

Girls

57

Table 4.2.1  
 Comparison of Means by Age and Race  
 Fasting Triglycerides (mg/dl)

	White Girls		Black Girls		Diff	P-Value
	No.	Mean (S.D.)	No.	Mean (S.D.)		
Age 9	486	77.1 (34.62)	369	69.1 (29.99)	-8.1	< 0.001
Age 10	450	86.4 (66.96)	489	73.4 (33.44)	-13.1	< 0.001
Age 11	394	88.8 (38.68)	363	70.7 (30.76)	-18.0	< 0.001
Age 12	351	90.3 (53.29)	426	73.6 (33.47)	-16.7	< 0.001
Age 13	392	89.9 (49.77)	356	68.4 (29.10)	-21.5	< 0.001
Age 14	299	83.4 (47.49)	389	67.1 (27.43)	-16.3	< 0.001
Age 15	361	87.6 (59.17)	339	68.9 (32.91)	-18.7	< 0.001
Age 16	303	87.2 (49.75)	375	68.3 (28.00)	-18.9	< 0.001
Age 18	362	91.7 (45.31)	325	70.1 (33.32)	-21.6	< 0.001
Age 19	256	94.0 (46.99)	366	70.6 (31.39)	-23.3	< 0.001

Global  $\chi^2$  test for age effect:  $\chi^2 = 65.0$  ( $p < 0.001$ )  
 Global  $\chi^2$  test for race X age interaction effect:  $\chi^2 = 31.9$  ( $p < 0.001$ )

Table 4.2.2  
 Percentile Distribution by Age and Race  
 Fasting Triglycerides (mg/dl)

Age	Race	No.	5th	10th	15th	25th	50th	75th	85th	90th	95th
9	White	486	40.0	45.0	50.0	55.0	69.0	92.0	104.0	117.0	137.0
	Black	369	38.0	43.0	46.0	51.0	63.0	79.0	93.0	100.0	109.0
10	White	450	39.0	43.0	49.0	57.0	72.0	101.0	122.0	138.0	157.0
	Black	489	40.0	44.0	48.0	53.0	65.0	85.0	98.0	113.0	133.0
11	White	394	41.0	50.0	54.0	62.0	82.0	104.0	124.0	141.0	163.0
	Black	363	39.0	42.0	45.0	50.0	63.0	82.0	95.0	112.0	137.0
12	White	351	44.0	47.0	53.0	59.0	75.0	104.0	128.0	144.0	173.0
	Black	426	39.0	44.0	48.0	52.0	65.0	86.0	99.0	109.0	137.0
13	White	392	43.0	48.0	52.0	58.0	78.0	106.0	129.0	145.0	172.0
	Black	356	36.0	40.0	44.0	49.0	61.5	81.0	91.0	104.0	125.0
14	White	299	42.0	45.0	49.0	56.0	72.0	95.0	113.0	133.0	168.0
	Black	389	37.0	42.0	45.0	49.0	59.0	79.0	89.0	103.0	120.0
15	White	361	42.0	48.0	53.0	59.0	77.0	97.0	114.0	131.0	157.0
	Black	339	39.0	42.0	46.0	52.0	60.0	80.0	96.0	104.0	125.0
16	White	303	41.0	46.0	50.0	59.0	74.0	99.0	117.0	134.0	180.0
	Black	375	37.0	42.0	45.0	49.0	64.0	77.0	86.0	101.0	121.0
18	White	362	46.0	50.0	54.0	62.0	79.5	109.0	128.0	147.0	171.0
	Black	325	35.0	41.0	44.0	49.0	62.0	83.0	96.0	105.0	133.0
19	White	256	42.0	47.0	53.0	60.0	85.5	116.5	135.0	149.0	190.0
	Black	366	36.0	43.0	45.0	51.0	63.0	81.0	97.0	112.0	134.0