

Taft Stettinius & Hollister LLP
425 Walnut Street, Suite 1800 / Cincinnati, OH 45202-3957 / Tel: 513.381.2838 / Fax: 513.381.0205 / www.taftlaw.com
Cincinnati / Cleveland / Columbus / Dayton / Indianapolis / Northern Kentucky / Phoenix / Beijing

ROBERT A. BILOTT
513.357.9638
bilott@taftlaw.com

AR 226-3879

February 16, 2009

FYI-0209-001378

TSCA Confidential Business Information Center (7407M)
EPA East - Room 6428, Attn: Section 8(e) & FYI
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001

RECEIVED
APPT CBI
09 FEB 27 AM 10:29

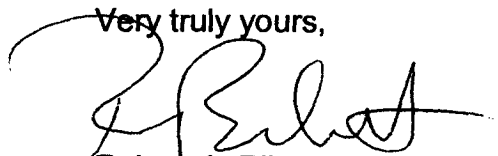
Re: Submission To TSCA 8(e)/FYI Database Re: PFOA/PFOS

To TSCA 8(e)/FYI Database:

We are hereby providing the following information for inclusion in the TSCA 8(e)/FYI databases with respect to PFOA/PFOS:

1. West Virginia University, "C-8 Health Project Results: C-8 And Other Laboratory Values (Tabular Format - Updated) (Feb. 2009).

Very truly yours,


Robert A. Bilott

RAB:mdm
Enclosure

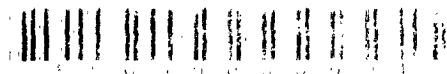


CONTAINS NO CBI

CONTAINS NO CBI

317589

~~CONFIDENTIAL~~



Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group – C8 (PFOA)	A-G Ratio (Final Recorded Value)	AFP Tumor Marker, Serum (ng-mL)	Albumin, Serum (g- dL)	Alkaline Phosphatase, Serum (IU-L)	ALT (SGPT) (IU-L)	Antinuclear Antibodies Direct (U-mL)	AST (SGOT) (IU-L)
1 Mean Median Std. Deviation	1.63 1.60 0.23	3.30 2.00 10.49	4.54 4.50 0.28	174.56 139.00 103.88	16.89 15.00 17.46	27.32 23.00 19.81	22.35 21.00 8.95
2 Mean Median Std. Deviation	1.65 1.60 0.24	2.73 2.00 7.98	4.57 4.60 0.27	180.67 162.00 97.45	16.63 15.00 9.82	27.63 23.00 29.73	22.89 21.00 7.78
3 Mean Median Std. Deviation	1.62 1.60 0.23	2.33 2.00 2.87	4.58 4.60 0.27	192.98 188.50 102.21	17.54 15.00 12.86	30.44 26.00 25.29	23.60 22.00 8.27
4 Mean Median Std. Deviation	1.65 1.60 0.24	3.60 2.00 25.53	4.61 4.60 0.28	194.70 201.00 103.39	18.23 15.00 16.79	28.49 25.00 18.25	24.36 23.00 10.47
5 Mean Median Std. Deviation	1.66 1.60 0.23	2.55 2.00 8.15	4.60 4.60 0.25	195.57 198.00 102.94	16.77 15.00 8.97	29.31 25.00 20.96	24.29 22.00 15.65
6 Mean Median Std. Deviation	1.64 1.60 0.24	2.96 2.00 10.39	4.61 4.60 0.27	201.86 185.00 135.74	16.49 15.00 7.04	30.23 26.00 36.06	23.77 23.00 6.75
7 Mean Median Std. Deviation	1.66 1.70 0.24	2.55 2.00 4.87	4.61 4.60 0.27	201.64 197.50 114.60	16.78 15.00 10.31	30.82 26.00 20.31	24.46 24.00 7.19
8 Mean Median Std. Deviation	1.67 1.70 0.21	2.28 2.00 1.49	4.64 4.60 0.25	216.00 222.50 95.45	16.44 15.00 6.24	29.02 25.00 16.53	25.18 24.00 8.44
9 Mean Median Std. Deviation	1.68 1.70 0.24	2.19 2.00 1.26	4.64 4.60 0.26	207.16 216.00 98.61	16.62 15.00 7.53	31.38 25.00 51.44	25.01 24.00 7.54
10 Mean Median Std. Deviation	1.69 1.70 0.23	2.24 2.00 1.21	4.68 4.70 0.24	204.23 216.00 97.56	17.02 16.00 6.24	29.07 25.00 18.55	25.08 24.00 7.13
Total Mean Median Std. Deviation	1.65 1.60 0.23	2.70 2.00 10.13	4.60 4.60 0.27	195.95 196.00 106.88	16.93 15.00 11.19	29.32 25.00 27.76	24.01 23.00 9.14

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group -- C8 (PFOA)	Cancer Antigen (CA-125) (U-mL)	CEA (ng-mL)	Chloride, Serum (mmol-L)	Cholesterol, Total (mg-dL)	Cortisol (ug-dL)	C-Reactive Protein, Quant (mg-L)	Creatinine, Serum (mg-dL)
1 Mean Median Std. Deviation	16.59 15.00 8.41	0.55 0.25 0.51	104.07 104.00 1.89	159.39 156.50 29.53	9.96 8.20 5.85	1.69 0.50 4.80	0.67 0.70 0.15
2 Mean Median Std. Deviation	16.84 15.10 8.17	0.55 0.25 0.47	103.94 104.00 1.95	163.12 160.00 28.67	10.35 8.60 6.34	1.46 0.50 2.60	0.67 0.70 0.14
3 Mean Median Std. Deviation	16.45 15.10 8.95	0.58 0.25 0.50	103.84 104.00 1.95	161.81 159.00 28.13	9.63 8.30 5.47	1.65 0.60 3.49	0.65 0.60 0.14
4 Mean Median Std. Deviation	16.47 14.60 9.24	0.55 0.25 0.41	103.87 104.00 1.85	163.93 161.00 29.77	9.40 8.00 5.39	1.63 0.40 5.52	0.65 0.70 0.14
5 Mean Median Std. Deviation	17.08 14.30 19.67	0.55 0.25 0.45	103.64 104.00 1.93	163.14 160.00 28.97	9.59 8.20 5.88	1.58 0.40 7.10	0.64 0.60 0.15
6 Mean Median Std. Deviation	16.91 15.00 8.78	0.58 0.25 0.49	103.58 103.00 1.98	163.95 161.00 31.61	8.81 7.60 5.25	1.90 0.50 6.26	0.65 0.60 0.15
7 Mean Median Std. Deviation	16.57 15.00 7.71	0.59 0.25 0.55	103.53 104.00 1.91	165.43 161.50 31.08	9.03 7.60 6.11	1.56 0.40 4.82	0.65 0.60 0.15
8 Mean Median Std. Deviation	15.59 14.65 6.39	0.57 0.25 0.47	103.46 103.50 1.90	161.99 160.00 28.54	8.61 7.40 4.86	1.50 0.40 3.79	0.63 0.60 0.15
9 Mean Median Std. Deviation	16.23 14.50 8.03	0.62 0.25 0.65	103.60 103.00 1.94	163.53 160.00 27.61	8.52 7.20 5.16	1.46 0.40 4.15	0.63 0.60 0.16
10 Mean Median Std. Deviation	16.95 15.00 10.45	0.61 0.25 0.58	103.20 103.00 1.97	167.17 166.00 29.34	8.94 7.40 5.19	1.41 0.40 4.35	0.64 0.60 0.15
Total Mean Median Std. Deviation	16.58 14.90 10.09	0.57 0.25 0.51	103.69 104.00 1.94	163.23 160.00 28.42	9.33 7.90 5.63	1.59 0.50 4.83	0.65 0.60 0.15

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group – C8 (PFOA)	Baso (Absolute) (x10e3-ul)	Basos (%)	Bilirubin, Direct (mg-dL)	Bilirubin, Total (mg-dL)	BUN (mg-dL)	BUN-Creatinine Ratio (Final Recoded Value)	Calcium, Serum (mg-dL)
1 Mean Median Std. Deviation	0.02 0.00 0.04	0.23 0.00 0.43	0.10 0.09 0.05	0.35 0.30 0.22	11.77 11.00 3.15	18.76 17.00 7.20	10.03 10.00 0.36
2 Mean Median Std. Deviation	0.02 0.00 0.04	0.25 0.00 0.43	0.11 0.09 0.06	0.40 0.30 0.31	12.02 12.00 3.26	19.09 18.00 7.34	10.03 10.00 0.36
3 Mean Median Std. Deviation	0.02 0.00 0.04	0.23 0.00 0.42	0.10 0.09 0.05	0.35 0.30 0.21	12.05 12.00 3.14	19.62 18.00 7.65	10.04 10.10 0.36
4 Mean Median Std. Deviation	0.02 0.00 0.04	0.27 0.00 0.44	0.10 0.09 0.05	0.36 0.30 0.24	12.01 12.00 3.12	19.55 18.00 7.44	10.06 10.00 0.35
5 Mean Median Std. Deviation	0.02 0.00 0.04	0.27 0.00 0.45	0.10 0.09 0.05	0.36 0.30 0.22	11.94 12.00 3.28	18.73 18.00 8.00	10.05 10.10 0.35
6 Mean Median Std. Deviation	0.03 0.00 0.04	0.29 0.00 0.45	0.10 0.09 0.05	0.35 0.30 0.24	12.23 12.00 3.02	20.28 19.00 7.66	10.08 10.10 0.37
7 Mean Median Std. Deviation	0.03 0.00 0.05	0.30 0.00 0.47	0.10 0.09 0.05	0.36 0.30 0.23	12.44 12.00 3.49	20.47 19.00 8.43	10.09 10.10 0.35
8 Mean Median Std. Deviation	0.02 0.00 0.04	0.26 0.00 0.44	0.10 0.08 0.05	0.36 0.30 0.25	12.57 12.00 3.36	21.34 20.00 8.36	10.10 10.10 0.34
9 Mean Median Std. Deviation	0.03 0.00 0.05	0.29 0.00 0.46	0.10 0.09 0.06	0.38 0.30 0.27	12.26 12.00 3.00	20.79 19.00 8.14	10.10 10.10 0.36
10 Mean Median Std. Deviation	0.03 0.00 0.04	0.28 0.00 0.46	0.10 0.09 0.05	0.37 0.30 0.25	12.33 12.00 3.11	20.62 19.00 7.84	10.13 10.10 0.33
Total Mean Median Std. Deviation	0.02 0.00 0.04	0.27 0.00 0.45	0.10 0.09 0.05	0.36 0.30 0.25	12.15 12.00 3.20	19.96 18.00 7.82	10.07 10.10 0.35

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group -- C8 (PFOA)	Eos (%)	Eos (Absolute) (x10e3-uL)	Estradiol (pg-mL)	Folates (Folic Acid), Serum (ng-mL)	Free Testosterone, Direct (pg-mL)	Free Thyroxine Index (Final Recoded Value)	GGT (U-L)	Globulin, Total (g-dL)
1 Mean Median Std. Deviation	2.33 2.00 2.14	0.18 0.10 0.17	201.29 32.00 1414.40	21.03 18.60 9.68	0.55 0.40 0.52	2.25 2.20 0.41	12.07 11.00 7.41	2.83 2.80 0.33
2 Mean Median Std. Deviation	2.42 2.00 2.23	0.18 0.10 0.17	114.37 24.00 948.63	21.89 19.30 9.87	0.56 0.40 0.58	2.26 2.20 0.40	12.12 11.00 4.94	2.82 2.80 0.36
3 Mean Median Std. Deviation	2.53 2.00 3.58	0.20 0.10 0.38	62.36 22.50 307.18	21.24 18.65 9.32	0.53 0.40 0.54	2.27 2.20 0.41	12.83 11.00 6.19	2.88 2.90 0.34
4 Mean Median Std. Deviation	2.46 2.00 2.50	0.19 0.10 0.20	98.60 24.00 652.21	22.21 19.30 9.80	0.52 0.30 0.51	2.28 2.30 0.43	13.20 11.00 11.24	2.84 2.80 0.34
5 Mean Median Std. Deviation	2.43 2.00 2.07	0.18 0.10 0.15	65.45 23.00 555.40	21.55 19.00 9.63	0.53 0.30 0.89	2.29 2.30 0.40	12.16 11.00 5.52	2.81 2.80 0.34
6 Mean Median Std. Deviation	2.46 2.00 2.43	0.19 0.10 0.19	119.86 23.00 1161.05	21.01 18.60 9.60	0.55 0.30 0.60	2.33 2.30 0.40	12.33 11.00 5.05	2.86 2.80 0.36
7 Mean Median Std. Deviation	2.44 2.00 2.34	0.19 0.10 0.19	70.11 22.00 696.43	20.45 18.10 9.23	0.52 0.30 0.67	2.35 2.30 0.40	12.22 11.00 5.36	2.83 2.80 0.35
8 Mean Median Std. Deviation	2.33 2.00 1.98	0.18 0.10 0.17	41.79 19.00 141.67	22.04 19.50 9.45	0.52 0.30 0.82	2.31 2.30 0.38	11.65 11.00 4.52	2.82 2.80 0.35
9 Mean Median Std. Deviation	2.57 2.00 2.84	0.20 0.10 0.28	41.47 20.00 56.25	22.52 19.00 10.18	0.43 0.20 0.51	2.31 2.30 0.39	11.68 11.00 3.81	2.81 2.80 0.35
10 Mean Median Std. Deviation	2.49 2.00 2.24	0.19 0.10 0.18	33.63 20.00 35.54	22.28 19.70 9.72	0.46 0.20 0.64	2.29 2.30 0.38	12.09 11.00 4.43	2.82 2.80 0.35
Total Mean Median Std. Deviation	2.44 2.00 2.48	0.19 0.10 0.22	89.04 23.00 784.26	21.58 19.00 9.66	0.52 0.30 0.63	2.29 2.30 0.40	12.24 11.00 6.19	2.83 2.80 0.35

Tabular (Numeric) Summary for Clinical Lab Values **within Population C8/PFOA Deciles, Stratified by Age Gender**

Girls (Female, <18YO)

Population Decile Group -- C8 (PFOA)	Glucose, Serum (mg-dL)	HDL Cholesterol (mg-dL)	Hematocrit (%)	Hemoglobin (g-dL)	Immunoglobulin A, Qn, Serum (mg-dL)	Immunoglobulin E, Total (IU-mL)
1 Mean Median Std. Deviation	89.53 88.00 19.76	50.15 49.00 10.91	39.44 39.40 2.56	13.39 13.40 0.86	150.51 142.00 70.98	92.80 17.00 411.57
2 Mean Median Std. Deviation	90.33 89.00 18.79	51.09 50.00 11.76	39.51 39.50 2.51	13.45 13.40 0.82	144.17 134.00 69.23	91.38 18.00 262.68
3 Mean Median Std. Deviation	90.84 89.50 18.43	49.78 49.00 11.30	39.51 39.40 2.54	13.45 13.40 0.85	152.67 144.00 70.00	130.18 20.00 606.50
4 Mean Median Std. Deviation	89.24 88.00 11.33	51.35 51.00 11.83	39.61 39.60 2.61	13.48 13.50 0.86	141.35 131.00 70.57	93.52 16.00 360.84
5 Mean Median Std. Deviation	90.77 89.00 18.57	50.93 50.00 10.81	39.79 39.70 2.56	13.51 13.50 0.85	139.02 132.00 71.62	87.74 18.00 234.13
6 Mean Median Std. Deviation	90.30 89.00 13.47	50.45 49.00 11.62	39.40 39.30 2.57	13.37 13.40 0.84	139.76 130.00 65.01	97.65 17.00 445.35
7 Mean Median Std. Deviation	90.05 88.00 12.24	51.76 50.00 10.91	39.52 39.50 2.76	13.43 13.40 0.90	137.60 128.00 67.10	109.71 19.00 454.36
8 Mean Median Std. Deviation	89.40 88.00 13.96	51.42 51.00 11.12	39.34 39.30 2.69	13.36 13.40 0.90	130.24 118.00 68.65	74.17 16.00 184.85
9 Mean Median Std. Deviation	89.51 89.00 14.26	50.04 49.00 10.36	39.47 39.40 2.48	13.43 13.40 0.82	132.21 125.00 67.24	122.69 18.00 617.77
10 Mean Median Std. Deviation	89.95 89.00 13.12	50.92 50.00 11.14	39.71 39.70 2.42	13.51 13.50 0.79	132.46 124.00 65.59	91.23 16.00 231.98
Total Mean Median Std. Deviation	90.02 89.00 15.87	50.77 50.00 11.21	39.52 39.50 2.57	13.44 13.40 0.85	140.58 131.00 68.99	99.32 17.00 410.24

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

p. 7

Girls (Female, <18YO)

Population Decile Group -- C8 (PFOA)	Immunoglobulin G, Qn, Serum (mg-dL)	Immunoglobulin M, Qn, Serum (mg-dL)	Insulin, Fasting (uIU-mL)	Insulin-Like Growth Factor I (ng-mL)	Iron, Serum (ug-dL)	LDH (U-L)	LDL Cholesterol (Calculated)
1	Mean Median Std. Deviation	1047.55 1035.00 227.28	126.98 118.50 55.67	22.20 13.70 29.86	338.49 337.00 145.66	84.00 79.00 38.84	194.11 185.00 49.16
2	Mean Median Std. Deviation	1035.65 1012.00 238.17	130.59 121.00 58.20	19.89 12.30 24.32	322.62 310.00 139.22	84.76 82.00 35.21	198.17 190.00 48.91
3	Mean Median Std. Deviation	1064.68 1055.00 227.86	127.56 119.50 56.70	20.76 12.40 31.56	301.68 279.00 141.31	81.29 79.50 31.96	202.36 197.00 50.86
4	Mean Median Std. Deviation	1038.90 1023.50 237.84	128.03 115.50 62.64	20.65 10.90 33.02	317.05 308.00 141.43	84.52 81.00 34.74	201.40 198.00 48.50
5	Mean Median Std. Deviation	1007.31 1005.00 215.10	134.20 126.00 66.81	19.29 10.90 29.09	304.51 285.00 146.99	84.88 80.00 37.80	204.33 197.50 58.40
6	Mean Median Std. Deviation	1026.48 1007.00 227.99	134.95 124.50 61.29	19.08 12.00 27.90	291.09 281.00 134.66	78.56 76.00 34.08	204.63 199.00 49.30
7	Mean Median Std. Deviation	1006.03 999.00 229.69	129.68 124.00 58.26	19.23 11.40 25.26	302.31 295.00 142.89	82.49 77.50 35.11	205.83 202.50 46.43
8	Mean Median Std. Deviation	996.13 976.00 214.67	124.73 116.00 55.96	18.15 11.85 20.41	282.54 264.00 140.40	80.88 77.00 33.75	211.30 212.00 49.08
9	Mean Median Std. Deviation	998.59 992.00 240.98	127.57 116.00 59.48	17.16 11.60 19.92	296.63 269.00 148.86	84.41 81.00 36.53	206.58 205.00 46.74
10	Mean Median Std. Deviation	1001.52 987.00 237.23	126.33 116.00 58.97	19.96 12.30 28.07	281.67 266.00 135.61	81.22 81.00 33.80	207.77 210.00 47.24
Total	Mean Median Std. Deviation	1023.94 1010.00 230.81	129.22 120.00 59.43	19.70 12.00 27.33	305.17 292.00 142.64	82.72 79.00 35.06	203.25 199.00 49.75

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group – C8 (PFOA)	Lymphs (%)	Lymphs (Absolute) (x10e3-uL)	Magnesium, Serum (mg-dL)	MCH (pg)	MCHC (g-dL)	MCV (fL)	Monocytes (%)	Monocytes/Absolute (x10e3-uL)
1 Mean Median Std. Deviation	34.66 34.00 9.56	2.47 2.40 0.77	2.01 2.00 0.14	29.61 29.70 1.65	33.96 34.00 0.62	87.22 88.00 4.44	6.50 6.00 2.01	0.47 0.40 0.16
2 Mean Median Std. Deviation	34.45 34.00 8.60	2.47 2.40 0.74	2.03 2.00 0.14	29.69 29.70 1.51	34.06 34.10 0.60	87.22 87.00 4.09	6.52 6.00 1.99	0.47 0.50 0.18
3 Mean Median Std. Deviation	33.98 34.00 8.95	2.48 2.40 0.77	2.04 2.00 0.15	29.53 29.60 1.58	34.04 34.10 0.64	86.77 87.00 4.19	6.43 6.00 1.96	0.48 0.50 0.18
4 Mean Median Std. Deviation	34.65 34.00 9.11	2.51 2.40 0.76	2.04 2.00 0.14	29.57 29.60 1.53	34.04 34.10 0.58	86.93 87.00 4.21	6.41 6.00 2.00	0.47 0.40 0.16
5 Mean Median Std. Deviation	35.17 34.00 9.19	2.58 2.50 0.81	2.04 2.00 0.14	29.42 29.50 1.68	33.98 34.00 0.67	86.61 87.00 4.42	6.39 6.00 2.09	0.47 0.50 0.18
6 Mean Median Std. Deviation	34.62 34.00 9.30	2.59 2.50 0.77	2.04 2.00 0.14	29.34 29.40 1.58	33.95 34.00 0.63	86.46 86.00 4.32	6.48 6.00 1.77	0.49 0.50 0.16
7 Mean Median Std. Deviation	35.27 35.00 8.76	2.60 2.50 0.76	2.05 2.00 0.14	29.48 29.50 1.54	33.99 34.00 0.60	86.78 87.00 4.31	6.46 6.00 1.97	0.48 0.50 0.16
8 Mean Median Std. Deviation	35.52 35.00 9.11	2.63 2.50 0.82	2.08 2.10 0.15	29.32 29.40 1.58	33.96 34.00 0.62	86.36 86.00 4.36	6.50 6.00 1.93	0.48 0.50 0.17
9 Mean Median Std. Deviation	35.42 35.00 9.49	2.58 2.50 0.83	2.07 2.10 0.15	29.40 29.40 1.48	34.02 34.00 0.58	86.47 86.00 4.09	6.34 6.00 1.84	0.47 0.50 0.16
10 Mean Median Std. Deviation	35.53 35.00 9.40	2.66 2.60 0.87	2.08 2.10 0.14	29.41 29.40 1.46	34.02 34.00 0.58	86.47 86.50 4.13	6.26 6.00 1.95	0.47 0.50 0.17
Total Mean Median Std. Deviation	34.88 34.00 9.14	2.55 2.40 0.79	2.05 2.00 0.14	29.49 29.50 1.56	34.00 34.00 0.61	86.75 87.00 4.27	6.43 6.00 1.95	0.47 0.50 0.17

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group – C8 (PFOA)	Neutrophils (%)	Neutrophils (Absolute) (x10e3-uL)	Phosphorus, Serum (mg-dL)	Platelets (x10e3-uL)	Potassium, Serum (mmol-L)	Prolactin (ng-mL)	Protein, Total, Serum (g-dL)
1 Mean Median Std. Deviation	56.29 57.00 10.29	4.22 3.95 1.62	4.48 4.50 0.70	316.99 311.00 75.46	4.14 4.10 0.29	10.95 8.20 13.83	7.37 7.40 0.40
2 Mean Median Std. Deviation	56.36 57.00 9.59	4.24 3.90 1.68	4.55 4.50 0.74	314.45 309.00 69.87	4.09 4.10 0.28	10.58 8.50 11.75	7.39 7.40 0.44
3 Mean Median Std. Deviation	56.83 57.00 9.89	4.37 4.20 1.73	4.54 4.50 0.71	323.85 316.50 74.48	4.10 4.10 0.26	9.86 8.10 8.56	7.46 7.50 0.41
4 Mean Median Std. Deviation	56.21 56.00 9.99	4.28 4.00 1.64	4.60 4.60 0.69	317.09 310.50 70.09	4.12 4.10 0.27	9.78 7.80 10.65	7.45 7.40 0.41
5 Mean Median Std. Deviation	56.74 56.00 10.00	4.28 4.00 1.72	4.62 4.60 0.80	316.82 311.00 74.00	4.09 4.10 0.30	9.52 8.15 6.27	7.41 7.40 0.41
6 Mean Median Std. Deviation	56.15 57.00 10.09	4.45 4.20 1.85	4.58 4.60 0.69	321.65 315.00 72.34	4.11 4.10 0.29	9.94 7.70 14.24	7.47 7.50 0.43
7 Mean Median Std. Deviation	55.53 56.00 9.66	4.26 4.00 1.63	4.62 4.60 0.73	317.47 312.00 69.76	4.10 4.10 0.31	9.58 8.05 10.19	7.44 7.45 0.43
8 Mean Median Std. Deviation	55.39 55.00 9.93	4.28 4.00 1.66	4.73 4.70 0.80	321.27 313.00 72.29	4.10 4.10 0.30	8.80 7.60 4.88	7.46 7.40 0.43
9 Mean Median Std. Deviation	55.36 56.00 10.28	4.21 3.90 1.64	4.69 4.70 0.77	314.32 310.00 70.30	4.12 4.10 0.31	9.19 7.80 5.80	7.45 7.40 0.42
10 Mean Median Std. Deviation	55.45 56.00 10.31	4.35 4.00 1.82	4.76 4.80 0.73	322.56 319.00 73.97	4.12 4.10 0.27	8.96 7.30 5.30	7.49 7.50 0.42
Total Mean Median Std. Deviation	55.97 56.00 9.99	4.29 4.00 1.70	4.61 4.60 0.74	318.54 312.00 72.28	4.11 4.10 0.29	9.78 8.00 10.05	7.44 7.40 0.42

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Girls (Female, <18YO)

Population Decile Group -- C8 (PFOA)	RDW (%)	Red Blood Cell Count (x10e6-uL)	Sodium, Serum (mmol-L)	T3 Uptake (%)	Testosterone, Serum (ng-dL)	Thyroxine (T4) (ng-dL)	Triglycerides (mg-dL)
1 Mean Median Std. Deviation	13.61 13.40 1.07	4.53 4.55 0.30	140.68 141.00 1.95	29.56 30.00 3.35	33.13 31.00 18.44	7.71 7.50 1.76	116.59 96.00 73.27
2 Mean Median Std. Deviation	13.43 13.30 0.81	4.54 4.54 0.31	140.64 141.00 1.87	29.72 30.00 3.18	31.41 30.00 18.28	7.68 7.50 1.61	116.09 99.00 70.72
3 Mean Median Std. Deviation	13.36 13.25 0.95	4.56 4.57 0.31	140.63 141.00 1.92	29.57 30.00 3.02	30.46 28.00 17.25	7.77 7.60 1.65	116.20 93.00 72.50
4 Mean Median Std. Deviation	13.35 13.20 0.80	4.57 4.57 0.32	140.70 141.00 1.87	29.70 30.00 2.99	29.63 27.00 17.51	7.72 7.70 1.60	112.73 94.00 68.50
5 Mean Median Std. Deviation	13.35 13.20 0.92	4.60 4.57 0.32	140.61 141.00 1.80	29.82 30.00 2.87	30.59 29.00 24.87	7.76 7.70 1.51	116.04 99.50 71.12
6 Mean Median Std. Deviation	13.37 13.20 0.83	4.57 4.55 0.32	140.53 141.00 1.99	29.61 30.00 3.25	28.36 26.00 17.68	7.98 7.90 1.85	120.04 97.00 74.93
7 Mean Median Std. Deviation	13.25 13.10 0.83	4.56 4.54 0.30	140.45 140.00 1.91	29.76 30.00 2.99	28.29 27.00 17.84	7.97 7.80 1.63	113.83 97.50 62.49
8 Mean Median Std. Deviation	13.30 13.20 0.80	4.56 4.56 0.31	140.43 141.00 1.88	29.84 30.00 2.55	26.74 23.00 22.37	7.81 7.60 1.42	118.48 102.50 64.85
9 Mean Median Std. Deviation	13.28 13.20 0.83	4.57 4.56 0.29	140.62 141.00 1.95	29.73 30.00 2.86	26.21 24.00 16.28	7.83 7.70 1.54	117.60 98.00 67.62
10 Mean Median Std. Deviation	13.27 13.20 0.70	4.60 4.60 0.30	140.51 140.00 1.98	29.74 30.00 2.69	27.18 24.00 16.58	7.75 7.60 1.44	127.66 105.00 87.75
Total Mean Median Std. Deviation	13.36 13.20 0.87	4.56 4.56 0.31	140.58 141.00 1.91	29.70 30.00 3.01	29.38 27.00 18.95	7.80 7.70 1.60	117.33 97.00 71.51

**Tabular (Numeric) Summary for Clinical Lab Values
within Population C8/PFOA Deciles, Stratified by Age Gender**

Girls (Female, <18YO)

Population Decile Group – C8 (PFOA)	TSH (uIU-mL)	Uric Acid, Serum (mg-dL)	Vitamin B12 (pg-mL)	VLDL Cholesterol (Calculated) (mg-dL)	White Blood Cell Count (x10e3-uL)
1 Mean Median Std. Deviation	2.00 1.66 1.72	4.38 4.30 1.01	598.49 554.50 261.44	22.80 19.00 12.71	7.34 7.10 1.92
2 Mean Median Std. Deviation	2.15 1.74 3.82	4.44 4.30 1.06	586.09 537.50 228.10	22.60 20.00 12.14	7.38 7.10 2.06
3 Mean Median Std. Deviation	2.06 1.83 1.14	4.40 4.30 1.07	608.06 564.00 248.84	22.71 19.00 13.22	7.55 7.30 2.15
4 Mean Median Std. Deviation	2.02 1.75 1.18	4.38 4.20 1.05	615.99 559.00 266.19	22.19 19.00 12.54	7.45 7.10 1.98
5 Mean Median Std. Deviation	2.01 1.75 1.35	4.41 4.30 1.03	614.08 558.50 231.07	22.65 20.00 12.99	7.53 7.20 2.09
6 Mean Median Std. Deviation	2.06 1.70 1.75	4.37 4.30 1.03	615.56 568.00 264.31	23.03 19.00 12.68	7.74 7.50 2.16
7 Mean Median Std. Deviation	2.08 1.81 1.37	4.41 4.40 1.07	588.20 545.50 219.78	22.77 19.50 12.52	7.54 7.30 1.97
8 Mean Median Std. Deviation	2.12 1.78 1.83	4.31 4.20 1.05	606.64 555.00 232.95	23.53 20.00 12.54	7.56 7.30 2.06
9 Mean Median Std. Deviation	2.30 1.80 3.85	4.30 4.20 1.03	618.75 567.00 238.30	23.17 19.00 12.49	7.46 7.30 2.01
10 Mean Median Std. Deviation	2.67 1.84 8.30	4.34 4.20 1.04	610.57 570.00 245.48	24.29 21.00 13.39	7.69 7.40 2.20
Total Mean Median Std. Deviation	2.13 1.76 3.21	4.38 4.30 1.04	605.48 557.00 244.32	22.94 19.00 12.71	7.52 7.30 2.06

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Boys (Male, <18YO)

Population Decile Group – C8 (PFOA)	A-G Ratio (Final Recorded Value)	AFP Tumor Marker, Serum (ng-mL)	Albumin, Serum (g- dL)	Alkaline Phosphatase, Serum (IU-L)	ALT (SGPT) (IU-L)	Antinuclear Antibodies Direct (U- mL)	AST (SGOT) (IU-L)
1 Mean Median Std. Deviation	1.89 1.70 3.62	2.06 2.00 0.96	4.59 4.60 0.29	247.07 247.00 84.46	20.27 17.00 13.05	25.17 22.00 12.76	26.76 26.00 8.38
2 Mean Median Std. Deviation	1.71 1.70 0.23	2.06 2.00 1.12	4.62 4.60 0.26	245.82 241.00 120.76	20.79 18.00 17.43	27.98 23.00 40.84	26.87 25.00 12.86
3 Mean Median Std. Deviation	1.68 1.70 0.23	2.08 2.00 1.29	4.62 4.60 0.25	241.96 233.00 121.39	19.66 17.00 10.50	28.52 23.00 25.44	26.25 25.00 8.64
4 Mean Median Std. Deviation	1.72 1.70 0.23	2.14 2.00 1.25	4.66 4.70 0.25	235.14 227.00 104.31	20.70 17.00 13.41	26.39 23.00 16.48	27.57 27.00 11.97
5 Mean Median Std. Deviation	1.71 1.70 0.23	2.09 2.00 1.23	4.63 4.60 0.25	243.59 239.00 99.32	19.81 17.00 11.21	29.14 25.00 29.75	26.37 25.00 7.04
6 Mean Median Std. Deviation	1.70 1.70 0.24	2.06 2.00 1.00	4.63 4.60 0.25	239.76 237.00 93.03	20.13 17.00 11.52	31.24 24.00 58.96	26.31 25.00 7.32
7 Mean Median Std. Deviation	1.71 1.70 0.22	2.05 2.00 0.91	4.67 4.70 0.24	250.03 244.00 142.46	19.59 17.00 10.40	28.84 25.00 28.25	26.89 26.00 7.27
8 Mean Median Std. Deviation	1.72 1.70 0.23	2.14 2.00 2.22	4.66 4.70 0.25	246.07 242.50 93.88	19.47 17.00 10.42	28.91 26.00 15.23	26.95 26.00 7.73
9 Mean Median Std. Deviation	1.71 1.70 0.23	2.11 2.00 0.91	4.66 4.70 0.24	246.18 238.50 94.08	19.44 17.00 10.47	27.50 24.00 21.65	26.89 26.00 6.78
10 Mean Median Std. Deviation	1.72 1.70 0.23	2.14 2.00 1.21	4.68 4.70 0.25	244.01 241.00 90.63	20.01 17.00 11.22	28.00 24.00 15.70	27.10 26.00 7.24
Total Mean Median Std. Deviation	1.72 1.70 0.95	2.09 2.00 1.29	4.64 4.80 0.25	244.04 239.00 106.91	19.98 17.00 12.16	28.45 24.00 30.71	26.79 26.00 8.78

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Boys (Male, <18YO)

Population Decile Group -- C8 (PFOA)	Baso (Absolute) (x10e3-uL)	Basos (%)	Bilirubin, Direct (mg-dL)	Bilirubin, Total (mg-dL)	BUN (mg-dL)	BUN-Creatinine Ratio (Final Recoded Value)	Calcium, Serum (mg-dL)	
1	Mean Median Std. Deviation	0.02 0.00 0.04	0.22 0.00 0.41	0.11 0.10 0.06	0.40 0.30 0.26	13.01 13.00 3.26	20.26 19.00 8.46	10.05 10.10 0.34
2	Mean Median Std. Deviation	0.02 0.00 0.04	0.27 0.00 0.44	0.12 0.10 0.06	0.43 0.30 0.32	13.12 13.00 3.45	19.63 18.00 7.75	10.05 10.00 0.34
3	Mean Median Std. Deviation	0.02 0.00 0.04	0.27 0.00 0.44	0.11 0.10 0.06	0.41 0.30 0.29	13.39 13.00 4.46	20.04 19.00 7.46	10.06 10.10 0.33
4	Mean Median Std. Deviation	0.02 0.00 0.04	0.26 0.00 0.44	0.11 0.09 0.06	0.41 0.30 0.31	13.36 13.00 3.41	20.72 19.00 8.32	10.08 10.10 0.33
5	Mean Median Std. Deviation	0.03 0.00 0.04	0.30 0.00 0.46	0.11 0.09 0.06	0.41 0.30 0.31	13.35 13.00 3.46	20.73 19.50 8.33	10.07 10.10 0.34
6	Mean Median Std. Deviation	0.03 0.00 0.05	0.36 0.00 0.49	0.11 0.09 0.06	0.39 0.30 0.28	13.40 13.00 3.33	20.60 19.00 8.05	10.07 10.10 0.33
7	Mean Median Std. Deviation	0.03 0.00 0.05	0.34 0.00 0.49	0.11 0.09 0.06	0.40 0.30 0.30	13.56 13.00 3.42	21.16 20.00 8.83	10.08 10.10 0.33
8	Mean Median Std. Deviation	0.03 0.00 0.05	0.34 0.00 0.48	0.11 0.09 0.06	0.41 0.30 0.32	13.39 13.00 3.48	21.10 20.00 8.63	10.08 10.10 0.34
9	Mean Median Std. Deviation	0.03 0.00 0.05	0.36 0.00 0.49	0.11 0.09 0.06	0.39 0.30 0.26	13.32 13.00 3.30	21.09 20.00 8.47	10.10 10.10 0.32
10	Mean Median Std. Deviation	0.03 0.00 0.05	0.32 0.00 0.48	0.10 0.09 0.06	0.39 0.30 0.31	13.39 13.00 3.47	21.05 19.00 8.79	10.11 10.10 0.34
Total	Mean Median Std. Deviation	0.03 0.00 0.05	0.31 0.00 0.47	0.11 0.09 0.06	0.41 0.30 0.30	13.34 13.00 3.53	20.65 19.00 8.33	10.08 10.10 0.33

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Boys (Male, <18YO)

Population Decile Group -- C8 (PFOA)	Cancer Antigen (CA-125) (U-mL)	CEA (ng-mL)	Chloride, Serum (mmol/L)	Cholesterol, Total (mg-dL)	Cortisol (ug-dL)	C-Reactive Protein, Quant (mg-L)	Creatinine, Serum (mg-dL)
1 Mean Median Std. Deviation	13.62 12.75 6.25	0.67 0.50 0.54	103.38 103.00 2.01	153.53 152.00 30.42	9.75 9.00 4.33	1.62 0.40 4.18	0.70 0.70 0.20
2 Mean Median Std. Deviation	13.75 12.35 6.16	0.70 0.50 0.59	103.34 103.00 2.00	156.25 154.00 28.34	10.43 9.45 4.78	1.38 0.50 3.88	0.72 0.70 0.19
3 Mean Median Std. Deviation	13.57 12.30 6.63	0.71 0.50 0.62	103.02 103.00 1.94	157.12 154.00 29.09	9.76 8.90 4.72	2.06 0.50 8.51	0.72 0.70 0.26
4 Mean Median Std. Deviation	13.89 12.70 6.19	0.71 0.50 0.63	103.14 103.00 1.96	157.85 157.00 28.74	9.86 9.20 4.92	1.20 0.40 2.98	0.71 0.70 0.21
5 Mean Median Std. Deviation	13.86 12.50 7.04	0.74 0.50 0.67	102.99 103.00 2.02	156.78 154.00 27.86	9.12 8.40 4.47	1.50 0.40 4.25	0.70 0.70 0.20
6 Mean Median Std. Deviation	14.46 13.10 7.35	0.73 0.60 0.68	103.08 103.00 1.93	159.02 156.00 29.69	9.06 8.40 4.35	1.43 0.40 3.54	0.71 0.70 0.20
7 Mean Median Std. Deviation	14.47 13.40 6.79	0.70 0.50 0.59	102.96 103.00 1.91	160.08 158.00 28.16	9.03 8.00 4.66	1.15 0.40 4.18	0.70 0.70 0.20
8 Mean Median Std. Deviation	13.99 13.10 8.02	0.70 0.50 0.60	102.91 103.00 1.84	160.24 157.00 28.27	9.13 8.20 4.71	1.32 0.40 6.64	0.69 0.70 0.19
9 Mean Median Std. Deviation	13.81 12.60 6.23	0.70 0.50 0.66	102.90 103.00 1.83	159.60 156.50 29.79	9.18 8.30 4.63	1.31 0.40 3.55	0.69 0.60 0.20
10 Mean Median Std. Deviation	14.24 13.20 6.24	0.67 0.50 0.59	102.84 103.00 2.03	160.27 159.00 30.06	8.82 8.00 4.55	1.52 0.40 4.85	0.69 0.70 0.19
Total Mean Median Std. Deviation	13.99 12.80 6.51	0.70 0.50 0.62	103.04 103.00 1.95	158.30 156.00 29.04	9.40 8.50 4.65	1.44 0.40 4.97	0.70 0.70 0.21

Boys (Male, <18YO)

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Population Decile Group -- C8 (PFOA)	Eos (%)	Eos (Absolute) (x10e3-uL)	Estradio (pg-mL)	Folates (Folic Acid), Serum (ng-mL)	Free Testosterone, Direct (pg-mL)	Free Thyroxine Index (Final Recoded Value)	GGT (IU-L)	Globulin, Total (g-dL)
1 Mean Median Std. Deviation	2.93 2.00 2.46	0.20 0.20 0.17	16.86 16.00 9.19	22.11 19.25 9.65	4.63 3.00 4.88	2.18 2.20 0.39	14.82 13.00 7.80	2.73 2.70 0.36
2 Mean Median Std. Deviation	2.77 2.00 2.34	0.19 0.10 0.17	16.26 16.00 9.24	21.67 19.20 9.52	4.78 1.95 5.34	2.17 2.20 0.39	15.72 13.00 14.31	2.74 2.70 0.33
3 Mean Median Std. Deviation	2.81 2.00 2.40	0.20 0.20 0.18	15.31 15.00 8.84	21.91 19.00 9.81	4.53 1.10 5.45	2.19 2.20 0.41	15.34 13.00 9.61	2.79 2.80 0.33
4 Mean Median Std. Deviation	2.80 2.00 2.71	0.21 0.10 0.21	15.08 14.00 9.01	21.62 18.85 9.44	4.57 1.00 5.70	2.21 2.20 0.41	15.50 13.00 8.69	2.74 2.70 0.32
5 Mean Median Std. Deviation	2.78 2.00 2.44	0.20 0.20 0.18	15.37 14.00 8.71	21.33 18.45 9.48	4.47 0.90 5.63	2.20 2.20 0.39	15.31 13.00 8.93	2.75 2.70 0.33
6 Mean Median Std. Deviation	2.91 2.00 2.75	0.21 0.20 0.22	16.10 15.00 8.70	20.96 18.60 9.13	4.67 1.30 5.80	2.21 2.20 0.38	14.82 13.00 6.15	2.77 2.80 0.34
7 Mean Median Std. Deviation	2.82 2.00 2.36	0.20 0.20 0.18	15.12 14.00 8.81	21.36 18.50 9.17	4.19 0.60 5.66	2.24 2.20 0.39	14.70 13.00 8.04	2.76 2.70 0.33
8 Mean Median Std. Deviation	2.83 2.00 2.42	0.21 0.20 0.19	14.46 13.00 8.57	21.52 19.15 9.38	4.01 0.60 5.30	2.27 2.30 0.39	14.62 13.00 6.93	2.76 2.70 0.33
9 Mean Median Std. Deviation	2.79 2.00 2.35	0.21 0.10 0.19	15.38 15.00 8.08	22.58 19.10 9.58	3.99 0.60 5.48	2.26 2.30 0.45	14.45 13.00 7.01	2.76 2.70 0.33
10 Mean Median Std. Deviation	2.75 2.00 2.38	0.21 0.10 0.20	14.99 14.00 8.52	22.74 19.60 9.65	3.78 0.40 5.16	2.22 2.20 0.39	14.69 13.00 8.08	2.76 2.70 0.33
Total Mean Median Std. Deviation	2.82 2.00 2.46	0.20 0.10 0.19	15.45 15.00 8.78	21.76 19.00 9.48	4.35 0.85 5.46	2.22 2.20 0.40	15.01 13.00 8.92	2.76 2.70 0.33

Boys (Male, <18YO)

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Population Decile Group -- C8 (PFOA)	Glucose, Serum (mg-dL)	HDL Cholesterol (mg-dL)	Hematocrit (%)	Hemoglobin (g-dL)	Immunoglobulin A, Cn, Serum (mg-dL)	Immunoglobulin E, Total (IU-mL)	Immunoglobulin G, Cn, Serum (mg-dL)
1	Mean 93.34 Median 92.00 Std. Deviation 19.73	46.64 45.00 11.21	41.31 40.90 4.03	14.08 14.00 1.33	146.85 135.00 76.95	95.91 22.00 216.29	984.05 987.00 225.97
2	Mean 93.30 Median 92.00 Std. Deviation 14.36	47.95 47.00 11.72	41.59 41.30 3.66	14.19 14.10 1.20	145.77 136.00 70.20	110.45 29.00 252.44	1009.00 992.00 224.70
3	Mean 92.91 Median 91.00 Std. Deviation 15.84	47.99 46.00 11.82	41.56 41.20 3.81	14.18 14.10 1.26	152.46 140.00 71.94	121.66 28.00 270.40	1023.22 1024.00 211.05
4	Mean 92.72 Median 92.00 Std. Deviation 13.57	47.81 47.00 10.93	41.41 41.10 3.89	14.12 14.00 1.26	139.04 130.00 68.05	105.02 24.00 366.52	978.64 966.00 214.49
5	Mean 92.37 Median 91.00 Std. Deviation 12.95	47.83 47.00 10.91	41.36 40.80 4.03	14.09 13.90 1.33	138.74 126.00 69.51	154.93 29.50 560.71	970.77 956.50 221.08
6	Mean 92.61 Median 91.00 Std. Deviation 13.13	47.80 47.00 11.11	41.59 41.10 3.90	14.16 14.00 1.29	140.44 129.00 71.72	140.43 28.00 304.29	988.82 977.50 225.14
7	Mean 93.12 Median 91.00 Std. Deviation 17.95	48.46 47.00 11.81	41.27 40.90 3.77	14.06 13.90 1.25	136.24 127.00 66.10	148.13 26.00 589.17	974.63 965.00 225.79
8	Mean 92.69 Median 92.00 Std. Deviation 12.56	47.82 47.00 11.00	41.36 40.90 3.76	14.08 13.90 1.24	133.56 125.50 61.91	121.16 28.00 249.54	973.48 965.00 223.89
9	Mean 93.44 Median 91.00 Std. Deviation 16.12	48.63 48.00 11.15	41.38 41.00 3.68	14.08 13.90 1.22	135.67 127.00 68.70	125.82 26.00 281.14	974.31 949.00 223.71
10	Mean 92.57 Median 91.00 Std. Deviation 20.94	48.03 47.00 10.80	41.43 41.00 3.69	14.13 14.00 1.21	137.82 131.00 66.13	125.05 27.00 261.12	981.68 974.00 216.57
Total	Mean 92.89 Median 92.00 Std. Deviation 15.85	47.94 47.00 11.27	41.43 41.00 3.81	14.12 14.00 1.25	140.40 131.00 68.99	125.92 27.00 359.11	986.23 975.00 221.78

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Boys (Male, <18YO)

Population Decile Group – C8 (PFOA)	Immunoglobulin M, Cn, Serum (mg- dL)	Insulin, Fasting (uIU-mL)	Insulin-Like Growth Factor I (ng-mL)	Iron, Serum (ug- dL)	LDH (IU-L)	LDL Cholesterol (Calculated)	Lymphs (%)
1 Mean Median Std. Deviation	92.30 83.00 47.65	20.00 12.40 31.24	281.52 274.00 134.19	85.98 82.00 37.97	214.38 214.00 48.65	81.95 79.00 26.18	36.01 36.00 9.10
2 Mean Median Std. Deviation	92.88 88.00 42.96	21.44 13.00 34.52	284.54 263.00 138.34	90.04 87.00 35.19	213.08 212.00 47.88	84.18 83.00 24.65	35.08 35.00 8.44
3 Mean Median Std. Deviation	96.65 89.00 44.44	19.21 11.00 26.40	284.74 243.00 128.15	86.92 84.00 33.31	211.85 214.00 47.20	84.41 82.50 24.43	34.67 34.00 8.43
4 Mean Median Std. Deviation	94.63 86.00 48.33	19.07 11.40 36.53	258.63 244.00 138.16	87.16 82.00 33.44	217.14 219.00 48.08	86.19 85.00 25.78	35.25 36.00 8.90
5 Mean Median Std. Deviation	93.26 85.00 45.10	17.90 10.75 24.25	265.53 257.00 133.83	86.30 82.50 37.18	212.68 212.00 45.26	84.95 84.00 23.97	35.31 35.00 8.80
6 Mean Median Std. Deviation	95.48 86.00 46.37	20.09 11.70 36.30	265.91 254.00 137.62	84.90 82.00 33.79	214.62 214.00 44.52	86.55 84.00 25.69	35.36 35.00 8.77
7 Mean Median Std. Deviation	96.28 88.00 47.26	17.83 10.40 24.25	252.00 230.00 133.92	84.36 81.00 33.25	217.68 218.50 46.11	86.13 85.00 23.82	36.06 36.00 8.37
8 Mean Median Std. Deviation	96.76 89.00 46.35	18.51 12.20 23.28	249.59 231.50 125.77	85.61 82.00 32.68	216.97 216.50 42.86	86.59 85.00 23.57	35.75 35.00 8.48
9 Mean Median Std. Deviation	95.33 88.00 44.93	18.69 10.50 31.20	251.26 223.50 132.97	86.54 83.00 34.76	219.78 219.00 43.12	86.47 83.00 26.33	35.35 35.00 9.04
10 Mean Median Std. Deviation	98.84 89.00 48.07	17.06 11.15 20.91	247.58 231.50 125.17	84.39 81.00 34.31	219.77 220.00 43.86	86.27 85.00 25.04	36.21 35.00 9.14
Total Mean Median Std. Deviation	95.41 87.00 46.11	18.97 11.40 29.23	261.49 244.00 133.29	86.21 83.00 34.46	215.86 216.00 45.69	85.50 84.00 24.89	35.50 35.00 8.73

Tabular (Numeric) Summary for Clinical Lab Values Within Population C8/PFOA Deciles, Stratified by Age Gender

Boys (Male, <18YO)

Population Decile Group – C8 (PFOA)	Lymphs (Absolute) (x10e3-uL)	Magnesium, Serum (mg-dL)	MCH (pg)	MCHC (g-dL)	MCV (fL)	Monocytes (%)	Monocytes/Absolute (x10e3-uL)	Neutrophils (%)
1 Mean Median Std. Deviation	2.48 2.30 0.88	2.05 2.00 0.14	29.24 29.20 1.58	34.09 34.10 0.62	85.83 86.00 4.39	7.16 7.00 2.17	0.49 0.50 0.17	53.68 54.00 9.88
2 Mean Median Std. Deviation	2.36 2.30 0.69	2.05 2.10 0.14	29.41 29.50 1.45	34.14 34.10 0.57	86.16 86.00 4.11	7.28 7.00 2.12	0.49 0.50 0.17	54.60 55.00 9.27
3 Mean Median Std. Deviation	2.44 2.30 0.72	2.06 2.10 0.14	29.40 29.40 1.46	34.14 34.20 0.60	86.14 86.00 4.05	7.13 7.00 2.14	0.50 0.50 0.18	55.12 56.00 9.50
4 Mean Median Std. Deviation	2.50 2.40 0.75	2.06 2.10 0.14	29.36 29.40 1.44	34.13 34.10 0.63	86.07 86.00 4.03	6.92 7.00 2.02	0.49 0.50 0.16	54.77 55.00 9.98
5 Mean Median Std. Deviation	2.47 2.30 0.72	2.07 2.10 0.13	29.19 29.30 1.57	34.08 34.10 0.59	85.71 86.00 4.25	7.14 7.00 1.91	0.50 0.50 0.16	54.47 55.00 9.91
6 Mean Median Std. Deviation	2.50 2.40 0.74	2.08 2.10 0.13	29.29 29.30 1.36	34.05 34.00 0.60	86.08 86.00 3.77	7.32 7.00 2.22	0.52 0.50 0.18	54.05 54.00 9.95
7 Mean Median Std. Deviation	2.55 2.50 0.76	2.09 2.10 0.14	29.23 29.20 1.45	34.07 34.00 0.59	85.86 86.00 4.05	7.16 7.00 1.98	0.51 0.50 0.18	53.62 54.00 9.41
8 Mean Median Std. Deviation	2.52 2.40 0.77	2.08 2.10 0.13	29.19 29.10 1.49	34.06 34.10 0.57	85.74 86.00 4.20	7.12 7.00 2.06	0.50 0.50 0.17	53.95 54.00 9.33
9 Mean Median Std. Deviation	2.50 2.40 0.75	2.09 2.10 0.14	29.11 29.20 1.52	34.05 34.00 0.59	85.53 86.00 4.15	7.19 7.00 1.99	0.51 0.50 0.17	54.32 54.00 9.85
10 Mean Median Std. Deviation	2.58 2.50 0.76	2.10 2.10 0.13	29.21 29.20 1.43	34.12 34.10 0.58	85.61 85.00 3.83	7.10 7.00 2.09	0.51 0.50 0.18	53.63 54.00 10.25
Total Mean Median Std. Deviation	2.49 2.40 0.75	2.08 2.10 0.14	29.26 29.30 1.47	34.09 34.10 0.59	85.88 86.00 4.07	7.16 7.00 2.07	0.50 0.50 0.17	54.22 54.00 9.72

Tabular (Numeric) Summary for Clinical Lab Values Within Population C8/PFOA Deciles, Stratified by Age Gender

Boys (Male, <18YO)

Population Decile Group – C8 (PFOA)	Neutrophils (Absolute) (x10e3- uL)	Phosphorus, Serum (mg-dL)	Platelets (x10e3- uL)	Potassium, Serum (mmol-L)	Prolactin (ng-mL)	Prostate-Specific Antigen, Serum (ng-mL)	Protein, Total, Serum (g-dL)
1 Mean Median Std. Deviation	3.83 3.50 1.59	4.76 4.80 0.72	316.63 305.00 78.15	4.16 4.10 0.27	7.22 6.50 3.78	0.23 0.05 0.27	7.32 7.30 0.41
2 Mean Median Std. Deviation	3.84 3.60 1.49	4.67 4.70 0.73	306.76 302.00 74.47	4.14 4.10 0.29	7.06 6.30 3.71	0.24 0.05 0.41	7.36 7.40 0.41
3 Mean Median Std. Deviation	4.10 3.70 1.78	4.77 4.80 0.69	308.78 303.00 67.96	4.13 4.10 0.30	7.33 6.50 3.85	0.21 0.05 0.29	7.41 7.40 0.38
4 Mean Median Std. Deviation	4.06 3.80 1.57	4.74 4.70 0.69	312.72 307.00 73.59	4.12 4.10 0.26	7.43 6.40 4.42	0.19 0.05 0.22	7.40 7.40 0.40
5 Mean Median Std. Deviation	4.01 3.70 1.62	4.83 4.90 0.70	303.95 293.00 71.45	4.14 4.10 0.29	7.44 6.50 4.46	0.19 0.05 0.25	7.38 7.40 0.40
6 Mean Median Std. Deviation	4.04 3.70 1.74	4.75 4.80 0.70	311.98 302.50 81.29	4.15 4.10 0.29	7.36 6.40 4.27	0.20 0.05 0.24	7.40 7.40 0.41
7 Mean Median Std. Deviation	3.93 3.70 1.48	4.79 4.80 0.69	305.98 300.00 68.19	4.14 4.10 0.31	7.41 6.40 4.19	0.19 0.05 0.25	7.43 7.40 0.41
8 Mean Median Std. Deviation	3.92 3.70 1.42	4.73 4.80 0.67	310.18 302.00 73.17	4.15 4.10 0.30	7.42 6.60 3.59	0.18 0.05 0.23	7.42 7.40 0.39
9 Mean Median Std. Deviation	3.99 3.70 1.49	4.84 4.90 0.72	318.08 310.00 72.23	4.16 4.10 0.29	7.39 6.40 4.25	0.18 0.05 0.26	7.42 7.40 0.41
10 Mean Median Std. Deviation	4.04 3.70 1.76	4.86 4.90 0.71	314.03 305.00 72.56	4.17 4.20 0.32	7.15 6.40 3.53	0.18 0.05 0.35	7.44 7.40 0.40
Total Mean Median Std. Deviation	3.98 3.70 1.60	4.77 4.80 0.70	310.61 303.00 73.37	4.15 4.10 0.29	7.32 6.50 4.00	0.20 0.05 0.29	7.40 7.40 0.40

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

p. 20

Boys (Male, <18YO)

Population Decile Group -- C8 (PFOA)	RDW (%)	Red Blood Cell Count (x10e6-uL)	Sodium, Serum (mmol-L)	T3 Uptake (%)	Testosterone, Serum (ng-dL)	Thyroxine (T4) (ng-dL)	Triglycerides (mg-dL)	TSH (uIU-mL)
1 Mean Median Std. Deviation	13.74 13.50 0.91	4.82 4.79 0.42	140.65 141.00 2.11	30.97 31.00 2.61	185.28 149.00 181.70	7.10 7.10 1.36	127.09 103.00 81.39	2.16 1.77 1.57
2 Mean Median Std. Deviation	13.65 13.60 0.69	4.83 4.82 0.37	140.65 141.00 1.94	30.98 31.00 2.69	184.15 98.50 195.71	7.03 7.00 1.27	122.03 100.00 77.34	2.10 1.88 1.10
3 Mean Median Std. Deviation	13.57 13.50 0.75	4.83 4.83 0.38	140.56 140.00 2.03	30.98 31.00 3.70	165.46 55.00 190.29	7.14 7.20 1.45	123.78 104.00 78.49	2.11 1.84 1.16
4 Mean Median Std. Deviation	13.58 13.40 0.78	4.81 4.80 0.40	140.56 141.00 2.03	30.74 30.00 3.51	162.10 50.00 185.85	7.27 7.20 1.45	120.36 103.50 68.57	2.21 1.93 1.51
5 Mean Median Std. Deviation	13.57 13.50 0.76	4.83 4.82 0.40	140.56 140.00 2.04	30.92 31.00 3.33	165.94 46.00 194.76	7.20 7.10 1.39	121.66 101.00 74.56	2.07 1.84 1.03
6 Mean Median Std. Deviation	13.56 13.50 0.70	4.84 4.83 0.39	140.57 141.00 1.94	30.90 31.00 2.65	164.69 64.00 185.90	7.18 7.00 1.33	124.45 102.00 84.27	2.09 1.88 1.09
7 Mean Median Std. Deviation	13.54 13.50 0.73	4.81 4.80 0.38	140.53 140.00 1.99	30.84 31.00 2.67	151.77 33.00 188.46	7.31 7.25 1.36	128.21 105.00 80.49	2.12 1.87 1.19
8 Mean Median Std. Deviation	13.48 13.40 0.68	4.83 4.80 0.39	140.57 141.00 1.97	30.95 31.00 2.63	145.70 35.00 180.34	7.40 7.40 1.36	129.33 105.00 79.74	2.15 1.94 1.11
9 Mean Median Std. Deviation	13.57 13.50 0.82	4.84 4.81 0.37	140.49 140.00 2.05	30.82 30.00 3.39	146.61 28.00 189.87	7.38 7.30 1.43	123.78 104.00 80.63	2.14 1.94 1.22
10 Mean Median Std. Deviation	13.43 13.30 0.73	4.84 4.81 0.39	140.53 141.00 2.23	30.67 31.00 2.73	140.86 29.00 173.15	7.28 7.20 1.41	133.16 110.00 93.33	2.12 1.89 1.29
Total Mean Median Std. Deviation	13.56 13.50 0.75	4.83 4.81 0.39	140.57 141.00 2.03	30.88 31.00 3.00	160.30 45.50 187.09	7.23 7.20 1.38	125.56 104.00 80.43	2.13 1.89 1.22

Boys (Male, <18YO)

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Population Decile Group -- C8 (PFOA)	Uric Acid, Serum (mg-dL)	Vitamin B12 (pg-mL)	VLDL Cholesterol (Calculated) (mg-dL)	White Blood Cell Count (x10e3-uL)
1 Mean Median Std. Deviation	5.07 5.00 1.51	597.54 551.50 224.18	24.31 20.00 13.98	7.0161 6.6000 1.99185
2 Mean Median Std. Deviation	5.19 5.00 1.54	584.45 550.50 216.17	23.62 20.00 13.64	6.9053 6.6000 1.87796
3 Mean Median Std. Deviation	5.12 5.00 1.56	589.68 557.00 209.10	24.03 21.00 13.62	7.2665 6.9000 2.10850
4 Mean Median Std. Deviation	5.07 4.90 1.56	616.99 570.00 255.39	23.60 21.00 12.37	7.2686 7.0000 1.93914
5 Mean Median Std. Deviation	5.03 5.00 1.56	592.98 549.00 232.38	23.59 20.00 12.99	7.1918 7.0000 2.00470
6 Mean Median Std. Deviation	5.14 4.95 1.60	620.22 563.00 266.14	23.60 20.00 13.05	7.2939 7.0000 2.12279
7 Mean Median Std. Deviation	4.94 4.80 1.51	600.74 555.00 228.95	24.77 21.00 13.73	7.2042 7.0000 1.89089
8 Mean Median Std. Deviation	5.06 4.80 1.58	607.18 562.00 227.91	25.03 21.00 14.24	7.1605 6.9000 1.84015
9 Mean Median Std. Deviation	4.77 4.50 1.43	623.63 589.00 230.38	23.80 21.00 13.04	7.2287 7.0000 1.87373
10 Mean Median Std. Deviation	5.04 4.80 1.54	601.02 555.00 227.81	25.21 22.00 14.04	7.3540 7.1000 2.10002
Total Mean Median Std. Deviation	5.05 4.90 1.54	603.30 559.00 232.54	24.18 21.00 13.51	7.1909 6.9000 1.97850

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)	A-G Ratio (Final Recoded Value)	AFP Tumor Marker, Serum (ng-mL)	Albumin, Serum (g-dL)	Alkaline Phosphatase, Serum (IU-L)	ALT (SGPT) (IU-L)	Antinuclear Antibodies Direct (U-mL)
1	Mean Median Std. Deviation	6.78 2.00 28.83	4.31 4.30 0.34	82.54 78.00 28.89	18.96 17.00 15.51	38.71 27.00 63.51
2	Mean Median Std. Deviation	4.60 2.00 18.40	4.35 4.40 0.30	83.29 79.00 27.79	20.29 17.00 12.84	40.23 28.00 74.62
3	Mean Median Std. Deviation	4.77 2.00 18.78	4.37 4.40 0.30	82.71 78.00 27.34	20.75 17.00 14.53	40.49 29.00 69.15
4	Mean Median Std. Deviation	4.62 2.00 23.12	4.36 4.40 0.29	83.65 80.00 30.01	20.84 18.00 14.01	42.37 28.00 76.19
5	Mean Median Std. Deviation	5.58 2.00 92.43	4.38 4.40 0.29	83.28 79.00 35.10	20.71 17.00 12.61	44.55 29.00 90.46
6	Mean Median Std. Deviation	3.77 2.00 13.65	4.38 4.40 0.30	83.22 79.00 27.09	20.83 18.00 13.70	41.60 29.00 61.58
7	Mean Median Std. Deviation	3.81 2.00 14.72	4.38 4.40 0.29	82.64 78.00 27.87	21.18 18.00 26.94	44.09 30.00 70.51
8	Mean Median Std. Deviation	3.33 2.00 10.11	4.38 4.40 0.29	83.62 79.00 31.39	21.56 18.00 16.37	49.92 30.00 118.30
9	Mean Median Std. Deviation	3.21 2.00 7.40	4.38 4.40 0.28	83.27 79.00 29.93	20.74 18.00 11.85	46.08 30.00 83.39
10	Mean Median Std. Deviation	3.06 2.00 8.12	4.41 4.40 0.27	84.38 81.00 27.39	21.94 19.00 15.18	49.01 29.00 109.70
Total	Mean Median Std. Deviation	4.52 2.00 33.76	4.37 4.40 0.30	83.21 79.00 29.34	20.80 17.00 15.77	43.24 29.00 82.09

**Tabular (Numeric) Summary for Clinical Lab Values
within Population C8/PFOA Deciles, Stratified by Age Gender**

Women (Female, >=18YO)

Population Decile Group -- C8 (PFOA)	AST (SGOT) (IU-L)	Baso (Absolute) (x10e3-uL)	Basos (%)	Bilirubin, Direct (mg-dL)	Bilirubin, Total (mg-dL)	BUN (mg-dL)	BUN-Creatinine Ratio (Final Recoded Value)
1	Mean Median Std. Deviation	20.34 18.00 11.30	0.02 0.00 0.04	0.26 0.00 0.44	0.10 0.09 0.05	0.35 0.30 0.21	12.78 12.00 5.57
2	Mean Median Std. Deviation	20.62 19.00 8.75	0.02 0.00 0.04	0.25 0.00 0.44	0.10 0.10 0.05	0.37 0.30 0.21	12.90 12.00 4.88
3	Mean Median Std. Deviation	20.94 19.00 10.10	0.02 0.00 0.04	0.27 0.00 0.45	0.11 0.10 0.05	0.38 0.30 0.22	12.97 12.00 4.87
4	Mean Median Std. Deviation	21.16 19.00 9.89	0.03 0.00 0.04	0.29 0.00 0.47	0.11 0.10 0.05	0.38 0.30 0.23	13.35 13.00 4.99
5	Mean Median Std. Deviation	21.39 19.00 12.35	0.02 0.00 0.04	0.29 0.00 0.46	0.11 0.10 0.05	0.38 0.30 0.21	13.34 13.00 5.03
6	Mean Median Std. Deviation	21.46 19.00 10.17	0.03 0.00 0.04	0.31 0.00 0.47	0.11 0.10 0.05	0.38 0.30 0.21	13.61 13.00 5.17
7	Mean Median Std. Deviation	21.74 20.00 20.09	0.03 0.00 0.05	0.32 0.00 0.48	0.11 0.10 0.05	0.38 0.30 0.21	13.94 13.00 5.72
8	Mean Median Std. Deviation	22.25 20.00 11.77	0.03 0.00 0.04	0.32 0.00 0.47	0.11 0.10 0.05	0.39 0.30 0.22	13.91 13.00 5.39
9	Mean Median Std. Deviation	21.66 20.00 9.14	0.03 0.00 0.04	0.31 0.00 0.46	0.11 0.10 0.06	0.38 0.30 0.21	13.86 13.00 5.02
10	Mean Median Std. Deviation	22.28 20.00 9.58	0.03 0.00 0.04	0.29 0.00 0.46	0.11 0.10 0.05	0.38 0.30 0.20	14.12 13.00 5.33
Total	Mean Median Std. Deviation	21.29 19.00 11.66	0.03 0.00 0.04	0.29 0.00 0.46	0.11 0.10 0.05	0.38 0.30 0.21	13.41 13.00 5.23

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)	Calcium, Serum (mg-dL)	Cancer Antigen (CA-125) (U-mL)	CEA (ng-mL)	Chloride, Serum (mmol-L)	Cholesterol, Total (mg-dL)	Cortisol (ug-dL)
1 Mean Median Std. Deviation	9.72 9.70 0.40	16.47 12.90 17.12	1.25 0.80 4.62	103.79 104.00 2.46	193.64 189.00 42.57	12.33 11.00 6.40
2 Mean Median Std. Deviation	9.77 9.80 0.40	27.92 12.50 750.79	1.25 0.80 3.85	103.66 104.00 2.43	196.22 191.00 42.29	12.51 11.10 6.70
3 Mean Median Std. Deviation	9.79 9.80 0.39	14.66 12.20 10.94	1.28 0.80 2.21	103.52 104.00 2.41	197.95 194.00 41.70	12.42 11.20 6.39
4 Mean Median Std. Deviation	9.81 9.80 0.40	14.81 12.20 19.81	1.22 0.90 2.63	103.43 104.00 2.46	199.29 195.00 41.72	12.37 11.20 6.49
5 Mean Median Std. Deviation	9.82 9.80 0.40	15.15 12.30 21.86	1.52 0.90 11.48	103.35 103.00 2.56	200.55 197.50 41.32	12.23 11.00 6.58
6 Mean Median Std. Deviation	9.82 9.80 0.41	14.74 12.10 14.19	1.28 0.90 1.87	103.33 103.00 2.56	202.81 199.00 43.12	12.17 10.90 6.32
7 Mean Median Std. Deviation	9.83 9.80 0.39	14.77 12.20 11.59	1.52 0.90 8.82	103.10 103.00 2.52	203.21 200.00 43.07	12.10 11.10 6.00
8 Mean Median Std. Deviation	9.84 9.80 0.42	14.70 12.10 11.88	1.49 0.90 5.33	102.97 103.00 2.60	204.69 200.00 42.41	12.15 11.10 6.02
9 Mean Median Std. Deviation	9.84 9.80 0.40	14.77 12.10 14.87	1.41 1.00 1.72	103.13 103.00 2.62	204.20 201.00 41.64	11.97 10.90 6.07
10 Mean Median Std. Deviation	9.88 9.90 0.41	14.41 11.80 14.72	1.62 1.10 3.03	102.81 103.00 2.69	208.27 205.00 43.34	11.78 11.00 5.59
Total Mean Median Std. Deviation	9.80 9.80 0.40	16.52 12.30 255.27	1.37 0.90 5.45	103.35 103.00 2.54	200.44 196.00 42.52	12.23 11.00 6.30

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18 YO)

Population Decile Group - C8 (PFOA)	C-Reactive Protein, Quant (mg-L)	Creatinine, Serum (mg-dL)	Eos (%)	Eos (Absolute) (x10e3-uL)	Estradiol (pg-mL)	Folates (Folic Acid), Serum (ng-mL)
1	Mean Median Std. Deviation	4.91 2.50 8.08	0.83 0.80 0.36	2.02 2.00 1.68	0.16 0.10 0.13	441.04 43.50 2311.97
2	Mean Median Std. Deviation	4.83 2.50 8.24	0.82 0.80 0.18	2.02 2.00 1.61	0.15 0.10 0.12	262.21 36.00 1720.56
3	Mean Median Std. Deviation	4.73 2.40 7.76	0.82 0.80 0.16	2.02 2.00 1.52	0.15 0.10 0.11	264.31 34.00 1563.34
4	Mean Median Std. Deviation	4.74 2.50 8.24	0.84 0.80 0.25	2.04 2.00 1.63	0.15 0.10 0.13	206.20 31.00 1310.70
5	Mean Median Std. Deviation	4.49 2.40 6.87	0.84 0.80 0.19	2.04 2.00 1.60	0.15 0.10 0.12	176.27 31.00 1318.58
6	Mean Median Std. Deviation	4.39 2.30 6.45	0.84 0.80 0.17	2.13 2.00 1.65	0.16 0.10 0.14	143.16 29.00 1053.12
7	Mean Median Std. Deviation	4.35 2.30 7.40	0.85 0.80 0.19	2.11 2.00 1.69	0.16 0.10 0.13	148.35 27.00 1023.75
8	Mean Median Std. Deviation	3.98 2.10 5.66	0.85 0.80 0.18	2.09 2.00 1.54	0.15 0.10 0.11	139.30 26.00 1162.83
9	Mean Median Std. Deviation	4.22 2.10 7.62	0.85 0.80 0.18	2.20 2.00 1.78	0.16 0.10 0.13	100.37 26.00 649.82
10	Mean Median Std. Deviation	4.07 2.00 6.71	0.86 0.80 0.24	2.13 2.00 1.59	0.16 0.10 0.12	84.43 24.00 648.83
Total	Mean Median Std. Deviation	4.51 2.30 7.43	0.84 0.80 0.22	2.07 2.00 1.63	0.16 0.10 0.13	212.99 31.00 1448.15

Tabular (Numeric) Summary for Clinical Lab Values **within Population C8/PFOA Deciles, Stratified by Age Gender**

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)	Free Testosterone, Direct (pg-mL)	Free Thyroxine Index (Final Recoded Value)	GGT (U-L)	Globulin, Total (g- dL)	Glucose, Serum (mg-dL)	HDL Cholesterol (mg-dL)
1	Mean Median Std. Deviation	0.76 0.60 1.40	2.36 2.30 0.50	23.10 16.00 31.33	2.92 2.90 0.38	101.61 93.00 38.97
2	Mean Median Std. Deviation	0.75 0.60 0.88	2.40 2.40 0.51	24.83 17.00 35.29	2.94 2.90 0.37	101.03 93.00 37.79
3	Mean Median Std. Deviation	0.79 0.60 0.84	2.38 2.40 0.49	24.21 17.00 29.61	2.94 2.90 0.36	101.46 93.00 35.19
4	Mean Median Std. Deviation	0.72 0.60 0.65	2.39 2.40 0.53	24.87 17.00 32.64	2.94 2.90 0.37	101.32 93.00 35.91
5	Mean Median Std. Deviation	0.78 0.60 1.02	2.40 2.40 0.50	24.53 17.00 27.33	2.95 2.90 0.36	100.13 93.00 30.69
6	Mean Median Std. Deviation	0.77 0.60 1.70	2.40 2.40 0.46	24.21 17.00 25.57	2.94 2.90 0.35	101.30 93.00 35.48
7	Mean Median Std. Deviation	0.72 0.60 0.69	2.39 2.40 0.48	25.58 17.00 39.51	2.94 2.90 0.36	101.39 94.00 32.15
8	Mean Median Std. Deviation	0.73 0.60 0.78	2.44 2.40 0.50	25.52 17.00 31.51	2.92 2.90 0.36	100.12 94.00 28.87
9	Mean Median Std. Deviation	0.67 0.50 0.72	2.43 2.40 0.51	25.61 17.00 40.96	2.95 2.90 0.36	100.82 94.00 29.65
10	Mean Median Std. Deviation	0.67 0.50 0.77	2.41 2.40 0.50	26.73 18.00 36.28	2.93 2.90 0.37	102.33 95.00 31.17
Total	Mean Median Std. Deviation	0.74 0.60 1.02	2.40 2.40 0.50	24.79 17.00 33.14	2.94 2.90 0.37	101.16 93.00 34.21

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18YO)

Population Decile Group -- C8 (PFOA)	Hematocrit (%)	Hemoglobin (g-dL)	Immunoglobulin A, Qn, Serum (mg-dL)	Immunoglobulin E, Total (IU-mL)	Immunoglobulin G, Qn, Serum (mg-dL)	Immunoglobulin M, Qn, Serum (mg-dL)
1 Mean Median Std. Deviation	39.94 40.10 3.67	13.42 13.60 1.29	217.05 202.00 98.89	68.54 16.00 246.80	1062.24 1043.00 265.75	140.28 123.00 156.28
2 Mean Median Std. Deviation	40.54 40.70 3.25	13.65 13.70 1.10	217.52 203.00 98.13	67.31 15.00 231.32	1068.15 1047.00 248.02	137.43 122.00 86.07
3 Mean Median Std. Deviation	40.73 40.80 3.19	13.72 13.80 1.08	216.30 200.00 98.79	55.28 15.00 145.39	1063.10 1043.00 248.19	135.67 121.00 80.90
4 Mean Median Std. Deviation	40.78 40.80 3.26	13.73 13.80 1.11	215.28 200.00 98.02	62.23 14.00 228.02	1059.83 1039.00 253.38	133.95 117.00 86.86
5 Mean Median Std. Deviation	40.82 40.90 3.30	13.73 13.80 1.13	215.42 199.00 99.09	63.11 14.00 250.67	1055.02 1028.00 251.13	134.24 118.00 83.64
6 Mean Median Std. Deviation	40.91 41.00 3.33	13.76 13.80 1.11	211.45 195.00 99.30	64.69 14.00 281.07	1042.23 1020.00 235.82	136.06 119.00 92.69
7 Mean Median Std. Deviation	40.86 40.90 3.26	13.74 13.80 1.11	212.06 197.00 101.84	67.28 15.00 261.61	1037.47 1016.00 248.61	130.35 114.00 84.55
8 Mean Median Std. Deviation	41.01 41.00 3.31	13.78 13.80 1.12	208.14 192.00 105.55	56.56 14.00 157.75	1029.35 997.00 258.12	133.73 114.00 89.46
9 Mean Median Std. Deviation	41.01 41.00 3.25	13.79 13.80 1.09	214.50 196.00 112.15	50.42 13.00 184.56	1037.79 1015.00 246.25	132.48 116.00 93.00
10 Mean Median Std. Deviation	41.02 41.10 3.36	13.81 13.80 1.15	211.54 195.00 111.69	62.67 13.00 233.88	1025.85 1002.00 255.99	133.83 113.00 128.28
Total Mean Median Std. Deviation	40.71 40.80 3.35	13.70 13.70 1.14	214.25 198.00 101.96	62.25 14.00 226.84	1049.95 1028.00 252.21	135.16 118.00 103.35

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)	Insulin, Fasting (uIU-mL)	Insulin-Like Growth Factor I (ng-mL)	Iron, Serum (ug-dL)	LDH (IU-L)	LDL Cholesterol (Calculated)	Lymphs (%)
1 Mean Median Std. Deviation	19.97 11.80 26.83	164.08 151.00 74.79	75.30 71.00 35.29	167.32 162.00 35.30	109.40 106.00 34.88	28.97 29.00 7.64
2 Mean Median Std. Deviation	20.70 11.90 30.48	157.56 142.00 73.63	79.62 75.00 34.20	169.05 165.00 40.60	110.74 108.00 33.49	29.23 29.00 7.88
3 Mean Median Std. Deviation	20.35 12.20 28.31	156.79 142.00 70.73	80.24 76.00 34.07	168.46 164.00 33.98	111.92 109.00 34.16	29.46 29.00 7.57
4 Mean Median Std. Deviation	20.09 12.30 23.80	149.95 136.00 70.70	80.12 76.00 33.38	169.54 165.00 33.41	112.63 109.00 35.08	29.54 29.00 7.35
5 Mean Median Std. Deviation	19.84 11.50 31.20	149.67 135.00 72.47	80.79 77.00 33.60	170.96 166.00 50.83	113.86 110.00 34.81	29.46 29.00 7.69
6 Mean Median Std. Deviation	20.18 11.20 32.06	146.29 133.00 69.67	81.03 76.00 33.59	172.48 168.00 35.67	114.77 111.00 35.82	29.46 29.00 7.29
7 Mean Median Std. Deviation	18.76 11.70 23.23	141.00 128.00 65.11	82.45 79.00 33.64	172.80 168.00 33.36	114.18 111.00 34.44	29.53 29.00 7.84
8 Mean Median Std. Deviation	18.51 11.20 26.12	138.67 125.00 66.36	83.61 79.00 34.47	173.96 169.00 34.57	115.87 112.00 36.24	29.81 29.00 7.41
9 Mean Median Std. Deviation	18.19 11.10 24.11	136.55 123.00 63.51	81.82 78.00 32.68	173.62 170.00 44.94	114.58 111.00 34.59	29.65 30.00 7.51
10 Mean Median Std. Deviation	17.35 10.30 20.96	130.97 119.00 58.56	81.39 78.00 31.02	177.47 174.00 36.41	117.12 113.00 36.15	29.68 29.00 7.60
Total Mean Median Std. Deviation	19.51 11.60 27.14	148.55 135.00 70.07	80.32 76.00 33.82	171.13 167.00 38.31	113.16 110.00 34.98	29.45 29.00 7.55

**Tabular (Numeric) Summary for Clinical Lab Values
within Population C8/PFOA Deciles, Stratified by Age Gender**

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)	Lymphs (Absolute) (x10e3-uL)	Magnesium, Serum (mg-dL)	MCH (pg)	MCHC (g-dL)	MCV (fL)	Monocytes (%)	Monocytes(Absolute) (x10e3-uL)
1 Mean Median Std. Deviation	2.13 2.10 0.65	1.98 2.00 0.17	30.18 30.50 2.31	33.60 33.70 0.77	89.79 90.00 5.89	5.68 6.00 1.97	0.42 0.40 0.16
2 Mean Median Std. Deviation	2.13 2.00 0.73	1.99 2.00 0.17	30.43 30.60 1.95	33.67 33.70 0.68	90.37 91.00 5.08	5.75 6.00 2.00	0.42 0.40 0.16
3 Mean Median Std. Deviation	2.16 2.10 1.81	1.99 2.00 0.16	30.50 30.60 1.78	33.69 33.70 0.64	90.55 91.00 4.66	5.85 6.00 2.01	0.42 0.40 0.16
4 Mean Median Std. Deviation	2.14 2.10 0.66	2.00 2.00 0.17	30.52 30.60 1.81	33.68 33.70 0.64	90.64 91.00 4.73	5.83 6.00 1.92	0.42 0.40 0.16
5 Mean Median Std. Deviation	2.15 2.00 0.93	2.00 2.00 0.17	30.52 30.60 1.93	33.63 33.70 0.67	90.76 91.00 5.02	5.83 6.00 2.03	0.42 0.40 0.16
6 Mean Median Std. Deviation	2.13 2.00 0.68	2.01 2.00 0.17	30.60 30.70 1.79	33.64 33.70 0.63	91.01 91.00 4.75	5.94 6.00 2.00	0.43 0.40 0.16
7 Mean Median Std. Deviation	2.14 2.10 0.74	2.01 2.00 0.17	30.71 30.80 1.77	33.64 33.70 0.65	91.33 91.00 4.67	6.01 6.00 2.09	0.43 0.40 0.17
8 Mean Median Std. Deviation	2.12 2.00 0.73	2.02 2.00 0.17	30.76 30.90 1.84	33.60 33.60 0.64	91.58 92.00 4.89	6.02 6.00 2.05	0.43 0.40 0.17
9 Mean Median Std. Deviation	2.10 2.00 0.68	2.02 2.00 0.16	30.69 30.80 1.82	33.61 33.60 0.64	91.34 91.50 4.83	5.99 6.00 2.03	0.42 0.40 0.16
10 Mean Median Std. Deviation	2.18 2.00 1.75	2.02 2.00 0.16	30.80 30.90 1.88	33.65 33.70 0.65	91.53 92.00 4.94	5.96 6.00 1.99	0.43 0.40 0.17
Total Mean Median Std. Deviation	2.14 2.00 1.03	2.00 2.00 0.17	30.54 30.70 1.93	33.64 33.70 0.67	90.80 91.00 5.04	5.87 6.00 2.01	0.42 0.40 0.16

**Tabular (Numeric) Summary for Clinical Lab Values
within Population C8/PFOA Deciles, Stratified by Age Gender**

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)		Neutrophils (%)	Neutrophils (Absolute) (x10e3-uL)	Phosphorus, Serum (mg-dL)	Platelets (x10e3-uL)	Potassium, Serum (mmol-L)	Prolactin (ng-mL)
1	Mean Median Std. Deviation	63.06 63.00 8.66	4.84 4.60 1.85	3.64 3.60 0.59	299.33 290.00 73.95	4.08 4.10 0.32	14.35 8.10 27.10
2	Mean Median Std. Deviation	62.74 63.00 8.77	4.78 4.40 1.89	3.62 3.60 0.56	294.88 290.00 69.57	4.07 4.10 0.32	11.99 8.00 19.65
3	Mean Median Std. Deviation	62.40 63.00 8.61	4.73 4.40 1.80	3.64 3.60 0.56	293.45 288.00 67.09	4.08 4.10 0.34	12.12 7.80 21.30
4	Mean Median Std. Deviation	62.30 62.00 8.34	4.71 4.40 1.76	3.65 3.60 0.58	295.88 290.00 68.82	4.09 4.10 0.34	11.94 7.80 22.40
5	Mean Median Std. Deviation	62.38 63.00 8.72	4.72 4.40 1.81	3.65 3.60 0.55	293.54 287.00 68.15	4.10 4.10 0.33	10.80 7.80 16.28
6	Mean Median Std. Deviation	62.13 62.00 8.22	4.66 4.40 1.75	3.65 3.70 0.54	295.01 280.00 70.80	4.12 4.10 0.34	10.94 7.80 17.10
7	Mean Median Std. Deviation	62.03 62.00 8.69	4.66 4.40 1.75	3.67 3.70 0.55	292.02 288.00 67.85	4.11 4.10 0.34	10.61 7.60 15.76
8	Mean Median Std. Deviation	61.75 62.00 8.44	4.55 4.30 1.68	3.68 3.70 0.53	291.10 285.00 67.61	4.13 4.10 0.36	10.46 7.60 15.37
9	Mean Median Std. Deviation	61.85 62.00 8.52	4.55 4.30 1.65	3.69 3.70 0.53	292.26 285.00 72.75	4.14 4.10 0.36	9.83 7.50 12.22
10	Mean Median Std. Deviation	61.94 62.00 8.45	4.61 4.30 1.71	3.73 3.70 0.56	291.70 285.00 68.70	4.16 4.10 0.37	9.53 7.30 17.70
Total	Mean Median Std. Deviation	62.32 63.00 8.56	4.70 4.40 1.78	3.66 3.70 0.56	294.25 288.00 69.77	4.10 4.10 0.34	11.47 7.80 19.57

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18YO)

Population Decile Group – C8 (PFOA)	Protein, Total, Serum (g-dL)	RDW (%)	Red Blood Cell Count (x10e6-uL)	Sodium, Serum (mmol-L)	T3 Uptake (%)	Testosterone, Serum (ng-dL)	Thyroxine (T4) (ng-dL)
1	Mean Median Std. Deviation	7.24 7.20 0.46	14.24 13.90 1.56	4.46 4.47 0.40	140.39 140.00 2.18	29.23 30.00 4.09	41.11 38.00 22.55
2	Mean Median Std. Deviation	7.29 7.30 0.43	13.96 13.70 1.33	4.50 4.50 0.37	140.48 141.00 2.17	29.07 30.00 3.89	40.49 37.00 28.12
3	Mean Median Std. Deviation	7.31 7.30 0.43	13.89 13.60 1.21	4.51 4.51 0.36	140.53 141.00 2.13	29.03 29.00 3.85	40.88 38.00 23.16
4	Mean Median Std. Deviation	7.31 7.30 0.43	13.87 13.70 1.19	4.51 4.52 0.37	140.60 141.00 2.19	29.00 30.00 3.82	39.11 37.00 18.47
5	Mean Median Std. Deviation	7.32 7.30 0.43	13.92 13.70 1.24	4.51 4.52 0.37	140.58 141.00 2.28	29.17 29.00 3.65	39.90 37.00 25.00
6	Mean Median Std. Deviation	7.32 7.30 0.43	13.87 13.70 1.12	4.51 4.51 0.39	140.66 141.00 2.28	29.26 30.00 3.66	39.05 37.00 21.66
7	Mean Median Std. Deviation	7.32 7.30 0.43	13.88 13.60 1.17	4.48 4.49 0.38	140.54 141.00 2.19	29.21 30.00 3.64	38.08 36.00 19.39
8	Mean Median Std. Deviation	7.31 7.30 0.43	13.90 13.70 1.22	4.49 4.50 0.38	140.57 141.00 2.36	29.36 30.00 3.61	38.03 36.00 19.28
9	Mean Median Std. Deviation	7.32 7.30 0.42	13.86 13.70 1.18	4.50 4.51 0.38	140.69 141.00 2.34	29.36 30.00 3.49	37.33 35.00 20.44
10	Mean Median Std. Deviation	7.33 7.30 0.42	13.87 13.60 1.23	4.49 4.49 0.38	140.62 141.00 2.35	29.41 30.00 3.39	37.03 35.00 20.81
Total	Mean Median Std. Deviation	7.30 7.30 0.43	13.94 13.70 1.28	4.49 4.50 0.38	140.55 141.00 2.24	29.20 30.00 3.75	39.30 36.00 22.33

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Women (Female, >=18YO)

Population Decile Group -- C8 (PFOA)	Triglycerides (mg-dL)	TSH (uIU-mL)	Uric Acid, Serum (mg-dL)	Vitamin B12 (pg-mL)	VLDL Cholesterol (Calculated) (mg-dL)	White Blood Cell Count (x10e3-uL)
1	Mean Median Std. Deviation	159.25 128.00 143.77	2.23 1.65 4.66	4.68 4.50 1.34	473.85 417.00 269.27	28.95 25.00 15.60
2	Mean Median Std. Deviation	162.28 128.00 146.00	2.19 1.68 3.42	4.80 4.60 1.30	473.11 415.00 281.99	28.80 25.00 15.28
3	Mean Median Std. Deviation	159.94 132.00 114.51	2.35 1.72 3.67	4.82 4.70 1.29	458.83 406.00 241.98	29.27 26.00 15.10
4	Mean Median Std. Deviation	164.97 137.00 112.77	2.32 1.71 3.52	4.88 4.70 1.33	470.83 410.00 284.50	30.13 27.00 15.67
5	Mean Median Std. Deviation	164.65 135.50 111.83	2.42 1.74 5.69	4.91 4.70 1.36	476.46 415.00 270.03	30.18 26.00 15.56
6	Mean Median Std. Deviation	165.57 137.00 113.78	2.35 1.76 4.29	4.95 4.80 1.36	478.50 414.00 287.22	30.40 27.00 15.79
7	Mean Median Std. Deviation	173.12 140.00 143.28	2.51 1.77 5.03	4.99 4.80 1.48	476.79 415.00 282.93	30.90 27.00 15.55
8	Mean Median Std. Deviation	169.82 140.00 113.23	2.25 1.78 2.81	4.98 4.80 1.42	492.85 422.00 310.31	30.92 27.00 15.77
9	Mean Median Std. Deviation	171.08 143.00 113.90	2.43 1.79 4.26	4.98 4.80 1.46	494.51 428.00 285.19	31.27 28.00 15.60
10	Mean Median Std. Deviation	178.18 150.00 119.37	2.51 1.84 3.76	5.08 4.90 1.42	507.04 434.00 305.39	32.17 29.00 15.98
Total	Mean Median Std. Deviation	166.12 136.00 125.58	2.34 1.73 4.20	4.89 4.70 1.38	479.02 417.00 281.16	30.15 27.00 15.60

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group – C8 (PFOA)	A-G Ratio (Final Recorded Value)	AFP Tumor Marker, Serum (ng-mL)	Albumin, Serum (g-dL)	Alkaline Phosphatase, Serum (IU-L)	ALT (SGPT) (IU- L)	Antinuclear Antibodies Direct (U-mL)	AST (SGOT) (IU-L)	Baso (Absolute) (x10e3-uL)
1 Mean Median Std. Deviation	1.59 1.60 0.27	2.45 2.00 1.01	4.40 4.40 0.34	86.70 82.00 32.12	28.46 25.00 17.99	38.02 26.00 47.67	24.41 22.00 11.64	0.02 0.00 0.04
2 Mean Median Std. Deviation	1.61 1.60 0.24	2.50 2.00 1.06	4.49 4.50 0.29	86.54 83.00 31.09	31.37 26.00 36.36	37.96 27.00 56.61	25.98 22.00 26.23	0.02 0.00 0.04
3 Mean Median Std. Deviation	1.62 1.60 0.24	2.55 2.00 2.20	4.51 4.50 0.29	85.22 82.00 26.14	30.46 26.00 21.08	37.30 27.00 56.66	24.83 22.00 12.40	0.02 0.00 0.04
4 Mean Median Std. Deviation	1.63 1.60 0.24	2.56 2.00 1.29	4.53 4.50 0.29	84.78 82.00 25.79	32.18 26.00 34.52	37.01 27.00 52.36	25.55 23.00 16.57	0.02 0.00 0.04
5 Mean Median Std. Deviation	1.62 1.60 0.24	12.47 2.00 524.43	4.54 4.50 0.28	85.28 82.00 23.82	31.69 26.00 20.68	38.13 28.00 62.32	25.32 23.00 11.29	0.02 0.00 0.04
6 Mean Median Std. Deviation	1.62 1.60 0.24	2.54 2.00 1.43	4.53 4.50 0.29	84.08 80.00 31.75	31.24 26.00 26.21	40.19 28.00 77.25	25.77 23.00 18.61	0.03 0.00 0.04
7 Mean Median Std. Deviation	1.62 1.60 0.24	2.57 2.00 1.26	4.53 4.50 0.29	84.02 81.00 25.89	31.08 26.00 20.23	40.43 30.00 59.23	25.61 23.00 15.69	0.03 0.00 0.04
8 Mean Median Std. Deviation	1.61 1.60 0.24	2.58 2.00 1.25	4.52 4.50 0.29	83.56 81.00 23.80	30.73 26.00 19.29	42.44 30.00 73.78	25.36 23.00 14.03	0.03 0.00 0.05
9 Mean Median Std. Deviation	1.61 1.60 0.23	2.60 2.00 1.28	4.53 4.50 0.27	83.38 80.00 26.02	30.55 26.00 18.49	39.85 29.00 51.89	25.37 23.00 11.15	0.03 0.00 0.05
10 Mean Median Std. Deviation	1.62 1.60 0.24	2.61 2.00 1.06	4.53 4.50 0.27	84.04 81.00 24.02	31.64 27.00 19.67	41.48 29.00 58.48	25.65 23.00 11.54	0.03 0.00 0.05
Total Mean Median Std. Deviation	1.62 1.60 0.24	3.60 2.00 169.61	4.52 4.50 0.29	84.58 81.00 26.81	31.04 26.00 23.92	39.47 28.00 60.89	25.42 23.00 15.19	0.03 0.00 0.04

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group - C8 (PFOA)	Basos (%)	Bilirubin, Direct (mg-dL)	Bilirubin, Total (mg-dL)	BUN (mg-dL)	BUN-Creatinine Ratio (Final Recoded Value)	Calcium, Serum (mg-dL)	Cancer Antigen (CA-125) (U/mL)	CEA (ng-mL)
1 Mean Median Std. Deviation	0.26 0.00 0.44	0.13 0.11 0.07	0.47 0.40 0.32	16.20 15.00 7.34	14.81 14.00 4.42	9.79 9.80 0.41	13.33 10.60 12.64	1.67 1.30 1.69
2 Mean Median Std. Deviation	0.25 0.00 0.44	0.13 0.12 0.09	0.50 0.40 0.29	15.33 14.00 5.46	14.75 14.00 4.32	9.85 9.80 0.39	12.41 10.70 8.66	1.53 1.30 1.24
3 Mean Median Std. Deviation	0.26 0.00 0.44	0.13 0.12 0.06	0.50 0.40 0.29	14.97 14.00 5.10	14.44 14.00 4.14	9.87 9.90 0.37	12.64 10.70 8.70	1.51 1.20 1.24
4 Mean Median Std. Deviation	0.28 0.00 0.45	0.14 0.12 0.25	0.52 0.40 0.46	14.99 14.00 4.65	14.42 14.00 4.11	9.89 9.90 0.38	13.88 10.70 73.28	3.15 1.30 62.47
5 Mean Median Std. Deviation	0.27 0.00 0.45	0.13 0.12 0.06	0.51 0.40 0.29	15.15 15.00 4.88	14.52 14.00 3.93	9.89 9.90 0.37	13.21 11.00 22.52	1.49 1.20 1.25
6 Mean Median Std. Deviation	0.30 0.00 0.46	0.14 0.12 0.15	0.51 0.40 0.35	15.45 15.00 5.13	14.72 14.00 4.14	9.87 9.90 0.38	13.05 10.80 15.51	1.82 1.20 14.59
7 Mean Median Std. Deviation	0.30 0.00 0.47	0.13 0.12 0.06	0.52 0.40 0.29	15.28 15.00 5.18	14.52 14.00 3.93	9.88 9.90 0.39	13.18 10.70 20.14	1.73 1.30 9.33
8 Mean Median Std. Deviation	0.33 0.00 0.48	0.13 0.12 0.06	0.52 0.40 0.30	15.30 15.00 4.80	14.58 14.00 4.03	9.88 9.90 0.38	13.00 10.90 13.39	1.53 1.20 1.52
9 Mean Median Std. Deviation	0.33 0.00 0.47	0.13 0.12 0.06	0.51 0.40 0.28	15.40 15.00 4.59	14.71 14.00 3.90	9.88 9.90 0.38	12.64 10.90 10.13	1.63 1.30 1.92
10 Mean Median Std. Deviation	0.32 0.00 0.47	0.13 0.12 0.06	0.51 0.40 0.29	15.58 15.00 4.83	14.75 14.00 4.06	9.89 9.90 0.38	12.92 11.00 8.55	1.55 1.30 1.18
Total Mean Median Std. Deviation	0.29 0.00 0.46	0.13 0.12 0.11	0.51 0.40 0.32	15.34 15.00 5.13	14.62 14.00 4.08	9.87 9.90 0.38	13.03 10.80 27.20	1.77 1.30 20.89

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group – C8 (PFOA)	Chloride, Serum (mmol-L)	Cholesterol, Total (mg-dL)	Cortisol (ug-dL)	C-Reactive Protein, Quant (mg-L)	Creatinine, Serum (mg-dL)	Eos (%)	Eos (Absolute) (x10e3-uL)	Estradiol (pg- mL)
1	Mean Median Std. Deviation	103.13 103.00 2.77	188.39 185.00 44.02	13.02 12.30 5.33	4.30 1.80 8.26	1.14 1.00 0.77	2.50 2.00 1.81	0.19 0.20 0.15
2	Mean Median Std. Deviation	103.05 103.00 2.45	189.19 187.00 41.13	13.31 12.70 5.45	4.08 1.70 10.94	1.05 1.00 0.36	2.42 2.00 1.80	0.18 0.10 0.14
3	Mean Median Std. Deviation	103.13 103.00 2.36	191.66 188.00 43.47	13.32 12.90 5.50	3.39 1.60 7.17	1.05 1.00 0.24	2.45 2.00 1.86	0.18 0.10 0.15
4	Mean Median Std. Deviation	103.05 103.00 2.37	192.90 191.00 42.00	13.42 12.70 5.61	3.25 1.50 8.12	1.05 1.00 0.24	2.41 2.00 1.76	0.18 0.10 0.14
5	Mean Median Std. Deviation	103.07 103.00 2.42	195.14 191.00 44.09	13.50 12.90 5.59	3.19 1.50 7.11	1.05 1.00 0.19	2.38 2.00 1.69	0.18 0.10 0.13
6	Mean Median Std. Deviation	102.98 103.00 2.48	192.45 188.00 43.16	13.24 12.70 5.54	3.16 1.40 7.72	1.06 1.00 0.21	2.41 2.00 1.73	0.18 0.10 0.13
7	Mean Median Std. Deviation	102.88 103.00 2.54	195.74 193.00 44.01	13.11 12.50 5.55	2.99 1.40 6.82	1.06 1.00 0.21	2.36 2.00 1.69	0.17 0.10 0.12
8	Mean Median Std. Deviation	102.75 103.00 2.43	194.47 191.00 41.37	13.04 12.50 5.51	2.98 1.40 6.41	1.06 1.00 0.21	2.48 2.00 1.86	0.18 0.10 0.15
9	Mean Median Std. Deviation	102.83 103.00 2.48	196.86 194.00 40.88	12.74 12.20 5.38	2.84 1.40 5.79	1.06 1.00 0.18	2.44 2.00 1.80	0.18 0.10 0.14
10	Mean Median Std. Deviation	102.72 103.00 2.45	199.15 197.00 41.34	12.76 12.10 5.46	2.81 1.30 6.41	1.07 1.00 0.20	2.49 2.00 1.73	0.18 0.10 0.13
Total	Mean Median Std. Deviation	102.94 103.00 2.47	194.12 191.00 42.59	13.13 12.50 5.50	3.22 1.50 7.41	1.06 1.00 0.29	2.43 2.00 1.77	0.18 0.10 0.14
								25.56 24.00 13.15 24.75 24.00 9.44 24.82 24.00 9.58 25.20 24.00 9.71 25.14 24.00 9.41 25.23 24.00 9.62 29.04 24.00 203.00 24.93 24.00 9.36 25.39 24.00 9.94 25.89 25.00 9.29 25.64 24.00 66.97

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group – C8 (PFOA)	Folates (Folic Acid), Serum (ng-mL)	Free Testosterone, Direct (pg-mL)	Free Thyroxine Index (Final Recoded Value)	GGT (U-L)	Globulin, Total (g-dL)	Glucose, Serum (mg-dL)	HDL Cholesterol (mg-dL)	Hematocrit (%)
1	Mean Median Std. Deviation	17.82 14.60 10.66	9.66 9.00 4.82	2.37 2.30 0.47	39.99 27.00 54.56	117.95 100.00 56.00	43.36 42.00 11.60	44.81 45.30 4.04
2	Mean Median Std. Deviation	17.13 13.70 10.12	9.94 9.30 4.11	2.42 2.40 0.48	40.63 27.00 82.21	111.76 99.00 47.73	43.75 42.00 11.65	45.46 45.70 3.37
3	Mean Median Std. Deviation	16.62 13.80 9.66	10.16 9.60 4.55	2.41 2.40 0.45	36.84 26.00 45.57	107.28 98.00 37.98	43.71 42.00 11.37	45.56 45.80 3.33
4	Mean Median Std. Deviation	16.91 14.30 9.80	10.42 9.80 4.85	2.42 2.40 0.48	36.85 26.00 47.34	106.10 97.00 34.28	43.69 42.00 11.67	45.71 45.90 3.32
5	Mean Median Std. Deviation	17.14 14.40 9.89	10.31 9.90 4.03	2.41 2.40 0.46	37.72 27.00 41.93	106.25 97.00 38.14	43.89 42.00 11.09	45.79 45.90 3.36
6	Mean Median Std. Deviation	17.28 14.15 10.08	10.44 9.80 4.76	2.40 2.40 0.50	39.01 26.00 80.87	106.50 97.00 37.81	43.98 42.00 11.99	45.53 45.80 3.43
7	Mean Median Std. Deviation	17.22 14.40 9.66	10.35 9.80 4.53	2.41 2.40 0.48	37.42 26.00 49.47	107.68 98.00 38.96	43.94 42.00 11.65	45.78 45.90 3.36
8	Mean Median Std. Deviation	17.35 14.20 10.06	10.40 9.90 4.43	2.42 2.40 0.44	37.60 26.00 50.72	106.99 97.00 37.74	43.71 42.00 11.29	45.76 45.80 3.24
9	Mean Median Std. Deviation	18.10 15.10 10.22	10.19 9.70 4.26	2.42 2.40 0.44	35.58 27.00 36.79	106.83 98.00 37.26	44.53 43.00 11.84	45.69 45.80 3.22
10	Mean Median Std. Deviation	18.31 15.20 10.10	10.11 9.60 4.06	2.40 2.40 0.49	37.42 28.00 36.06	106.33 97.00 35.93	44.57 43.00 11.89	45.61 45.70 3.29
Total	Mean Median Std. Deviation	17.41 14.40 10.02	10.23 9.70 4.44	2.41 2.40 0.47	37.70 27.00 53.34	107.80 98.00 39.63	43.96 42.00 11.62	45.61 45.80 3.38

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group – C8 (PFOA)	Hemoglobin (g-dL)	Immunoglobulin A, Qn, Serum (mg-dL)	Immunoglobulin E, Total (IU-mL)	Immunoglobulin G, Qn, Serum (mg-dL)	Immunoglobulin M, Qn, Serum (mg-dL)	Insulin, Fasting (uIU-mL)	Insulin-Like Growth Factor I (ng-mL)
1 Mean Median Std. Deviation	15.15 15.30 1.40	237.76 218.50 122.04	115.25 31.00 305.31	1031.10 1000.50 288.67	99.86 86.00 72.63	26.37 13.70 40.05	150.68 141.00 61.09
2 Mean Median Std. Deviation	15.40 15.50 1.16	236.86 216.00 115.60	124.30 29.00 379.58	1045.34 1025.00 242.18	103.17 88.00 76.32	24.51 13.40 34.18	154.58 144.00 62.31
3 Mean Median Std. Deviation	15.44 15.50 1.15	234.06 217.00 105.95	122.34 30.00 390.73	1052.60 1032.00 237.76	105.26 92.00 68.15	23.67 13.60 33.72	156.37 147.00 62.43
4 Mean Median Std. Deviation	15.50 15.60 1.13	230.69 215.00 108.89	98.26 28.00 266.30	1042.90 1019.00 236.73	102.04 90.00 66.89	23.34 12.95 33.04	153.43 146.00 58.00
5 Mean Median Std. Deviation	15.51 15.60 1.14	230.56 214.00 105.94	108.88 29.00 308.85	1042.40 1022.00 239.54	104.57 88.00 77.07	21.67 12.30 29.84	154.33 144.00 60.44
6 Mean Median Std. Deviation	15.44 15.50 1.17	227.05 211.00 106.64	101.34 28.00 270.33	1046.13 1029.00 271.93	101.76 88.00 76.36	22.23 12.60 26.74	150.74 142.00 58.46
7 Mean Median Std. Deviation	15.50 15.60 1.14	229.14 212.00 109.04	106.00 26.00 323.16	1037.83 1014.00 239.94	105.88 90.00 87.14	22.80 12.90 32.77	150.95 139.00 62.98
8 Mean Median Std. Deviation	15.48 15.50 1.11	228.09 213.00 109.47	102.86 29.00 254.38	1035.99 1012.00 239.91	105.09 90.00 83.94	22.87 12.60 33.18	145.76 135.00 60.16
9 Mean Median Std. Deviation	15.47 15.50 1.10	226.16 210.00 119.77	99.62 27.00 316.21	1034.26 1007.00 249.87	104.91 89.00 82.82	21.37 12.10 30.30	143.57 135.00 56.05
10 Mean Median Std. Deviation	15.46 15.50 1.12	224.98 208.50 103.67	93.22 26.00 238.53	1028.10 1007.00 241.11	102.49 87.00 88.22	20.33 11.80 25.78	144.21 135.00 56.45
Total Mean Median Std. Deviation	15.45 15.50 1.16	229.82 213.00 110.30	105.82 28.00 304.74	1039.42 1017.00 247.71	103.67 89.00 78.98	22.64 12.70 31.82	150.03 140.00 59.79

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group – C8 (PFOA)										
	Iron, Serum (ug-dL)	LDH (IU-L)	LDL Cholesterol (Calculated)	Lymphs (%)	Lymphs (Absolute) (x10e3-uL)	Magnesium, Serum (mg-dL)	MCH (pg)	MCHC (g-dL)	MCV (fL)	
1	Mean Median Std. Deviation	89.57 85.00 34.74	171.24 167.00 34.15	104.20 101.00 35.01	27.97 28.00 7.91	2.07 2.00 0.74	2.02 2.00 0.16	30.89 31.00 1.93	33.79 33.80 0.68	91.42 92.00 5.15
2	Mean Median Std. Deviation	93.70 89.00 34.92	172.01 167.00 40.88	107.44 104.50 34.31	28.68 29.00 7.42	2.05 2.00 0.66	2.03 2.00 0.16	30.98 31.00 1.60	33.89 33.90 0.62	91.48 91.00 4.42
3	Mean Median Std. Deviation	92.89 89.00 33.42	169.82 166.00 32.47	108.70 107.00 34.90	28.73 28.00 7.34	2.09 2.00 0.68	2.03 2.00 0.15	30.87 30.80 1.55	33.86 33.90 0.60	91.14 91.00 4.22
4	Mean Median Std. Deviation	94.53 89.00 35.11	171.14 168.00 33.57	110.44 108.00 35.74	29.02 29.00 7.37	2.06 2.00 0.72	2.04 2.00 0.15	30.88 30.90 1.57	33.90 33.90 0.62	91.14 91.00 4.26
5	Mean Median Std. Deviation	95.13 91.00 34.23	170.71 167.00 31.94	111.68 109.00 36.36	28.76 28.00 7.49	2.07 2.00 0.87	2.04 2.00 0.15	30.93 30.90 1.53	33.87 33.90 0.61	91.37 91.00 4.20
6	Mean Median Std. Deviation	93.78 89.00 34.09	171.08 167.00 40.37	109.04 107.00 35.25	28.53 28.00 7.31	2.01 1.90 0.64	2.04 2.00 0.15	30.97 31.00 1.56	33.91 33.90 0.61	91.37 91.00 4.27
7	Mean Median Std. Deviation	95.18 91.00 33.39	171.69 167.00 37.46	111.61 109.00 35.42	29.00 29.00 7.60	2.09 2.00 2.48	2.04 2.00 0.15	31.01 31.00 1.52	33.87 33.90 0.59	91.62 91.00 4.21
8	Mean Median Std. Deviation	94.63 90.00 33.11	171.00 167.00 33.19	111.46 109.00 35.33	28.54 28.00 7.44	2.04 1.90 0.98	2.05 2.00 0.15	31.00 31.00 1.51	33.83 33.80 0.59	91.68 91.00 4.19
9	Mean Median Std. Deviation	94.17 90.00 33.41	171.39 168.00 30.88	112.53 111.00 34.65	28.79 29.00 7.49	2.05 1.90 1.23	2.05 2.10 0.15	31.01 31.00 1.59	33.86 33.90 0.61	91.62 91.00 4.35
10	Mean Median Std. Deviation	95.55 90.00 34.35	172.42 169.00 30.49	114.25 112.00 34.70	28.64 29.00 7.31	2.01 1.90 0.63	2.05 2.10 0.15	31.07 31.00 1.55	33.90 33.90 0.59	91.71 92.00 4.30
Total	Mean Median Std. Deviation	94.15 90.00 34.05	171.27 167.00 34.45	110.61 108.00 35.27	28.70 28.00 7.45	2.05 2.00 1.13	2.04 2.00 0.15	30.97 31.00 1.58	33.87 33.90 0.61	91.47 91.00 4.33

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group -- C8 (PFOA)	Monocytes (%)	Monocytes(Absolute) (x10e3-uL)	Neutrophils (%)	Neutrophils (Absolute) (x10e3-uL)	Phosphorus, Serum (mg-dL)	Platelets (x10e3-uL)	Potassium, Serum (mmol-L)	Prothrombin (ng-mL)
1	Mean Median Std. Deviation	6.69 7.00 2.18	0.49 0.50 0.19	62.59 63.00 8.98	4.81 4.50 1.78	3.53 3.50 0.69	269.06 261.00 71.48	4.23 4.20 0.38
2	Mean Median Std. Deviation	6.77 7.00 2.05	0.48 0.50 0.17	61.88 62.00 8.26	4.60 4.30 1.75	3.50 3.50 0.62	259.31 253.00 58.97	4.19 4.20 0.35
3	Mean Median Std. Deviation	6.78 7.00 2.21	0.49 0.50 0.18	61.78 62.00 8.42	4.65 4.30 1.72	3.50 3.50 0.60	262.71 260.00 61.03	4.19 4.20 0.31
4	Mean Median Std. Deviation	6.80 7.00 2.13	0.48 0.50 0.18	61.49 62.00 8.33	4.53 4.20 1.68	3.49 3.50 0.59	261.90 258.00 61.08	4.19 4.20 0.33
5	Mean Median Std. Deviation	6.74 7.00 2.15	0.48 0.50 0.18	61.85 62.00 8.39	4.61 4.30 1.93	3.49 3.50 0.59	261.54 256.00 59.36	4.21 4.20 0.32
6	Mean Median Std. Deviation	6.83 7.00 2.18	0.48 0.50 0.18	61.93 62.00 8.34	4.54 4.20 1.69	3.52 3.50 0.61	258.40 253.00 60.62	4.21 4.20 0.35
7	Mean Median Std. Deviation	6.88 7.00 2.11	0.49 0.50 0.17	61.45 62.00 8.53	4.49 4.20 1.62	3.52 3.50 0.60	257.49 254.00 57.01	4.22 4.20 0.35
8	Mean Median Std. Deviation	6.84 7.00 2.13	0.48 0.50 0.18	61.80 62.00 8.40	4.52 4.20 1.62	3.50 3.50 0.57	258.35 254.00 63.53	4.24 4.20 0.33
9	Mean Median Std. Deviation	6.92 7.00 2.08	0.49 0.50 0.18	61.52 62.00 8.47	4.47 4.20 1.66	3.53 3.50 0.57	257.83 253.00 59.20	4.24 4.20 0.34
10	Mean Median Std. Deviation	6.92 7.00 2.11	0.49 0.50 0.28	61.63 62.00 8.38	4.51 4.20 1.94	3.55 3.50 0.56	258.31 253.00 58.42	4.26 4.20 0.34
Total	Mean Median Std. Deviation	6.83 7.00 2.14	0.49 0.50 0.19	61.75 62.00 8.44	4.56 4.30 1.74	3.51 3.50 0.60	260.05 255.00 60.78	4.22 4.20 0.34

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group -- C8 (PFOA)	Prostate-Specific Antigen, Serum (ng-mL)	Protein, Total, Serum (g-dL)	RDW (%)	Red Blood Cell Count (x10e6-uL)	Sodium, Serum (mmol-L)	T3 Uptake (%)	Testosterone, Serum (ng-dL)	Thyroxine (T4) (ng-dL)
1	Mean Median Std. Deviation	1.03 0.70 1.46	7.24 7.20 0.49	14.10 13.80 1.32	4.92 4.97 0.49	140.62 141.00 2.41	32.17 32.00 3.00	368.81 350.00 164.51
2	Mean Median Std. Deviation	1.00 0.60 1.95	7.32 7.30 0.42	13.81 13.70 0.96	4.98 5.01 0.42	140.77 141.00 2.18	32.13 32.00 3.00	370.68 348.50 161.00
3	Mean Median Std. Deviation	0.91 0.60 1.10	7.36 7.30 0.42	13.75 13.60 0.96	5.01 5.03 0.41	140.91 141.00 2.15	32.07 32.00 3.01	369.03 350.00 152.36
4	Mean Median Std. Deviation	1.04 0.60 5.10	7.36 7.40 0.41	13.72 13.60 0.96	5.03 5.04 0.41	140.97 141.00 2.12	32.04 32.00 3.09	374.51 351.00 161.57
5	Mean Median Std. Deviation	1.04 0.70 2.32	7.38 7.40 0.42	13.70 13.60 0.94	5.02 5.05 0.42	140.92 141.00 2.24	32.08 32.00 3.03	367.07 351.00 146.26
6	Mean Median Std. Deviation	1.02 0.60 2.21	7.37 7.40 0.43	13.73 13.60 1.05	4.99 5.03 0.43	140.88 141.00 2.24	32.15 32.00 3.09	379.58 354.00 194.50
7	Mean Median Std. Deviation	1.31 0.60 20.59	7.38 7.40 0.42	13.68 13.60 0.96	5.01 5.03 0.42	140.93 141.00 2.28	32.13 32.00 3.01	368.96 345.00 153.02
8	Mean Median Std. Deviation	1.06 0.70 2.16	7.36 7.40 0.42	13.67 13.50 0.86	5.00 5.01 0.40	140.81 141.00 2.22	32.09 32.00 2.94	373.01 355.00 156.51
9	Mean Median Std. Deviation	1.07 0.70 1.82	7.38 7.40 0.41	13.70 13.60 0.93	5.00 5.02 0.40	140.88 141.00 2.32	31.90 32.00 2.94	371.30 352.00 145.68
10	Mean Median Std. Deviation	1.16 0.70 2.21	7.37 7.40 0.41	13.67 13.50 0.96	4.99 4.99 0.41	140.83 141.00 2.28	31.96 32.00 2.98	380.90 362.00 152.22
Total	Mean Median Std. Deviation	1.07 0.70 7.15	7.36 7.40 0.42	13.73 13.60 0.98	5.00 5.02 0.42	140.86 141.00 2.24	32.06 32.00 3.01	372.75 353.00 158.83

Tabular (Numeric) Summary for Clinical Lab Values within Population C8/PFOA Deciles, Stratified by Age Gender

Men (Male, >=18YO)

Population Decile Group – C8 (PFOA)	Triglycerides (mg-dL)	TSH (uIU-mL)	Uric Acid, Serum (mg-dL)	Vitamin B12 (pg-mL)	VLDL Cholesterol (Calculated) (mg-dL)	White Blood Cell Count (x10e3-uL)
1 Mean Median Std. Deviation	227.79 169.00 204.97	2.24 1.72 4.60	6.17 6.10 1.42	498.27 435.00 293.16	34.27 31.00 16.86	7.5773 7.3000 2.14875
2 Mean Median Std. Deviation	204.45 163.00 157.54	2.17 1.66 4.07	6.18 6.10 1.36	475.49 432.00 244.98	34.08 31.00 16.96	7.3220 7.0000 2.12782
3 Mean Median Std. Deviation	210.52 163.00 184.32	2.01 1.69 1.43	6.32 6.20 1.36	469.84 429.00 224.40	33.69 30.00 16.91	7.4239 7.1000 2.12236
4 Mean Median Std. Deviation	211.81 171.00 159.38	2.14 1.70 2.61	6.37 6.30 1.37	468.99 424.00 214.36	34.65 32.00 17.26	7.2665 6.9000 2.08487
5 Mean Median Std. Deviation	214.90 170.00 193.97	2.18 1.71 3.58	6.40 6.30 1.37	473.37 431.00 221.26	34.70 32.00 16.84	7.3487 7.0000 2.34641
6 Mean Median Std. Deviation	213.40 167.00 183.14	2.21 1.73 3.08	6.31 6.20 1.36	480.26 431.00 255.18	34.32 31.00 17.05	7.2174 6.9000 2.05305
7 Mean Median Std. Deviation	218.79 173.00 189.84	2.31 1.72 5.09	6.37 6.30 1.35	467.49 428.00 201.36	35.41 32.00 17.14	7.2451 6.9000 3.13498
8 Mean Median Std. Deviation	214.44 175.00 158.74	2.17 1.74 2.46	6.39 6.30 1.38	476.98 430.00 242.89	35.54 33.00 16.95	7.2307 6.9000 2.15060
9 Mean Median Std. Deviation	216.17 176.00 169.82	2.13 1.75 2.05	6.36 6.30 1.33	484.29 434.00 258.18	35.62 33.00 17.14	7.1924 6.9000 2.33300
10 Mean Median Std. Deviation	222.71 179.00 174.93	2.23 1.78 2.90	6.41 6.30 1.33	480.92 437.00 232.96	35.95 33.00 16.97	7.2096 6.9000 2.38990
Total Mean Median Std. Deviation	215.50 171.00 177.49	2.18 1.73 3.27	6.34 6.30 1.36	476.98 431.00 237.83	34.92 32.00 17.03	7.2863 6.9000 2.32800