **1555** | 5.0 | 22.2 | 4.2 | 3.7 | 7.7 | 4.9 | 9.00 | 5.7 |
| **1556** | 5.2 | 23.1 | 5.6 | 3.7 | 7.7 | 4.3 | 9.00 | 5.0 |
| **1557** | 5.1 | 22.6 | 5.1 | 3.9 | 8.1 | 4.6 | 9.00 | 5.1 |
| **1558** | 6.3 | 28.2 | 6.5 | 3.6 | 7.4 | 5.7 | 9.00 | 6.9 |
| **1559** | 6.0 | 26.7 | 5.8 | 3.7 | 7.8 | 5.7 | 9.00 | 6.5 |
| **1560** | 6.6 | 29.5 | 7.6 | 3.8 | 7.9 | 5.7 | 9.00 | 6.5 |
| **1561** | 7.3 | 32.3 | 8.1 | 4.1 | 8.6 | 5.9 | 9.00 | 6.1 |
| **1562** | 6.0 | 26.5 | 5.0 | 4.2 | 8.9 | 5.8 | 10.00 | 6.5 |
| **1563** | 6.9 | 30.5 | 9.1 | 4.2 | 8.8 | 5.7 | 10.00 | 6.5 |
| **1564** | 6.9 | 30.8 | 7.2 | 4.4 | 9.1 | 5.8 | 10.00 | 6.3 |
| **1565** | 8.0 | 35.4 | 8.2 | 4.3 | 8.9 | 6.1 | 10.00 | 6.9 |
| **1566** | 8.0 | 35.4 | 8.3 | 4.2 | 8.8 | 6.0 | 10.00 | 6.8 |
| **1567** | 8.0 | 35.4 | 9.7 | 4.0 | 8.2 | 5.8 | 10.00 | 7.0 |
| **1568** | 8.0 | 35.4 | 8.8 | 4.2 | 8.8 | 6.6 | 10.00 | 7.6 |
| **1569** | 8.0 | 35.4 | 6.4 | 4.1 | 8.5 | 6.2 | 10.00 | 7.4 |
| **1570** | 9.0 | 40.0 | 9.1 | 4.2 | 8.7 | 6.5 | 10.00 | 7.5 |
| **1571** | 9.0 | 40.0 | 8.1 | 4.1 | 8.5 | 6.7 | 10.00 | 7.9 |
| **1572** | 9.7 | 43.0 | 8.7 | 4.4 | 9.2 | 6.6 | 10.00 | 7.2 |
| **1573** | 7.8 | 34.6 | 8.6 | 4.2 | 8.8 | 5.4 | 10.00 | 6.1 |
| **1574** | 7.9 | 35.0 | 8.4 | 4.4 | 9.1 | 5.3 | 10.50 | 6.1 |
| **1575** | 7.4 | 33.0 | 7.3 | 4.4 | 9.1 | 5.8 | 10.50 | 6.7 |
| **1576** | 9.0 | 40.0 | 9.3 | 4.4 | 9.2 | 5.6 | 10.50 | 6.3 |
| **1577** | 7.9 | 35.0 | 8.1 | 4.5 | 9.4 | 5.5 | 10.50 | 6.2 |
| **1578** | 8.9 | 39.7 | 8.4 | 4.3 | 9.0 | 5.5 | 10.50 | 6.4 |
| **1579** | 9.3 | 41.3 | 7.4 | 4.5 | 9.4 | 5.6 | 10.50 | 6.3 |
| **1580** | 8.1 | 35.8 | 7.2 | 4.4 | 9.1 | 5.5 | 10.50 | 6.3 |
| **1581** | 8.4 | 37.2 | 7.6 | 4.5 | 9.4 | 5.3 | 12.00 | 6.7 |
| **1582** | 7.9 | 35.0 | 7.0 | 4.8 | 10.0 | 5.8 | 12.00 | 6.9 |
| **1583** | 9.0 | 40.0 | 8.7 | 4.7 | 9.8 | 5.4 | 12.00 | 6.7 |
| **1584** | 8.5 | 37.8 | 7.8 | 4.6 | 9.6 | 6.0 | 12.00 | 7.5 |
| **1585** | 6.9 | 30.8 | 6.0 | 4.6 | 9.6 | 5.6 | 12.00 | 6.9 |
| **1586** | 9.0 | 40.0 | 7.4 | 4.8 | 9.9 | 4.7 | 12.00 | 5.7 |
| **1587** | 7.9 | 35.0 | 7.2 | 4.7 | 9.9 | 4.8 | 12.00 | 5.8 |
| **1588** | 7.9 | 35.0 | 7.0 | 4.8 | 10.0 | 6.2 | 12.00 | 7.5 |
| **1589** | 6.8 | 30.0 | 5.7 | 5.0 | 10.4 | 6.4 | 12.00 | 7.5 |

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| **1590** | 8.4 | 37.5 | 6.2 | 4.6 | 9.7 | 4.7 | 12.00 | 5.8 |
| **1591** | 8.7 | 38.8 | 5.6 | 4.5 | 9.4 | 4.9 | 12.00 | 6.3 |
| **1592** | 9.0 | 40.0 | 6.1 | 4.6 | 9.6 | 5.7 | 12.00 | 7.1 |
| **1593** | 9.0 | 40.0 | 7.4 | 4.8 | 10.1 | 5.9 | 12.00 | 7.0 |
| **1594** | 9.0 | 40.0 | 7.0 | 5.0 | 10.3 | 4.9 | 12.00 | 5.7 |
| **1595** | 9.0 | 40.0 | 6.7 | 4.8 | 10.0 | 4.0 | 12.00 | 4.7 |
| **1596** | 9.0 | 40.0 | 5.2 | 4.8 | 10.1 | 3.7 | 12.00 | 4.4 |
| **1597** | 8.6 | 38.4 | 5.6 | 4.9 | 10.3 | 3.4 | 12.00 | 4.0 |
| **1598** | 8.3 | 36.7 | 6.3 | 4.9 | 10.3 | 3.9 | 12.00 | 4.6 |
| **1599** | 11.5 | 51.0 | 9.0 | 5.0 | 10.4 | 4.9 | 12.00 | 5.7 |
| **1600** | 9.0 | 40.0 | 6.9 | 5.0 | 10.4 | 4.6 | 12.00 | 5.3 |
| **1601** | 9.2 | 41.0 | 5.9 | 5.0 | 10.8 | 4.8 | 12.00 | 5.4 |
| **1602** | 9.7 | 43.0 | 6.2 | 5.0 | 10.7 | 5.0 | 12.00 | 5.6 |
| **1603** | 10.1 | 45.0 | 7.8 | 5.0 | 10.8 | 5.2 | 12.00 | 5.8 |
| **1604** | 9.0 | 40.0 | 6.3 | 5.1 | 10.9 | 5.2 | 12.00 | 5.7 |
| **1605** | 10.1 | 45.0 | 7.0 | 5.0 | 10.8 | 5.0 | 12.00 | 5.5 |
| **1606** | 9.5 | 42.0 | 5.8 | 5.2 | 11.2 | 5.0 | 12.00 | 5.4 |
| **1607** | 9.7 | 43.2 | 6.1 | 5.2 | 11.2 | 5.0 | 12.00 | 5.3 |
| **1608** | 10.1 | 45.0 | 7.3 | 5.2 | 11.1 | 4.2 | 12.00 | 4.5 |
| **1609** | 10.1 | 45.0 | 7.5 | 5.3 | 11.4 | 4.1 | 12.00 | 4.3 |
| **1610** | 9.0 | 40.0 | 6.3 | 5.3 | 11.4 | 4.9 | 12.00 | 5.2 |
| **1611** | 10.6 | 47.0 | 7.2 | 5.4 | 11.6 | 4.6 | 12.00 | 4.8 |
| **1612** | 10.9 | 48.5 | 8.4 | 5.4 | 11.7 | 4.5 | 12.00 | 4.6 |
| **1613** | 10.9 | 48.5 | 8.6 | 5.4 | 11.6 | 4.2 | 12.00 | 4.4 |
| **1614** | 11.3 | 50.0 | 8.1 | 5.5 | 11.8 | 4.2 | 12.00 | 4.3 |
| **1615** | 12.0 | 53.3 | 8.7 | 5.5 | 11.9 | 4.7 | 12.00 | 4.7 |
| **1616** | 9.0 | 40.0 | 7.0 | 5.7 | 12.3 | 5.1 | 12.00 | 4.9 |
| **1617** | 10.1 | 45.0 | 6.7 | 5.6 | 12.1 | 4.5 | 12.00 | 4.5 |
| **1618** | 10.0 | 44.3 | 6.7 | 5.7 | 12.3 | 4.6 | 12.00 | 4.4 |
| **1619** | 10.1 | 45.0 | 6.1 | 6.0 | 12.8 | 5.4 | 12.00 | 5.1 |
| **1620** | 10.1 | 45.0 | 7.3 | 5.9 | 12.8 | 5.9 | 12.00 | 5.5 |
| **1621** | 9.7 | 43.1 | 6.9 | 5.7 | 12.2 | 5.2 | 12.00 | 5.1 |
| **1622** | 9.7 | 43.1 | 6.6 | 5.8 | 12.4 | 4.2 | 12.00 | 4.1 |
| **1623** | 9.7 | 43.1 | 6.5 | 5.7 | 12.3 | 4.5 | 12.00 | 4.4 |
| **1624** | 9.7 | 43.1 | 6.6 | 5.8 | 12.5 | 4.8 | 12.00 | 4.6 |
| **1625** | 9.7 | 43.1 | 7.1 | 5.9 | 12.6 | 4.5 | 12.00 | 4.3 |
| **1626** | 9.7 | 43.1 | 6.7 | 5.9 | 12.8 | 4.7 | 12.00 | 4.4 |
| **1627** | 9.7 | 43.1 | 6.1 | 5.6 | 12.1 | 4.9 | 12.00 | 4.9 |
| **1628** | 9.7 | 43.1 | 5.6 | 5.8 | 12.6 | 5.2 | 12.00 | 4.9 |
| **1629** | 9.7 | 43.1 | 5.2 | 5.8 | 12.6 | 4.8 | 12.00 | 4.5 |
| **1630** | 9.7 | 43.1 | 5.6 | 5.8 | 12.6 | 4.1 | 14.00 | 4.6 |
| **1631** | 9.7 | 43.1 | 6.4 | 6.3 | 13.5 | 4.2 | 14.00 | 4.4 |
| **1632** | 9.7 | 43.1 | 7.5 | 6.2 | 13.4 | 4.5 | 14.00 | 4.7 |
| **1633** | 9.7 | 43.1 | 7.5 | 6.1 | 13.2 | 4.4 | 14.00 | 4.7 |
| **1634** | 9.6 | 42.7 | 7.9 | 6.5 | 14.0 | 4.6 | 14.00 | 4.6 |
| **1635** | 9.5 | 42.0 | 5.9 | 6.1 | 13.2 | 4.5 | 14.00 | 4.8 |
| **1636** | 9.1 | 40.6 | 6.1 | 6.0 | 13.0 | 4.6 | 14.00 | 4.9 |
| **1637** | 9.6 | 42.7 | 6.8 | 6.1 | 13.2 | 4.2 | 14.00 | 4.4 |
| **1638** | 9.5 | 42.0 | 7.5 | 6.3 | 13.6 | 4.3 | 14.00 | 4.4 |
| **1639** | 9.3 | 41.3 | 7.6 | 6.2 | 13.3 | 4.6 | 14.00 | 4.9 |
| **1640** | 9.3 | 41.3 | 8.0 | 6.3 | 13.5 | 5.0 | 14.00 | 5.2 |
| **1641** | 9.3 | 41.3 | 8.1 | 6.6 | 14.2 | 5.0 | 14.00 | 4.9 |
| **1642** | 9.1 | 40.5 | 7.6 | 6.7 | 14.4 | 5.3 | 14.00 | 5.2 |
| **1643** | 9.1 | 40.5 | 6.6 | 6.9 | 14.9 | 5.4 | 17.00 | 6.2 |
| **1644** | 9.1 | 40.5 | 6.7 | 7.3 | 15.7 | 5.7 | 17.00 | 6.2 |
| **1645** | 9.1 | 40.5 | 7.3 | 7.2 | 15.5 | 5.5 | 17.00 | 6.1 |
| **1646** | 9.1 | 40.5 | 7.4 | 7.3 | 15.8 | 5.3 | 17.00 | 5.7 |
| **1647** | 9.1 | 40.5 | 6.4 | 7.5 | 16.1 | 4.4 | 17.00 | 4.7 |
| **1648** | 9.1 | 40.5 | 5.6 | 6.9 | 14.9 | 3.8 | 17.00 | 4.4 |
| **1649** | 9.1 | 40.5 | 5.2 | 6.8 | 14.6 | 3.8 | 17.00 | 4.4 |
| **1650** | 9.1 | 40.5 | 5.4 | 7.4 | 15.9 | 4.3 | 17.00 | 4.6 |

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| **1651** | 9.1 | 40.5 | 7.3 | 7.8 | 16.9 | 4.9 | 17.00 | 4.9 |
| **1652** | 9.1 | 40.5 | 7.3 | 7.3 | 15.6 | 5.0 | 17.00 | 5.4 |
| **1653** | 9.1 | 40.5 | 7.2 | 7.4 | 15.9 | 6.0 | 17.00 | 6.4 |
| **1654** | 9.1 | 40.5 | 7.4 | 7.5 | 16.3 | 6.9 | 17.00 | 7.2 |
| **1655** | 9.1 | 40.5 | 7.5 | 7.8 | 16.8 | 6.9 | 17.00 | 7.0 |
| **1656** | 9.1 | 40.5 | 7.1 | 8.1 | 17.4 | 6.1 | 18.00 | 6.3 |
| **1657** | 8.9 | 39.7 | 7.2 | 7.8 | 16.8 | 5.6 | 18.00 | 6.0 |
| **1658** | 8.0 | 35.4 | 6.7 | 7.8 | 16.8 | 5.2 | 18.00 | 5.5 |
| **1659** | 8.0 | 35.4 | 6.8 | 8.2 | 17.6 | 5.2 | 18.00 | 5.3 |
| **1660** | 8.0 | 35.4 | 6.6 | 8.3 | 17.9 | 5.7 | 18.00 | 5.7 |
| **1661** | 8.0 | 35.4 | 7.1 | 8.3 | 17.8 | 5.0 | 18.00 | 5.0 |
| **1662** | 8.0 | 35.4 | 7.2 | 8.0 | 17.2 | 4.9 | 18.00 | 5.2 |
| **1663** | 8.0 | 35.4 | 7.1 | 8.5 | 18.2 | 5.8 | 18.00 | 5.7 |
| **1664** | 8.0 | 35.4 | 7.0 | 8.2 | 17.7 | 5.8 | 18.00 | 5.9 |
| **1665** | 8.0 | 35.4 | 7.3 | 8.1 | 17.4 | 6.1 | 18.00 | 6.3 |
| **1666** | 8.0 | 35.4 | 7.9 | 8.2 | 17.7 | 7.0 | 18.00 | 7.2 |
| **1667** | 8.0 | 35.4 | 8.0 | 8.2 | 17.8 | 7.0 | 18.00 | 7.1 |
| **1668** | 8.0 | 35.4 | 7.7 | 8.1 | 17.5 | 6.6 | 18.00 | 6.8 |
| **1669** | 8.0 | 35.4 | 6.9 | 7.9 | 17.1 | 6.0 | 18.00 | 6.3 |
| **1670** | 8.0 | 35.4 | 7.0 | 8.4 | 18.1 | 6.4 | 18.00 | 6.4 |
| **1671** | 8.0 | 35.4 | 7.4 | 8.5 | 18.3 | 6.0 | 18.00 | 5.9 |
| **1672** | 6.8 | 30.4 | 7.0 | 8.3 | 17.8 | 5.9 | 18.00 | 6.0 |
| **1673** | 6.8 | 30.4 | 7.4 | 8.1 | 17.5 | 6.0 | 18.00 | 6.1 |
| **1674** | 6.6 | 29.4 | 7.0 | 8.0 | 17.3 | 5.1 | 18.00 | 5.3 |
| **1675** | 6.6 | 29.4 | 6.0 | 8.5 | 18.2 | 5.8 | 18.00 | 5.7 |
| **1676** | 6.2 | 27.5 | 5.9 | 8.2 | 17.7 | 6.5 | 18.00 | 6.6 |
| **1677** | 6.2 | 27.5 | 5.3 | 8.0 | 17.3 | 6.1 | 18.00 | 6.4 |
| **1678** | 6.2 | 27.5 | 5.1 | 8.0 | 17.2 | 5.7 | 18.00 | 6.0 |
| **1679** | 6.2 | 27.5 | 5.8 | 8.0 | 17.2 | 5.7 | 18.00 | 6.0 |
| **1680** | 6.2 | 27.5 | 6.0 | 8.1 | 17.5 | 6.2 | 18.00 | 6.4 |
| **1681** | 6.6 | 29.2 | 6.7 | 8.1 | 17.4 | 5.6 | 18.00 | 5.8 |
| **1682** | 6.6 | 29.2 | 6.8 | 8.4 | 18.1 | 6.0 | 18.00 | 6.0 |
| **1683** | 6.6 | 29.2 | 7.0 | 8.1 | 17.5 | 6.0 | 18.00 | 6.2 |
| **1684** | 6.6 | 29.2 | 6.4 | 8.2 | 17.6 | 5.7 | 18.00 | 5.8 |
| **1685** | 6.6 | 29.2 | 5.6 | 8.2 | 17.7 | 6.0 | 18.00 | 6.0 |
| **1686** | 6.6 | 29.2 | 6.1 | 8.5 | 18.4 | 6.6 | 18.00 | 6.5 |
| **1687** | 6.6 | 29.2 | 7.0 | 8.2 | 17.6 | 6.6 | 18.00 | 6.7 |
| **1688** | 6.4 | 28.4 | 6.6 | 8.1 | 17.4 | 6.9 | 19.00 | 7.5 |
| **1689** | 6.4 | 28.4 | 6.5 | 9.0 | 19.3 | 7.4 | 19.00 | 7.3 |
| **1690** | 6.2 | 27.5 | 5.8 | 8.8 | 19.0 | 7.3 | 19.00 | 7.3 |
| **1691** | 6.2 | 27.5 | 5.9 | 8.7 | 18.7 | 7.0 | 19.00 | 7.1 |
| **1692** | 6.2 | 27.5 | 5.7 | 8.4 | 18.1 | 6.1 | 19.00 | 6.4 |
| **1693** | 6.0 | 26.7 | 5.4 | 8.8 | 18.9 | 5.7 | 19.00 | 5.8 |
| **1694** | 6.0 | 26.7 | 4.9 | 8.7 | 18.8 | 5.8 | 19.00 | 5.9 |
| **1695** | 5.8 | 25.8 | 4.4 | 8.5 | 18.2 | 6.4 | 19.00 | 6.7 |
| **1696** | 5.8 | 25.8 | 4.5 | 8.7 | 18.8 | 6.0 | 19.00 | 6.0 |
| **1697** | 5.8 | 25.8 | 4.7 | 8.5 | 18.3 | 5.0 | 19.00 | 5.2 |
| **1698** | 5.8 | 25.8 | 5.1 | 8.4 | 18.2 | 4.9 | 19.00 | 5.1 |
| **1699** | 5.8 | 25.8 | 5.3 | 8.4 | 18.2 | 5.4 | 19.00 | 5.6 |
| **1700** | 5.8 | 25.8 | 5.5 | 8.6 | 18.5 | 6.2 | 19.00 | 6.3 |
| **1701** | 6.8 | 30.1 | 6.8 | 8.7 | 18.8 | 6.6 | 19.00 | 6.6 |
| **1702** | 6.8 | 30.1 | 6.4 | 8.8 | 19.0 | 7.1 | 21.00 | 7.8 |
| **1703** | 6.8 | 30.1 | 6.7 | 8.6 | 18.6 | 7.1 | 21.00 | 8.0 |
| **1704** | 6.8 | 30.1 | 6.9 | 8.8 | 18.9 | 6.6 | 21.00 | 7.3 |
| **1705** | 6.8 | 30.1 | 6.8 | 9.1 | 19.6 | 7.1 | 21.00 | 7.6 |
| **1706** | 6.8 | 30.1 | 6.5 | 8.9 | 19.1 | 7.0 | 21.00 | 7.7 |
| **1707** | 6.8 | 30.1 | 6.4 | 8.7 | 18.8 | 6.9 | 21.00 | 7.7 |
| **1708** | 6.8 | 30.1 | 6.4 | 9.2 | 19.8 | 6.5 | 21.00 | 6.9 |
| **1709** | 6.8 | 30.1 | 5.1 | 8.9 | 19.3 | 5.2 | 21.00 | 5.6 |
| **1710** | 6.8 | 30.1 | 5.8 | 9.2 | 19.7 | 5.3 | 21.00 | 5.7 |
| **1711** | 6.8 | 31.6 | 6.9 | 9.1 | 19.5 | 5.9 | 22.00 | 6.6 |

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| **1712** | 6.8 | 31.6 | 7.2 | 8.9 | 19.3 | 6.2 | 22.00 | 7.1 |
| **1713** | 6.8 | 31.6 | 7.1 | 9.2 | 19.9 | 6.2 | 22.00 | 6.9 |
| **1714** | 6.8 | 31.6 | 6.7 | 9.2 | 19.9 | 6.0 | 22.00 | 6.7 |
| **1715** | 6.8 | 31.6 | 6.5 | 9.3 | 20.0 | 6.9 | 22.00 | 7.6 |
| **1716** | 6.8 | 31.6 | 7.0 | 9.2 | 19.8 | 6.7 | 22.00 | 7.4 |
| **1717** | 6.8 | 31.6 | 7.2 | 9.0 | 19.5 | 6.6 | 22.00 | 7.5 |
| **1718** | 6.8 | 31.6 | 7.1 | 9.3 | 20.0 | 7.2 | 22.00 | 7.9 |
| **1719** | 6.8 | 31.6 | 7.8 | 9.1 | 19.7 | 7.2 | 22.00 | 8.0 |
| **1720** | 6.8 | 31.6 | 8.6 | 9.6 | 20.7 | 7.1 | 22.00 | 7.5 |
| **1721** | 6.8 | 31.6 | 8.2 | 9.2 | 19.8 | 7.0 | 22.00 | 7.8 |
| **1722** | 6.8 | 31.6 | 8.3 | 9.0 | 19.3 | 7.0 | 22.00 | 8.0 |
| **1723** | 6.8 | 31.6 | 8.9 | 9.4 | 20.3 | 7.0 | 22.00 | 7.6 |
| **1724** | 6.8 | 31.6 | 9.7 | 9.3 | 20.1 | 6.9 | 22.00 | 7.5 |
| **1725** | 6.8 | 31.6 | 8.4 | 9.2 | 19.9 | 6.4 | 22.00 | 7.1 |
| **1726** | 6.8 | 31.6 | 7.8 | 9.7 | 20.8 | 6.4 | 22.00 | 6.8 |
| **1727** | 6.8 | 31.6 | 8.2 | 8.8 | 19.0 | 6.0 | 22.00 | 7.0 |
| **1728** | 6.8 | 31.6 | 8.2 | 9.3 | 20.1 | 5.8 | 22.00 | 6.3 |
| **1729** | 6.8 | 31.6 | 8.3 | 9.2 | 19.8 | 6.1 | 22.00 | 6.8 |
| **1730** | 6.8 | 31.6 | 8.8 | 9.4 | 20.3 | 7.0 | 22.00 | 7.5 |
| **1731** | 6.6 | 31.3 | 8.0 | 9.4 | 20.3 | 7.2 | 23.00 | 8.2 |
| **1732** | 6.6 | 31.3 | 8.2 | 9.3 | 20.1 | 7.6 | 23.00 | 8.7 |
| **1733** | 6.6 | 31.3 | 6.6 | 9.5 | 20.5 | 7.6 | 23.00 | 8.5 |
| **1734** | 6.6 | 31.3 | 5.5 | 9.4 | 20.2 | 6.8 | 23.00 | 7.8 |
| **1735** | 6.6 | 31.3 | 5.9 | 9.4 | 20.2 | 6.5 | 23.00 | 7.4 |
| **1736** | 6.6 | 31.3 | 6.4 | 9.7 | 20.9 | 6.8 | 23.00 | 7.5 |
| **1737** | 6.6 | 31.3 | 7.6 | 9.5 | 20.5 | 7.0 | 24.00 | 8.2 |
| **1738** | 6.6 | 31.3 | 7.3 | 9.3 | 20.1 | 7.0 | 24.00 | 8.4 |
| **1739** | 6.6 | 31.3 | 7.2 | 9.5 | 20.4 | 7.1 | 24.00 | 8.4 |
| **1740** | 6.6 | 31.3 | 6.9 | 9.1 | 19.5 | 5.9 | 24.00 | 7.3 |
| **1741** | 6.5 | 33.1 | 6.5 | 9.4 | 20.2 | 6.3 | 24.00 | 7.5 |
| **1742** | 6.5 | 33.1 | 6.7 | 9.2 | 19.9 | 6.7 | 24.00 | 8.1 |
| **1743** | 6.5 | 33.1 | 6.5 | 9.7 | 20.9 | 7.5 | 24.00 | 8.6 |
| **1744** | 6.5 | 33.1 | 6.9 | 10.0 | 21.6 | 8.0 | 24.00 | 8.9 |
| **1745** | 6.5 | 33.1 | 6.7 | 9.8 | 21.0 | 7.3 | 24.00 | 8.3 |
| **1746** | 6.5 | 33.1 | 5.8 | 9.9 | 21.3 | 7.2 | 24.00 | 8.1 |
| **1747** | 6.5 | 33.1 | 5.3 | 9.6 | 20.7 | 7.3 | 24.00 | 8.4 |
| **1748** | 6.5 | 33.1 | 5.3 | 9.5 | 20.4 | 6.9 | 24.00 | 8.1 |
| **1749** | 6.5 | 33.1 | 5.9 | 9.4 | 20.4 | 6.9 | 24.00 | 8.2 |
| **1750** | 6.5 | 33.1 | 5.4 | 9.3 | 20.0 | 6.9 | 24.00 | 8.2 |
| **1751** | 6.3 | 32.1 | 5.3 | 9.3 | 20.0 | 6.5 | 24.00 | 7.7 |
| **1752** | 6.3 | 32.1 | 5.8 | 9.5 | 20.5 | 6.6 | 24.00 | 7.8 |
| **1753** | 6.3 | 32.1 | 6.8 | 9.5 | 20.5 | 6.7 | 24.00 | 7.8 |
| **1754** | 6.3 | 32.1 | 6.9 | 9.9 | 21.3 | 7.4 | 24.00 | 8.4 |
| **1755** | 6.3 | 32.1 | 6.3 | 9.5 | 20.5 | 6.8 | 24.00 | 8.0 |
| **1756** | 6.3 | 32.1 | 6.0 | 9.7 | 20.8 | 5.9 | 24.00 | 6.8 |
| **1757** | 6.3 | 32.1 | 5.9 | 9.5 | 20.4 | 5.8 | 24.00 | 6.8 |
| **1758** | 6.3 | 32.1 | 6.1 | 9.6 | 20.8 | 6.8 | 24.00 | 7.9 |
| **1759** | 6.3 | 32.1 | 6.1 | 9.4 | 20.3 | 7.1 | 24.00 | 8.4 |
| **1760** | 6.3 | 32.1 | 6.7 | 10.1 | 21.8 | 7.7 | 24.00 | 8.4 |
| **1761** | 6.3 | 32.1 | 6.9 | 9.9 | 21.3 | 7.6 | 24.00 | 8.5 |
| **1762** | 6.3 | 32.1 | 7.2 | 9.8 | 21.1 | 6.9 | 24.00 | 7.9 |
| **1763** | 6.3 | 32.1 | 6.8 | 9.8 | 21.0 | 6.6 | 24.00 | 7.5 |
| **1764** | 6.3 | 32.1 | 6.3 | 10.0 | 21.5 | 6.5 | 24.00 | 7.3 |
| **1765** | 6.3 | 32.1 | 5.9 | 9.8 | 21.2 | 6.4 | 24.00 | 7.2 |
| **1766** | 6.3 | 32.1 | 5.3 | 9.7 | 20.9 | 5.8 | 24.00 | 6.7 |
| **1767** | 6.3 | 32.1 | 5.2 | 9.8 | 21.1 | 5.8 | 24.00 | 6.6 |
| **1768** | 6.3 | 32.1 | 5.4 | 9.8 | 21.0 | 6.3 | 24.00 | 7.2 |
| **1769** | 6.3 | 32.1 | 5.7 | 10.0 | 21.6 | 6.8 | 24.00 | 7.6 |
| **1770** | 6.3 | 32.1 | 5.4 | 9.9 | 21.3 | 6.3 | 24.00 | 7.1 |
| **1771** | 6.3 | 32.1 | 5.1 | 10.1 | 21.7 | 5.9 | 24.00 | 6.5 |
| **1772** | 6.3 | 32.1 | 4.6 | 10.2 | 22.0 | 5.7 | 24.00 | 6.2 |

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| **1773** | 6.3 | 32.1 | 4.6 | 10.1 | 21.8 | 5.8 | 24.00 | 6.3 |
| **1774** | 6.3 | 32.1 | 4.3 | 10.0 | 21.5 | 5.3 | 26.50 | 6.6 |
| **1775** | 6.3 | 32.1 | 4.2 | 10.3 | 22.3 | 6.4 | 26.50 | 7.6 |
| **1776** | 6.3 | 32.1 | 5.1 | 10.4 | 22.4 | 6.3 | 26.50 | 7.5 |
| **1777** | 6.3 | 32.1 | 4.6 | 10.7 | 23.1 | 6.4 | 29.00 | 8.0 |
| **1778** | 6.3 | 32.1 | 3.9 | 10.9 | 23.4 | 7.0 | 29.00 | 8.6 |
| **1779** | 6.3 | 32.1 | 4.7 | 10.6 | 22.9 | 6.9 | 29.00 | 8.7 |
| **1780** | 6.3 | 32.1 | 5.3 | 10.8 | 23.2 | 6.4 | 29.00 | 8.0 |
| **1781** | 6.1 | 31.9 | 5.0 | 10.6 | 22.8 | 6.5 | 29.00 | 8.3 |
| **1782** | 6.1 | 31.9 | 4.5 | 10.6 | 22.9 | 6.3 | 29.00 | 8.0 |
| **1783** | 6.1 | 31.9 | 4.3 | 10.7 | 23.0 | 6.2 | 29.00 | 7.9 |
| **1784** | 6.1 | 31.9 | 4.5 | 10.9 | 23.5 | 6.4 | 29.00 | 7.9 |
| **1785** | 6.1 | 31.9 | 4.8 | 10.9 | 23.4 | 6.5 | 29.00 | 8.1 |
| **1786** | 6.1 | 31.9 | 5.0 | 10.9 | 23.5 | 6.7 | 29.00 | 8.3 |
| **1787** | 6.1 | 31.9 | 4.5 | 11.0 | 23.8 | 6.4 | 29.00 | 7.9 |
| **1788** | 6.1 | 31.9 | 4.9 | 11.1 | 23.9 | 6.5 | 29.00 | 7.8 |
| **1789** | 6.1 | 31.9 | 4.9 | 11.2 | 24.1 | 6.2 | 29.00 | 7.4 |
| **1790** | 6.1 | 31.9 | 4.7 | 11.2 | 24.0 | 6.2 | 29.00 | 7.5 |
| **1791** | 6.1 | 32.2 | 5.3 | 11.6 | 24.9 | 6.8 | 29.00 | 8.0 |
| **1792** | 6.1 | 32.2 | 4.9 | 11.8 | 25.5 | 6.7 | 32.50 | 8.5 |
| **1793** | 6.1 | 32.2 | 4.1 | 12.3 | 26.6 | 6.7 | 32.50 | 8.2 |
| **1794** | 6.1 | 32.2 | 4.2 | 12.3 | 26.5 | 6.1 | 32.50 | 7.5 |
| **1795** | 6.1 | 32.2 | 4.0 | 12.5 | 26.9 | 5.3 | 32.50 | 6.4 |
| **1796** | 6.1 | 32.2 | 3.9 | 12.9 | 27.7 | 6.4 | 32.50 | 7.4 |
| **1797** | 6.1 | 32.2 | 3.9 | 13.1 | 28.2 | 6.3 | 36.00 | 8.0 |
| **1798** | 6.1 | 32.2 | 3.8 | 13.5 | 29.1 | 6.7 | 36.00 | 8.4 |
| **1799** | 6.1 | 32.2 | 3.4 | 13.2 | 28.5 | 5.2 | 36.00 | 6.6 |
| **1800** | 6.1 | 32.2 | 2.5 | 14.1 | 30.4 | 4.7 | 36.00 | 5.6 |
| **1801** | 6.1 | 32.2 | 2.4 | 15.2 | 32.8 | 6.0 | 36.00 | 6.6 |
| **1802** | 6.1 | 32.2 | 3.1 | 15.7 | 33.9 | 7.1 | 36.00 | 7.5 |
| **1803** | 6.1 | 32.2 | 3.4 | 15.7 | 33.9 | 7.5 | 39.50 | 8.7 |
| **1804** | 6.1 | 32.2 | 3.7 | 16.7 | 36.1 | 6.5 | 39.50 | 7.2 |
| **1805** | 6.1 | 32.2 | 3.6 | 17.1 | 36.8 | 7.0 | 39.50 | 7.5 |
| **1806** | 6.1 | 32.2 | 3.4 | 17.4 | 37.4 | 7.0 | 39.50 | 7.3 |
| **1807** | 6.1 | 32.2 | 3.8 | 17.6 | 38.0 | 7.2 | 43.00 | 8.2 |
| **1808** | 6.1 | 32.2 | 4.1 | 18.4 | 39.6 | 7.0 | 43.00 | 7.6 |
| **1809** | 6.1 | 32.2 | 4.1 | 18.6 | 40.1 | 6.6 | 43.00 | 7.1 |
| **1810** | 6.1 | 32.2 | 3.2 | 19.2 | 41.5 | 7.1 | 48.00 | 8.2 |
| **1811** | 6.1 | 32.2 | 2.7 | 20.0 | 43.1 | 6.9 | 48.00 | 7.7 |
| **1812** | 6.1 | 32.2 | 2.9 | 20.5 | 44.1 | 6.9 | 48.00 | 7.5 |
| **1813** | 6.1 | 32.2 | 3.3 | 21.0 | 45.2 | 8.2 | 48.00 | 8.7 |
| **1814** | 6.1 | 32.2 | 3.3 | 21.3 | 46.0 | 8.7 | 48.00 | 9.0 |
| **1815** | 6.1 | 32.2 | 2.7 | 21.1 | 45.4 | 9.2 | 48.00 | 9.7 |
| **1816** | 6.1 | 32.2 | 2.5 | 19.3 | 44.3 | 6.6 | 48.00 | 7.2 |
| **1817** | 6.1 | 32.2 | 2.6 | 19.4 | 42.8 | 7.1 | 48.00 | 7.9 |
| **1818** | 6.1 | 32.2 | 3.7 | 18.6 | 42.2 | 7.1 | 48.00 | 8.1 |
| **1819** | 6.1 | 32.2 | 4.2 | 19.7 | 43.4 | 7.7 | 48.00 | 8.5 |
| **1820** | 6.1 | 32.2 | 4.0 | 20.4 | 42.9 | 8.2 | 48.00 | 9.2 |
| **1821** | 6.1 | 32.2 | 3.7 | 20.5 | 41.9 | 9.0 | 48.00 | 10.3 |
| **1822** | 6.1 | 32.2 | 4.0 | 19.8 | 40.8 | 10.1 | 48.00 | 11.9 |
| **1823** | 7.0 | 36.8 | 4.6 | 19.5 | 40.1 | 9.1 | 48.00 | 10.9 |
| **1824** | 7.0 | 36.8 | 5.0 | 19.5 | 40.4 | 8.4 | 48.00 | 9.9 |
| **1825** | 7.0 | 36.8 | 4.7 | 20.2 | 42.8 | 8.3 | 48.00 | 9.4 |
| **1826** | 7.0 | 36.8 | 5.0 | 20.5 | 42.7 | 8.6 | 48.00 | 9.6 |
| **1827** | 7.0 | 36.8 | 4.4 | 20.9 | 43.3 | 9.2 | 48.00 | 10.2 |
| **1828** | 7.0 | 36.8 | 4.0 | 20.8 | 43.2 | 9.6 | 48.00 | 10.7 |
| **1829** | 7.0 | 36.8 | 4.0 | 20.5 | 42.4 | 9.1 | 48.00 | 10.3 |
| **1830** | 7.0 | 36.8 | 4.2 | 20.9 | 43.1 | 9.5 | 48.00 | 10.6 |
| **1831** | 7.0 | 36.8 | 4.2 | 20.4 | 42.0 | 9.1 | 48.00 | 10.5 |
| **1832** | 7.0 | 36.8 | 4.4 | 20.5 | 42.2 | 9.5 | 48.00 | 10.8 |
| **1833** | 7.0 | 36.8 | 4.5 | 20.8 | 42.8 | 10.0 | 48.00 | 11.2 |

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| **1834** | 7.0 | 36.8 | 4.7 | 20.0 | 41.6 | 10.0 | 48.00 | 11.5 |
| **1835** | 7.0 | 36.8 | 4.8 | 21.4 | 44.3 | 11.0 | 48.00 | 11.9 |
| **1836** | 7.0 | 36.8 | 4.1 | 20.5 | 42.7 | 9.8 | 48.00 | 11.0 |
| **1837** | 7.0 | 36.8 | 3.5 | 21.1 | 43.8 | 9.4 | 48.00 | 10.3 |
| **1838** | 7.0 | 36.8 | 3.9 | 20.5 | 42.4 | 8.8 | 48.00 | 10.0 |
| **1839** | 7.0 | 36.8 | 3.8 | 20.4 | 42.7 | 8.6 | 48.00 | 9.7 |
| **1840** | 7.0 | 36.8 | 3.7 | 19.7 | 41.4 | 8.4 | 48.00 | 9.8 |
| **1841** | 7.0 | 36.8 | 4.0 | 20.9 | 43.6 | 9.2 | 48.00 | 10.1 |
| **1842** | 7.0 | 36.8 | 4.1 | 21.3 | 43.9 | 9.9 | 48.00 | 10.9 |
| **1843** | 7.0 | 36.8 | 3.9 | 20.9 | 42.9 | 10.3 | 48.00 | 11.5 |
| **1844** | 7.0 | 36.8 | 3.9 | 20.4 | 42.2 | 10.1 | 48.00 | 11.4 |
| **1845** | 7.0 | 36.8 | 4.1 | 21.0 | 43.3 | 10.5 | 48.00 | 11.6 |
| **1846** | 7.0 | 36.8 | 3.9 | 20.8 | 43.0 | 10.0 | 48.00 | 11.2 |
| **1847** | 7.0 | 36.8 | 3.5 | 21.6 | 44.9 | 9.3 | 49.00 | 10.1 |
| **1848** | 7.0 | 36.8 | 3.8 | 21.0 | 43.4 | 10.2 | 49.00 | 11.6 |
| **1849** | 7.0 | 36.8 | 3.9 | 21.4 | 44.4 | 11.3 | 49.00 | 12.5 |
| **1850** | 7.0 | 36.8 | 4.2 | 21.1 | 44.1 | 11.6 | 49.00 | 12.8 |