

Red blood cell (RBC) folate (nmol/L)

Mean and selected percentiles of whole blood concentrations, by DRI age groups and sex, Canada household population, Canadian Health Measures Survey 2007 to 2009

Sex	Age Group	n	Mean (95% conf. interval)	Selected percentiles (95% confidence intervals)						
				5 th	10 th	25 th	50 th	75 th	90 th	95 th
Males	9-13	410	1212 (1142,1283)	544 (420,668)	719 (637,801)	992 (877,1106)	1189 (1127,1251)	1459 (1362,1556)	1694 (1521,1867)	1894 (1718,2070)
	14-18	282	1113 (1030,1196)	581 (480,682)	660 (569,752)	839 (722,956)	1098 (997,1198)	1309 (1219,1399)	1514 (1322,1706)	1800 (1512,2087)
	19-30	293	1176 (1067,1286)	577 (425,728)	679 (567,791)	870 (754,986)	1159 (981,1338)	1425 (1288,1562)	1731 (1529,1933)	1919 (1714,2124)
	31-50	645	1293 (1217,1370)	619 (524,713)	763 (685,840)	977 (877,1077)	1233 (1130,1335)	1528 (1382,1673)	1872 (1790,1953)	2108 (1958,2258)
	51-70	543	1434 (1278,1590)	636 (527,745)	776 (671,880)	984 (842,1127)	1325 (1127,1523)	1789 (1609,1969)	2245 (1994,2495)	2525 (2298,2752)
	71-79	164	1454 (1267,1640)	617 (440,793)	735 (483,986)	1015 (813,1216)	1356 (1147,1565)	1817 (1608,2025)	2224 (1791,2658)	2581 (2102,3059)
	19-79	1645	1316 (1223,1409)	619 (540,698)	728 (653,803)	951 (863,1039)	1254 (1157,1350)	1616 (1485,1746)	1980 (1836,2125)	2243 (2039,2447)
Females	9-13	382	1132 (1053,1211)	546 (382,709)	627 (468,787)	883 (753,1014)	1092 (1040,1143)	1359 (1277,1440)	1652 (1595,1709)	1755 (1675,1835)
	14-18	288	1167 (1045,1289)	594 (514,673)	681 (606,756)	847 (731,964)	1148 (996,1301)	1454 (1281,1626)	1790 (1554,2025)	1827 (1685,1969)
	19-30	332	1235 (1098,1373)	611 (430,792)	748 (616,879)	938 (815,1061)	1164 (1024,1304)	1425 (1270,1581)	1777 (1518,2035)	2060 (1779,2342)
	31-50	778	1383 (1271,1494)	619 (509,729)	757 (666,848)	993 (880,1105)	1266 (1142,1391)	1688 (1559,1816)	2112 (1954,2269)	2409 (2091,2728)
	51-70	569	1505 (1396,1614)	666 (486,846)	849 (767,930)	1048 (921,1176)	1367 (1243,1491)	1874 (1708,2040)	2377 (2156,2598)	2710 (2467,2952)
	71-79	172	1600 (1282,1919)	549^E (287,811)	759 (485,1032)	1037 (658,1416)	1556 (1238,1874)	1957 (1448,2467)	2639 (2167,3111)	2844 (2467,3222)
	19-79	1851	1403 (1296,1510)	633 (522,745)	774 (685,864)	987 (899,1074)	1300 (1201,1399)	1698 (1560,1836)	2167 (2002,2331)	2535 (2266,2805)

Data source: Canadian Health Measures Survey, Cycle 1

E Data with a coefficient of variation (CV) from 16.6% to 33.3%; use with caution

Notes

Total household population aged 9 to 79, except those meeting the exclusion criteria. For more information regarding the exclusion criteria, please refer to the [Canadian Health Measures Survey \(CHMS\) Data User Guide: Cycle 1](#).

Bootstrap weights included with the dataset were used to estimate the 95% confidence intervals for all means and percentiles assuming a student's t-distribution with 11 degrees of freedom.

A chemiluminescent immunoassay (Immulite 2000 by DPC) was used to measure folate levels.