

LIPID REFERENCE VALUES

Serum total cholesterol (mg/dL) levels for persons 20 years of age and older. United States, 1988-94

Sex, Age and Race/Ethnicity	Number of Examined Persons	Mean	Selected percentile								
			5th	10th	15th	25th	50th	75th	85th	90th	95th
Men*											
20 years and older	7,531	202	139	151	160	173	200	228	244	255	273
20-34	2,298	186	131	142	148	161	183	209	223	233	253
35-44	1,323	206	143	154	163	180	205	232	247	257	267
45-54	904	216	154	167	178	191	214	242	255	266	283
55-64	1,004	216	154	167	174	189	214	243	258	270	282
65-74	1,058	212	149	163	175	186	209	237	248	263	284
75+	944	205	145	155	164	176	203	230	246	255	273
Women*											
20 years and older	8,531	206	143	153	161	175	201	233	251	265	284
20-34	2,651	184	132	141	148	158	181	205	219	231	248
35-44	1,645	195	144	153	160	171	192	215	234	243	257
45-54	1,013	217	157	166	174	187	212	243	259	274	298
55-64	1,045	235	167	184	191	204	229	261	276	286	307
65-74	1,075	233	170	181	189	204	232	258	276	289	308
75+	1,102	229	161	174	185	198	228	258	274	286	305
Mexican American											
Men	2,175	199	137	150	157	171	197	224	241	253	272
Women	2,165	198	139	148	156	167	193	223	238	249	274
Non-Hispanic black											
Men	1,923	198	136	147	155	169	195	222	239	251	275
Women	2,360	201	136	148	157	170	196	226	246	261	284
Non-Hispanic white											
Men	3,161	203	141	153	162	174	201	229	244	256	272
Women	3,645	208	144	155	163	177	203	235	252	267	284

* Total sample of men and women includes racial/ethnic groups other than those shown.

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National Cholesterol Education Program; National Heart, Lung, and Blood Institute; National Institutes of Health. NIH Publication No. 02-5215.

LIPID REFERENCE VALUES

Serum LDL cholesterol (mg/dL) levels for persons 20 years of age and older. United States, 1988-94

Sex, Age and Race/Ethnicity	Number of Examined Persons	Mean	Selected percentile								
			5th	10th	15th	25th	50th	75th	85th	90th	95th
Men*											
20 years and older	3,154	130	76	87	93	105	128	153	166	177	194
20-34	970	119	72	81	87	97	119	139	151	156	170
35-44	546	135	82	91	96	111	132	156	171	186	205
45-54	388	140	76	95	106	117	140	164	178	188	195
55-64	428	138	82	90	99	115	135	162	174	182	200
65-74	468	136	83	92	103	113	133	158	171	182	196
75+	354	132	86	92	97	109	128	151	167	177	194
Women*											
20 years and older	3,641	125	69	81	89	98	121	147	162	172	190
20-34	1,190	111	63	71	79	90	109	130	142	152	170
35-44	741	118	70	83	90	96	115	137	147	159	171
45-54	444	131	70	85	93	106	129	153	166	177	190
55-64	457	144	80	93	107	121	143	167	184	192	209
65-74	417	143	76	95	106	119	144	166	182	188	203
75+	392	145	83	102	106	119	144	167	186	196	209
Mexican American											
Men	913	124	71	78	85	98	121	144	160	171	188
Women	943	117	67	75	83	93	115	137	152	161	178
Non-Hispanic black											
Men	802	127	71	79	86	100	124	149	165	179	200
Women	1,012	122	63	77	84	97	119	145	161	172	193
Non-Hispanic white											
Men	1,317	131	79	88	95	106	129	154	167	177	194
Women	1,539	126	70	81	89	98	122	149	164	173	189

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LIPID REFERENCE VALUES

Serum HDL cholesterol (mg/dL) levels for persons 20 years of age and older. United States, 1988-94

Sex, Age and Race/Ethnicity	Number of Examined Persons	Mean	Selected percentile								
			5th	10th	15th	25th	50th	75th	85th	90th	95th
Men*											
20 years and older	7,473	46	28	30	34	37	44	53	58	62	72
20-34	2,285	46	28	32	34	38	45	53	59	62	69
35-44	1,306	45	28	30	32	36	43	52	57	61	73
45-54	893	45	26	30	32	35	42	52	58	66	75
55-64	999	45	28	31	34	36	42	51	57	61	71
65-74	1,052	46	28	30	32	36	43	54	58	64	73
75+	938	47	28	31	34	37	44	54	61	66	75
Women*											
20 years and older	8,478	55	34	38	41	44	53	64	70	75	83
20-34	2,640	55	34	38	41	45	53	64	69	74	83
35-44	1,628	54	34	38	41	44	53	64	68	72	79
45-54	1,004	56	36	38	41	45	55	65	72	77	84
55-64	1,039	56	33	37	40	44	53	65	73	78	89
65-74	1,071	56	33	37	40	45	54	65	71	76	84
75+	1,096	56	32	37	40	44	55	65	71	76	86
Mexican American											
Men	2,151	46	28	32	34	37	44	52	58	61	67
Women	2,156	52	33	36	38	42	51	60	66	71	77
Non-Hispanic black											
Men	1,916	52	32	35	37	41	50	60	68	74	85
Women	2,348	57	35	39	42	46	55	66	73	79	86
Non-Hispanic white											
Men	3,138	45	27	30	33	36	43	52	57	61	71
Women	3,615	56	34	38	41	45	54	64	70	76	84

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LIPID REFERENCE VALUES

Serum Triglyceride (mg/dL) levels for persons 20 years of age and older. United States, 1988-94

Sex, Age and Race/Ethnicity	Number of Examined Persons	Mean	Selected percentile								
			5th	10th	15th	25th	50th	75th	85th	90th	95th
Men*											
20 years and older	3,251	148	53	62	69	83	118	173	218	253	318
20-34	987	118	46	55	60	70	94	139	171	204	256
35-44	570	150	53	62	70	82	126	180	213	242	307
45-54	415	182	62	72	82	100	135	201	269	296	366
55-64	446	176	64	80	87	101	144	228	276	311	396
65-74	476	160	64	76	83	99	137	190	226	256	319
75+	357	144	64	71	82	96	125	175	200	220	304
Women*											
20 years and older	3,707	128	48	56	61	72	102	152	193	226	273
20-34	1,201	101	43	49	55	61	84	117	147	177	226
35-44	754	123	46	53	57	67	93	132	170	215	288
45-54	457	136	49	59	66	76	114	163	201	239	277
55-64	470	166	62	72	82	96	135	203	251	313	396
65-74	426	157	70	76	85	99	134	182	228	253	283
75+	399	150	64	74	79	94	130	178	211	235	274
Mexican American											
Men	955	152	53	60	69	83	120	184	225	259	361
Women	962	140	55	63	72	85	118	170	210	237	293
Non-Hispanic black											
Men	815	114	45	51	56	64	89	135	164	192	245
Women	1,021	96	41	46	51	58	79	113	142	162	207
Non-Hispanic white											
Men	1,357	152	55	64	71	85	123	181	223	258	319
Women	1,573	130	49	56	63	75	104	156	196	229	274

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