

Girls

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Table 4.3.1
 Comparison of Means by Age and Race
 Fasting HDL Cholesterol (mg/dl)

Age	White Girls		Black Girls		Diff	P-Value
	No.	Mean (S.D.)	No.	Mean (S.D.)		
Age 9	479	53.6 (11.47)	363	56.2 (13.96)	2.6	0.004
Age 10	439	52.7 (11.31)	480	56.6 (13.64)	1.8	0.026
Age 11	393	51.0 (11.78)	362	57.4 (13.04)	4.4	< 0.001
Age 12	351	52.6 (11.11)	425	55.3 (11.70)	2.8	< 0.001
Age 13	392	53.6 (10.48)	356	57.9 (12.46)	4.3	< 0.001
Age 14	299	54.2 (10.65)	389	56.9 (10.89)	2.7	0.001
Age 15	360	52.0 (9.93)	337	55.6 (11.59)	3.5	< 0.001
Age 16	303	52.4 (10.46)	375	55.9 (11.52)	3.5	< 0.001
Age 18	362	52.2 (11.73)	325	55.6 (12.80)	3.4	< 0.001
Age 19	256	52.7 (12.45)	366	53.5 (11.91)	1.5	0.141

Global χ^2 test for age effect: $\chi^2 = 24.7$ ($p = 0.003$)
 Global χ^2 test for race X age interaction effect: $\chi^2 = 11.7$ ($p = 0.231$)

Table 4.3.2
 Percentile Distribution by Age and Race
 Fasting HDL Cholesterol (mg/dl)

Age	Race	No.	5th	10th	15th	25th	50th	75th	85th	90th	95th
9	White	479	36.0	39.0	41.0	46.0	53.0	61.0	66.0	69.0	73.0
	Black	363	37.0	41.0	43.0	46.0	55.0	64.0	70.0	74.0	82.0
10	White	439	35.0	38.0	41.0	44.0	53.0	60.0	65.0	67.0	71.0
	Black	480	35.0	39.0	42.0	45.0	54.0	63.0	68.0	73.0	79.0
11	White	393	37.0	39.0	41.0	45.0	52.0	60.0	65.0	69.0	75.0
	Black	362	38.0	42.0	44.0	48.0	56.0	65.0	70.0	73.0	79.0
12	White	351	35.0	39.0	41.0	45.0	52.0	59.0	64.0	66.0	72.0
	Black	425	38.0	41.0	43.0	47.0	54.0	63.0	67.0	71.0	75.0
13	White	392	38.0	40.0	42.0	46.0	53.0	61.0	64.0	67.0	72.0
	Black	356	41.0	44.0	46.0	50.0	56.0	65.0	71.0	74.0	81.0
14	White	299	38.0	41.0	43.0	47.0	53.0	62.0	65.0	67.0	72.0
	Black	389	42.0	44.0	46.0	49.0	56.0	64.0	69.0	72.0	76.0
15	White	360	37.0	40.0	42.0	45.0	51.0	59.0	63.0	65.0	69.0
	Black	337	38.0	42.0	44.0	48.0	54.0	62.0	68.0	70.0	76.0
16	White	303	38.0	40.0	42.0	45.0	51.0	58.0	63.0	66.0	70.0
	Black	375	39.0	43.0	45.0	48.0	54.0	62.0	67.0	70.0	76.0
18	White	362	38.0	40.0	42.0	45.0	50.5	60.0	63.0	68.0	74.0
	Black	325	39.0	42.0	44.0	46.0	53.0	63.0	68.0	73.0	79.0
19	White	256	35.0	38.0	40.0	44.0	52.0	60.0	65.0	67.0	71.0
	Black	366	36.0	40.0	42.0	46.0	52.0	62.0	66.0	69.0	72.0

Few girls @
 age 17 yrs

Data from 10yr cohort study.
 All girls seen 1x yrs... but blood
 lipid measurements in yrs 1, 3, 5, 7, and 10 on