

Data Set 14: Coin Weights (grams)

The "pre-1983 pennies" were made after the Indian and wheat pennies, and they are 97% copper and 3% zinc. The "post-1983 pennies" are 3% copper and 97% zinc. The "pre-1964 silver quarters" are 90% silver and 10% copper. The "post-1964 quarters" are made with a copper-nickel alloy.



STATDISK: Data set name is Coins.
Minitab: Worksheet name is COINS.MTW.
Excel: Workbook name is COINS.XLS.
TI-83/84 Plus: App name is COINS, and the file names are the same as for text files.
Text file names: Text file names are CPIND, CPWHT, CPPRE, CPPST, CPCAN, CQPRE, CQPST, CDOL.

| Indian Pennies | Wheat Pennies | Pre-1983 Pennies | Post-1983 Pennies | Canadian Pennies | Pre-1964 Quarters | Post-1964 Quarters | Dollar Coins |
|----------------|---------------|------------------|-------------------|------------------|-------------------|--------------------|--------------|
| 3.0630 | 3.1366 | 3.1582 | 2.5113 | 3.2214 | 6.2771 | 5.7027 | 8.1008 |
| 3.0487 | 3.0755 | 3.0406 | 2.4907 | 3.2326 | 6.2371 | 5.7495 | 8.1072 |
| 2.9149 | 3.1692 | 3.0762 | 2.5024 | 2.4662 | 6.1501 | 5.7050 | 8.0271 |
| 3.1358 | 3.0476 | 3.0398 | 2.5298 | 2.8357 | 6.0002 | 5.5941 | 8.0813 |
| 2.9753 | 3.1029 | 3.1043 | 2.4950 | 3.3189 | 6.1275 | 5.7247 | 8.0241 |
| | 3.0377 | 3.1274 | 2.5127 | 3.2612 | 6.2151 | 5.6114 | 8.0510 |
| | 3.1083 | 3.0775 | 2.4998 | 3.2441 | 6.2866 | 5.6160 | 7.9817 |
| | 3.1141 | 3.1038 | 2.4848 | 2.4679 | 6.0760 | 5.5999 | 8.0954 |
| | 3.0976 | 3.1086 | 2.4823 | 2.7202 | 6.1426 | 5.7790 | 8.0658 |
| | 3.0862 | 3.0586 | 2.5163 | 2.5120 | 6.3415 | 5.6841 | 8.1238 |
| | 3.0570 | 3.0603 | 2.5222 | | 6.1309 | 5.6234 | 8.1281 |
| | 3.0765 | 3.0502 | 2.5004 | | 6.2412 | 5.5928 | 8.0307 |
| | 3.1114 | 3.1028 | 2.5248 | | 6.1442 | 5.6486 | 8.0719 |
| | 3.0965 | 3.0522 | 2.5058 | | 6.1073 | 5.6661 | 8.0345 |
| | 3.0816 | 3.0546 | 2.4900 | | 6.1181 | 5.5361 | 8.0775 |
| | 3.0054 | 3.0185 | 2.5068 | | 6.1352 | 5.5491 | 8.1384 |
| | 3.1934 | 3.0712 | 2.5016 | | 6.2821 | 5.7239 | 8.1041 |
| | 3.1461 | 3.0717 | 2.4797 | | 6.2647 | 5.6555 | 8.0894 |
| | 3.0185 | 3.0546 | 2.5067 | | 6.2908 | 5.6063 | 8.0538 |
| | 3.1267 | 3.0817 | 2.5139 | | 6.1661 | 5.5709 | 8.0342 |
| | 3.1524 | 3.0704 | 2.4762 | | 6.2674 | 5.5591 | |
| | 3.0786 | 3.0797 | 2.5004 | | 6.2718 | 5.5864 | |
| | 3.0131 | 3.0713 | 2.5170 | | 6.1949 | 5.6872 | |
| | 3.1535 | 3.0631 | 2.4925 | | 6.2465 | 5.6274 | |
| | 3.0480 | 3.0866 | 2.4876 | | 6.3172 | 5.6157 | |
| | 3.0050 | 3.0763 | 2.4933 | | 6.1487 | 5.6668 | |
| | 3.0290 | 3.1299 | 2.4806 | | 6.0829 | 5.7198 | |
| | 3.1038 | 3.0846 | 2.4907 | | 6.1423 | 5.6694 | |
| | 3.0357 | 3.0917 | 2.5017 | | 6.1970 | 5.5454 | |
| | 3.0064 | 3.0877 | 2.4950 | | 6.2441 | 5.6646 | |
| | 3.0936 | 2.9593 | 2.4973 | | 6.3669 | 5.5636 | |
| | 3.1031 | 3.0966 | 2.5252 | | 6.0775 | 5.6485 | |
| | 3.0408 | 2.9800 | 2.4978 | | 6.1095 | 5.6703 | |
| | 3.0561 | 3.0934 | 2.5073 | | 6.1787 | 5.6848 | |
| | 3.0994 | 3.1340 | 2.4658 | | 6.2130 | 5.5609 | |
| | | | 2.4529 | | 6.1947 | 5.7344 | |
| | | | 2.5085 | | 6.1940 | 5.6449 | |
| | | | | | 6.0257 | 5.5804 | |
| | | | | | 6.1719 | 5.6010 | |
| | | | | | 6.3278 | 5.6022 | |