

Table 46
Distribution of hematocrit measured in whole blood for the household population, by age and sex, Canada, 2009 to 2011

| | Hematocrit | | | | | | | | | | | |
|--------------------|--------------|---------------------|--------------|----------------|---------------------|--------------|-----------------|---------------------|--------------|-----------------|---------------------|--------------|
| | Mean | | | 5th percentile | | | 10th percentile | | | 25th percentile | | |
| | Estimate | Confidence interval | | Estimate | Confidence interval | | Estimate | Confidence interval | | Estimate | Confidence interval | |
| | | From | To | | From | To | | From | To | | From | To |
| | L/L | | | | | | | | | | | |
| Both sexes | | | | | | | | | | | | |
| Age 3 to 5 | 0.377 | 0.373 | 0.381 | 0.346 | 0.338 | 0.353 | 0.352 | 0.348 | 0.357 | 0.365 | 0.361 | 0.369 |
| Age 6 to 11 | 0.389 | 0.383 | 0.395 | 0.351 | 0.346 | 0.355 | 0.356 | 0.350 | 0.362 | 0.372 | 0.366 | 0.378 |
| Age 12 to 19 | 0.417 | 0.412 | 0.421 | 0.362 | 0.355 | 0.369 | 0.375 | 0.367 | 0.382 | 0.393 | 0.387 | 0.398 |
| Age 20 to 39 | 0.425 | 0.421 | 0.430 | 0.367 | 0.364 | 0.370 | 0.376 | 0.370 | 0.382 | 0.398 | 0.392 | 0.403 |
| Age 40 to 59 | 0.421 | 0.417 | 0.426 | 0.367 | 0.362 | 0.373 | 0.378 | 0.372 | 0.384 | 0.395 | 0.389 | 0.401 |
| Age 60 to 79 | 0.415 | 0.411 | 0.420 | 0.349 | 0.335 | 0.363 | 0.370 | 0.360 | 0.380 | 0.391 | 0.386 | 0.395 |
| Age 3 to 79 | 0.418 | 0.414 | 0.421 | 0.362 | 0.358 | 0.367 | 0.371 | 0.367 | 0.376 | 0.391 | 0.387 | 0.394 |
| Age 6 to 79 | 0.419 | 0.415 | 0.423 | 0.363 | 0.359 | 0.368 | 0.373 | 0.368 | 0.377 | 0.392 | 0.389 | 0.396 |
| Males | | | | | | | | | | | | |
| Age 6 to 11 | 0.388 | 0.381 | 0.394 | 0.348 | 0.337 | 0.359 | 0.358 | 0.350 | 0.366 | 0.371 | 0.363 | 0.379 |
| Age 12 to 19 | 0.437 | 0.432 | 0.442 | 0.388 | 0.378 | 0.398 | 0.401 | 0.396 | 0.406 | 0.420 | 0.413 | 0.427 |
| Age 20 to 39 | 0.452 | 0.446 | 0.458 | 0.408 | 0.404 | 0.412 | 0.416 | 0.407 | 0.425 | 0.432 | 0.424 | 0.440 |
| Age 40 to 59 | 0.444 | 0.439 | 0.449 | 0.402 | 0.389 | 0.414 | 0.408 | 0.403 | 0.414 | 0.425 | 0.418 | 0.431 |
| Age 60 to 79 | 0.436 | 0.431 | 0.442 | 0.380 | 0.367 | 0.394 | 0.395 | 0.388 | 0.401 | 0.414 | 0.408 | 0.420 |
| Age 3 to 79 | 0.439 | 0.435 | 0.443 | 0.377 | 0.372 | 0.382 | 0.393 | 0.388 | 0.397 | 0.418 | 0.414 | 0.422 |
| Age 6 to 79 | 0.441 | 0.437 | 0.445 | 0.383 | 0.377 | 0.390 | 0.400 | 0.394 | 0.406 | 0.420 | 0.416 | 0.425 |
| Females | | | | | | | | | | | | |
| Age 6 to 11 | 0.390 | 0.384 | 0.397 | 0.351 | 0.346 | 0.356 | 0.355 | 0.345 | 0.365 | 0.373 | 0.365 | 0.382 |
| Age 12 to 19 | 0.395 | 0.389 | 0.401 | 0.354 | 0.346 | 0.362 | 0.362 | 0.355 | 0.370 | 0.379 | 0.371 | 0.386 |
| Age 20 to 39 | 0.398 | 0.395 | 0.402 | 0.361 | 0.353 | 0.369 | 0.367 | 0.364 | 0.370 | 0.382 | 0.376 | 0.388 |
| Age 40 to 59 | 0.399 | 0.393 | 0.404 | 0.363 | 0.355 | 0.371 | 0.367 | 0.362 | 0.373 | 0.383 | 0.375 | 0.390 |
| Age 60 to 79 | 0.396 | 0.391 | 0.401 | 0.337 | 0.320 | 0.355 | 0.353 | 0.337 | 0.370 | 0.380 | 0.372 | 0.389 |
| Age 3 to 79 | 0.397 | 0.393 | 0.401 | 0.353 | 0.347 | 0.359 | 0.365 | 0.361 | 0.369 | 0.380 | 0.375 | 0.385 |
| Age 6 to 79 | 0.397 | 0.393 | 0.401 | 0.354 | 0.347 | 0.360 | 0.366 | 0.362 | 0.370 | 0.381 | 0.375 | 0.386 |

| | Hematocrit | | | | | | | | | | | |
|--------------------|-----------------|---------------------|--------------|-----------------|---------------------|--------------|-----------------|---------------------|--------------|-----------------|---------------------|--------------|
| | 50th percentile | | | 75th percentile | | | 90th percentile | | | 95th percentile | | |
| | Estimate | Confidence interval | | Estimate | Confidence interval | | Estimate | Confidence interval | | Estimate | Confidence interval | |
| | | From | To | | From | To | | From | To | | From | To |
| | L/L | | | | | | | | | | | |
| Both sexes | | | | | | | | | | | | |
| Age 3 to 5 | 0.375 | 0.369 | 0.381 | 0.387 | 0.383 | 0.391 | 0.401 | 0.394 | 0.408 | 0.409 | 0.397 | 0.421 |
| Age 6 to 11 | 0.390 | 0.384 | 0.397 | 0.403 | 0.398 | 0.408 | 0.420 | 0.410 | 0.430 | 0.430 | 0.421 | 0.439 |
| Age 12 to 19 | 0.416 | 0.409 | 0.422 | 0.439 | 0.433 | 0.444 | 0.464 | 0.455 | 0.472 | 0.473 | 0.465 | 0.481 |
| Age 20 to 39 | 0.422 | 0.418 | 0.427 | 0.451 | 0.445 | 0.457 | 0.479 | 0.470 | 0.488 | 0.490 | 0.485 | 0.495 |
| Age 40 to 59 | 0.420 | 0.414 | 0.425 | 0.446 | 0.439 | 0.452 | 0.467 | 0.461 | 0.474 | 0.482 | 0.474 | 0.491 |
| Age 60 to 79 | 0.413 | 0.409 | 0.418 | 0.440 | 0.434 | 0.447 | 0.464 | 0.459 | 0.470 | 0.481 | 0.473 | 0.490 |
| Age 3 to 79 | 0.415 | 0.411 | 0.419 | 0.443 | 0.438 | 0.448 | 0.468 | 0.463 | 0.472 | 0.483 | 0.478 | 0.488 |
| Age 6 to 79 | 0.416 | 0.412 | 0.421 | 0.444 | 0.439 | 0.449 | 0.468 | 0.463 | 0.473 | 0.484 | 0.479 | 0.489 |
| Males | | | | | | | | | | | | |
| Age 6 to 11 | 0.388 | 0.380 | 0.395 | 0.402 | 0.396 | 0.408 | 0.421 | 0.409 | 0.433 | 0.431 | 0.421 | 0.440 |
| Age 12 to 19 | 0.434 | 0.428 | 0.439 | 0.456 | 0.447 | 0.466 | 0.473 | 0.465 | 0.481 | 0.480 | 0.469 | 0.491 |
| Age 20 to 39 | 0.451 | 0.444 | 0.457 | 0.472 | 0.463 | 0.481 | 0.490 | 0.485 | 0.495 | 0.498 | 0.492 | 0.504 |
| Age 40 to 59 | 0.442 | 0.436 | 0.449 | 0.461 | 0.453 | 0.469 | 0.482 | 0.473 | 0.491 | 0.492 | 0.486 | 0.499 |
| Age 60 to 79 | 0.438 | 0.431 | 0.446 | 0.457 | 0.451 | 0.463 | 0.482 | 0.473 | 0.492 | 0.492 | 0.483 | 0.501 |
| Age 3 to 79 | 0.439 | 0.435 | 0.444 | 0.461 | 0.455 | 0.467 | 0.483 | 0.478 | 0.488 | 0.493 | 0.488 | 0.497 |
| Age 6 to 79 | 0.441 | 0.436 | 0.445 | 0.462 | 0.456 | 0.468 | 0.484 | 0.478 | 0.489 | 0.493 | 0.488 | 0.497 |
| Females | | | | | | | | | | | | |
| Age 6 to 11 | 0.392 | 0.386 | 0.399 | 0.405 | 0.399 | 0.410 | 0.419 | 0.408 | 0.429 | 0.429 | 0.417 | 0.442 |
| Age 12 to 19 | 0.394 | 0.389 | 0.400 | 0.408 | 0.399 | 0.417 | 0.427 | 0.416 | 0.439 | 0.438 | 0.430 | 0.446 |
| Age 20 to 39 | 0.398 | 0.393 | 0.403 | 0.417 | 0.411 | 0.423 | 0.426 | 0.422 | 0.430 | 0.435 | 0.426 | 0.444 |
| Age 40 to 59 | 0.397 | 0.391 | 0.403 | 0.413 | 0.407 | 0.420 | 0.428 | 0.420 | 0.437 | 0.441 | 0.431 | 0.451 |
| Age 60 to 79 | 0.398 | 0.392 | 0.404 | 0.414 | 0.409 | 0.418 | 0.429 | 0.423 | 0.435 | 0.441 | 0.431 | 0.451 |
| Age 3 to 79 | 0.396 | 0.392 | 0.400 | 0.413 | 0.409 | 0.418 | 0.427 | 0.422 | 0.431 | 0.438 | 0.431 | 0.444 |
| Age 6 to 79 | 0.397 | 0.393 | 0.401 | 0.414 | 0.409 | 0.418 | 0.427 | 0.422 | 0.432 | 0.438 | 0.431 | 0.445 |

Note(s): Total household population aged 3 to 79, except those meeting the exclusion criteria (see the *Canadian Health Measures Survey (CHMS) Data User Guide: Cycle 2*). The sample size for 3 to 5 year olds produces reliable national estimates for both sexes combined only.

Source(s): Canadian Health Measures Survey, Cycle 2.