

Table 44

Distribution of the household population by the concentration of whole blood red cell folate, by age and sex, Canada, 2007 to 2009

Concentration of whole blood red cell folate												
Mean				5 th percentile			10 th percentile			25 th percentile		
Estimate	Confidence interval			Estimate	Confidence interval		Estimate	Confidence interval		Estimate	Confidence interval	
	From	To		From	To		From	To		From	To	
nanomoles per litre												
Both sexes												
Age 6 to 11	1,250	1,195	1,306	668	562	774	775	695	855	1,007	946	1,068
Age 12 to 19	1,137	1,058	1,217	594	555	632	661	592	730	848	756	940
Age 20 to 39	1,260	1,191	1,329	638	525	752	749	668	830	944	886	1,001
Age 40 to 59	1,383	1,281	1,484	622	572	672	751	674	828	987	888	1,086
Age 60 to 79	1,516	1,397	1,635	634	513	756	800	709	891	1,058	951	1,165
Age 6 to 19	1,179	1,113	1,245	597	554	641	699	632	766	901	820	982
Age 20 to 79	1,363	1,279	1,447	623	545	701	758	691	825	971	905	1,038
Age 6 to 79	1,331	1,250	1,411	622	553	691	741	675	807	960	890	1,030
Males												
Age 6 to 11	1,274	1,211	1,336	675	583	767	786	695	877	1,073	993	1,153
Age 12 to 19	1,125	1,047	1,202	560	495	626	647	571	723	841	733	948
Age 20 to 39	1,241	1,176	1,306	658	561	756	740	664	817	939	883	995
Age 40 to 59	1,332	1,226	1,437	618	549	686	715	617	814	951	837	1,065
Age 60 to 79	1,453	1,307	1,600	633	500	765	764	642	886	1,005	878	1,132
Age 6 to 19	1,180	1,112	1,248	592	542	642	691	615	767	913	824	1,001
Age 20 to 79	1,320	1,238	1,402	622	551	693	732	671	794	957	882	1,033
Age 6 to 79	1,295	1,217	1,372	619	557	681	726	667	786	950	876	1,024
Females												
Age 6 to 11	1,225	1,164	1,286	643	502	783	765	680	850	967	903	1,032
Age 12 to 19	1,151	1,060	1,242	602	548	656	681	610	753	849	762	935
Age 20 to 39	1,279	1,180	1,379	600	461	740	749	635	863	944	868	1,019
Age 40 to 59	1,433	1,322	1,544	626	545	707	781	696	865	1,005	878	1,131
Age 60 to 79	1,573	1,468	1,678	661	524	798	814	729	898	1,119	1,030	1,208
Age 6 to 19	1,179	1,109	1,249	603	539	667	701	636	766	889	811	967
Age 20 to 79	1,406	1,310	1,502	634	533	735	772	692	853	987	909	1,065
Age 6 to 79	1,367	1,277	1,456	623	537	709	757	679	834	966	888	1,045

Concentration of whole blood red cell folate												
50 th percentile				75 th percentile			90 th percentile			95 th percentile		
Estimate	Confidence interval			Estimate	Confidence interval		Estimate	Confidence interval		Estimate	Confidence interval	
	From	To		From	To		From	To		From	To	
nanomoles per litre												
Both sexes												
Age 6 to 11	1,212	1,141	1,283	1,492	1,441	1,542	1,726	1,674	1,779	1,872	1,786	1,959
Age 12 to 19	1,120	1,047	1,193	1,378	1,281	1,474	1,686	1,544	1,828	1,846	1,711	1,982
Age 20 to 39	1,191	1,123	1,259	1,482	1,392	1,572	1,873	1,753	1,992	2,108	1,938	2,279
Age 40 to 59	1,292	1,181	1,402	1,697	1,562	1,831	2,120	1,987	2,253	2,429	2,224	2,634
Age 60 to 79	1,410	1,285	1,536	1,899	1,769	2,028	2,395	2,154	2,636	2,737	2,513	2,960
Age 6 to 19	1,150	1,097	1,204	1,423	1,354	1,493	1,710	1,620	1,799	1,847	1,742	1,952
Age 20 to 79	1,266	1,191	1,342	1,672	1,568	1,777	2,098	1,973	2,222	2,404	2,226	2,582
Age 6 to 79	1,248	1,173	1,323	1,619	1,514	1,724	2,044	1,920	2,169	2,316	2,165	2,467
Males												
Age 6 to 11	1,249	1,168	1,330	1,520	1,440	1,600	1,729	1,642	1,816	1,852	1,776	1,929
Age 12 to 19	1,125	1,047	1,203	1,353	1,266	1,440	1,593	1,453	1,732	1,898	1,700	2,096
Age 20 to 39	1,211	1,124	1,297	1,454	1,376	1,533	1,816	1,702	1,930	1,928	1,777	2,079
Age 40 to 59	1,256	1,122	1,391	1,690	1,532	1,848	2,072	1,921	2,223	2,291	2,153	2,429
Age 60 to 79	1,355	1,214	1,497	1,800	1,619	1,981	2,289	1,998	2,579	2,584	2,257	2,910
Age 6 to 19	1,158	1,105	1,212	1,415	1,346	1,485	1,680	1,589	1,770	1,885	1,749	2,021
Age 20 to 79	1,255	1,171	1,339	1,622	1,507	1,738	1,994	1,862	2,125	2,249	2,073	2,425
Age 6 to 79	1,233	1,148	1,317	1,566	1,460	1,673	1,925	1,811	2,040	2,216	2,057	2,376
Females												
Age 6 to 11	1,164	1,084	1,243	1,454	1,405	1,503	1,715	1,659	1,772	1,884	1,758	2,010
Age 12 to 19	1,113	1,029	1,198	1,413	1,281	1,545	1,729	1,574	1,884	1,822	1,708	1,936
Age 20 to 39	1,175	1,097	1,253	1,549	1,399	1,700	2,013	1,778	2,247	2,256	2,089	2,424
Age 40 to 59	1,337	1,222	1,451	1,726	1,573	1,879	2,220	2,005	2,436	2,656	2,371	2,940
Age 60 to 79	1,488	1,356	1,619	1,938	1,835	2,041	2,461	2,188	2,735	2,834	2,645	3,023
Age 6 to 19	1,127	1,061	1,194	1,442	1,360	1,525	1,724	1,621	1,827	1,832	1,746	1,918
Age 20 to 79	1,300	1,211	1,389	1,706	1,581	1,831	2,172	2,029	2,315	2,552	2,310	2,794
Age 6 to 79	1,261	1,175	1,347	1,664	1,557	1,771	2,112	1,984	2,240	2,461	2,228	2,694

Note(s): Total household population aged 6 to 79, except those meeting the exclusion criteria (see the *Canadian Health Measures Survey (CHMS) Data User Guide: Cycle 1*).

Source(s): Canadian Health Measures Survey, Cycle 1.