

Table 47
Distribution of the household population (fasted sub-sample) by the concentration of serum triglycerides, by age and sex, Canada, 2007 to 2009

	Concentration of serum triglycerides - fasted sub-sample											
	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
millimoles per litre												
Both sexes												
Age 6 to 11	0.76	0.70	0.82	0.30	0.25	0.35	0.36	0.32	0.40	0.49	0.45	0.53
Age 12 to 19	0.94	0.88	1.00	0.38	0.33	0.43	0.45	0.41	0.49	0.59	0.54	0.64
Age 20 to 39	1.16	1.07	1.25	0.43	0.30	0.56	0.52	0.45	0.59	0.70	0.67	0.73
Age 40 to 59	1.40	1.27	1.52	0.46	0.41	0.51	0.54	0.49	0.59	0.83	0.76	0.90
Age 60 to 79	1.60	1.50	1.70	0.61	0.54	0.68	0.74	0.69	0.79	0.99	0.93	1.05
Age 6 to 19	0.87	0.82	0.92	0.33	0.29	0.37	0.40	0.35	0.45	0.53	0.49	0.57
Age 20 to 79	1.35	1.26	1.44	0.47	0.43	0.51	0.56	0.51	0.61	0.77	0.74	0.80
Age 6 to 79	1.26	1.18	1.34	0.43	0.38	0.48	0.51	0.48	0.54	0.73	0.70	0.76
Males												
Age 6 to 11	0.72	0.66	0.78	0.27	0.22	0.32	0.32	0.26	0.38	0.44	0.36	0.52
Age 12 to 19	0.92	0.81	1.03	0.28	0.21	0.35	0.39	0.33	0.45	0.56	0.47	0.65
Age 20 to 39	1.26	1.11	1.40	0.48	0.35	0.61	0.60	0.48	0.72	0.73	0.65	0.81
Age 40 to 59	1.46	1.30	1.61	0.46	0.41	0.51	0.53	0.44	0.62	0.92	0.79	1.05
Age 60 to 79	1.66	1.50	1.82	0.63	0.56	0.70	0.74	0.70	0.78	1.03	0.85	1.21
Age 6 to 19	0.84	0.77	0.91	0.28	0.23	0.33	0.36	0.31	0.41	0.50	0.43	0.57
Age 20 to 79	1.42	1.31	1.53	0.48	0.42	0.54	0.61	0.53	0.69	0.83	0.75	0.91
Age 6 to 79	1.31	1.21	1.40	0.42	0.37	0.47	0.51	0.47	0.55	0.73	0.70	0.76
Females												
Age 6 to 11	0.81	0.73	0.89	0.37	0.33	0.41	0.41	0.35	0.47	0.51	0.46	0.56
Age 12 to 19	0.96	0.88	1.04	0.44	0.41	0.47	0.48	0.44	0.52	0.62	0.54	0.70
Age 20 to 39	1.07	0.96	1.17	0.33 ^E	0.18	0.48	0.50	0.42	0.58	0.67	0.63	0.71
Age 40 to 59	1.34	1.17	1.51	0.46	0.36	0.56	0.54	0.46	0.62	0.76	0.66	0.86
Age 60 to 79	1.54	1.38	1.70	0.60	0.49	0.71	0.74	0.61	0.87	0.97	0.89	1.05
Age 6 to 19	0.90	0.85	0.95	0.41	0.36	0.46	0.46	0.43	0.49	0.58	0.53	0.63
Age 20 to 79	1.28	1.18	1.38	0.45	0.38	0.52	0.54	0.49	0.59	0.74	0.70	0.78
Age 6 to 79	1.21	1.13	1.30	0.44	0.39	0.49	0.51	0.48	0.54	0.71	0.67	0.75

	Concentration of serum triglycerides - fasted sub-sample											
	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
millimoles per litre												
Both sexes												
Age 6 to 11	0.67	0.60	0.74	0.97	0.89	1.05	1.28	1.21	1.35	1.50	1.35	1.65
Age 12 to 19	0.83	0.75	0.91	1.12	1.06	1.18	1.60	1.36	1.84	2.05	1.85	2.25
Age 20 to 39	0.96	0.89	1.03	1.53	1.38	1.68	1.94	1.68	2.20	2.37	1.99	2.75
Age 40 to 59	1.21	1.08	1.34	1.79	1.57	2.01	2.45	2.24	2.66	2.97	2.60	3.34
Age 60 to 79	1.39	1.30	1.48	1.92	1.73	2.11	2.76	2.29	3.23	3.29	2.91	3.67
Age 6 to 19	0.77	0.72	0.82	1.07	1.02	1.12	1.43	1.33	1.53	1.84	1.62	2.06
Age 20 to 79	1.14	1.05	1.23	1.69	1.57	1.81	2.38	2.17	2.59	2.89	2.56	3.22
Age 6 to 79	1.05	1.00	1.10	1.62	1.52	1.72	2.28	2.05	2.51	2.68	2.35	3.01
Males												
Age 6 to 11	0.65	0.57	0.73	0.91	0.80	1.02	1.16	1.07	1.25	1.39	1.23	1.55
Age 12 to 19	0.78	0.67	0.89	1.12	1.01	1.23	1.60	1.11	2.09	2.07	1.65	2.49
Age 20 to 39	1.01	0.83	1.19	1.63	1.45	1.81	2.10	1.77	2.43	2.67	2.13	3.21
Age 40 to 59	1.26	1.02	1.50	1.86	1.58	2.14	2.39	2.23	2.55	2.78	2.37	3.19
Age 60 to 79	1.47	1.27	1.67	2.06	1.85	2.27	2.96	2.58	3.34	3.29	3.03	3.55
Age 6 to 19	0.74	0.67	0.81	1.06	1.00	1.12	1.43	1.20	1.66	1.88	1.42	2.34
Age 20 to 79	1.24	1.10	1.38	1.79	1.64	1.94	2.39	2.21	2.57	2.95	2.68	3.22
Age 6 to 79	1.09	1.01	1.17	1.69	1.56	1.82	2.33	2.13	2.53	2.82	2.51	3.13
Females												
Age 6 to 11	0.71	0.65	0.77	0.99	0.86	1.12	1.33	1.16	1.50	1.55	1.13	1.97
Age 12 to 19	0.85	0.75	0.95	1.11	0.97	1.25	1.60	1.34	1.86	1.92	1.71	2.13
Age 20 to 39	0.92	0.81	1.03	1.38	1.19	1.57	1.76	1.41	2.11	2.26	1.87	2.65
Age 40 to 59	1.13	0.97	1.29	1.76	1.45	2.07	2.55	2.05	3.05	3.03	2.59	3.47
Age 60 to 79	1.31	1.24	1.38	1.82	1.57	2.07	2.52	2.01	3.03	3.40	2.54	4.26
Age 6 to 19	0.80	0.73	0.87	1.09	0.99	1.19	1.49	1.36	1.62	1.78	1.54	2.02
Age 20 to 79	1.09	0.99	1.19	1.62	1.49	1.75	2.32	1.97	2.67	2.70	2.23	3.17
Age 6 to 79	1.01	0.93	1.09	1.50	1.39	1.61	2.20	1.85	2.55	2.64	2.22	3.06

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

Note(s): Total household population aged 6 to 79 based on the fasted sub-sample, except those meeting the exclusion criteria. For more information regarding the exclusion criteria and the limit of detection for serum triglycerides, please refer to the *Canadian Health Measures Survey (CHMS) Data User Guide: Cycle 1*.

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