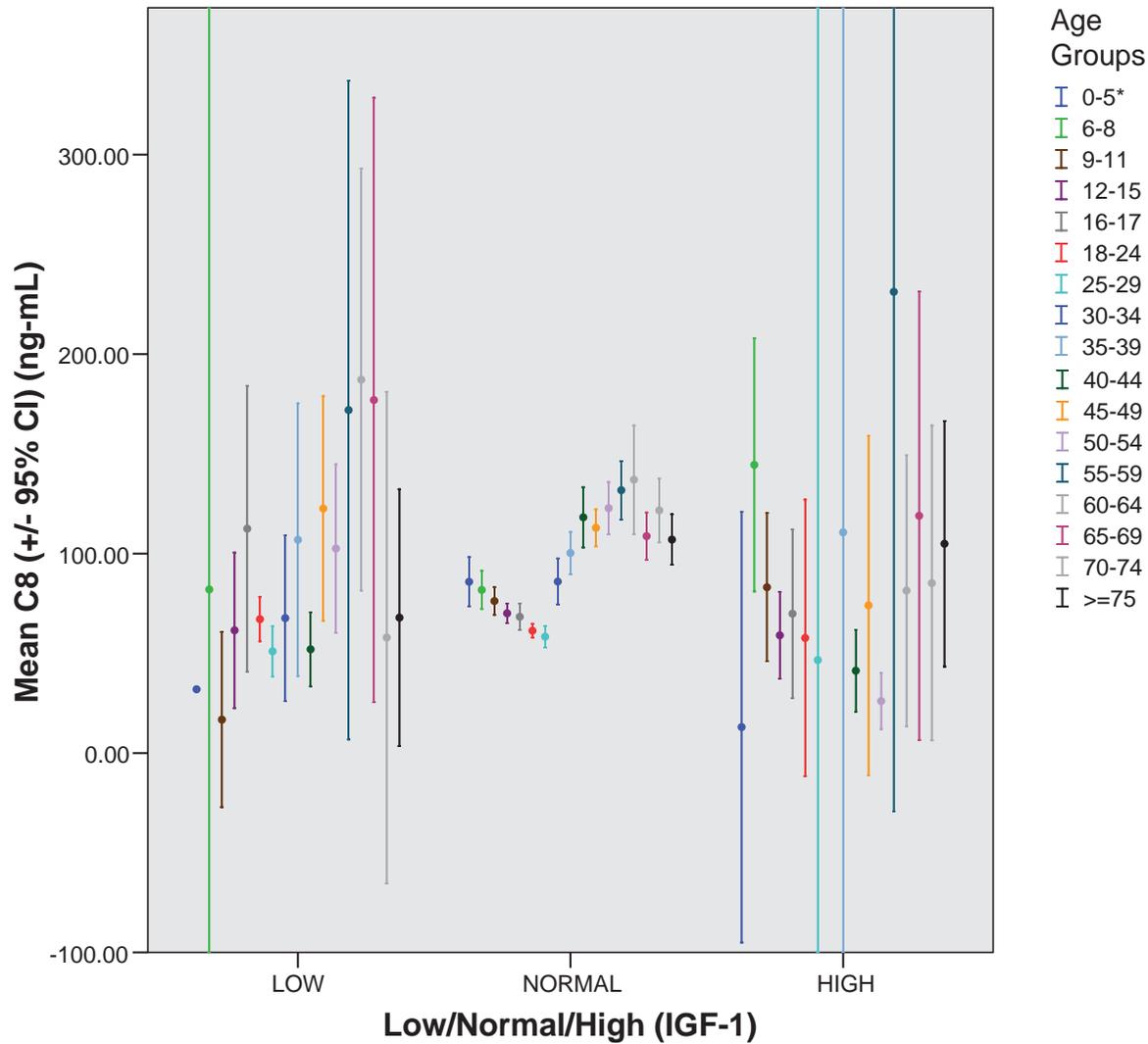# Serum C8 By Insulin-Like Growth Factor 1 (IGF-1) Levels In Males Stratified By Age-Group
C8 (ng-mL)

Age-Groups	Serum C8 (Mean) By IGF-1 Levels (Low/Normal/High) In Males Stratified By Age-Group							
	LOW		NORMAL		HIGH		Total	
	N	Mean	N	Mean	N	Mean	N	Mean
0-5*	1	31.9000	453	85.8715	2	13.0000	456	85.4336
6-8	2	82.0000	755	81.7619	31	144.4581	788	84.2289
9-11	2	16.7500	1097	76.1840	54	83.0852	1153	76.4041
12-15	21	61.5095	1831	70.0051	99	59.0091	1951	69.3557
16-17	21	112.4190	971	68.3058	24	69.8208	1016	69.2533
18-24	417	67.0707	2901	61.2917	6	57.6667	3324	62.0102
25-29	143	50.9178	2140	58.3051	2	46.5500	2285	57.8325
30-34	92	67.5761	2148	85.9316	1	1103.5000	2241	85.6321
35-39	81	106.8840	2453	100.2447	3	110.6000	2537	100.4690
40-44	75	51.9907	2670	118.0995	9	41.2444	2754	116.0480
45-49	97	122.5536	2766	112.8413	9	73.9444	2872	113.0475
50-54	82	102.5256	2609	122.7694	7	26.0286	2698	121.9031
55-59	59	171.8746	2326	131.7060	16	231.2406	2401	133.3563
60-64	34	187.1676	1848	136.9545	14	81.4286	1896	137.4449
65-69	11	176.9545	1531	108.7017	15	118.9133	1557	109.2823
70-74	4	57.8500	1013	121.6155	22	85.1818	1039	120.5986
>=75	6	67.8667	983	107.0220	23	104.8478	1012	106.7404
Total	1148	84.7472	30495	98.8287	337	90.5364	31980	98.2358

Serum C8 By Insulin-Like Growth Factor 1 (IGF-1) Levels In Males Stratified By Age-Group

Mean C8 (+/- 95% CI) (ng-mL)

300.00
200.00
100.00
0.00
-100.00

Low/Normal/High (IGF-1)

LOW   NORMAL   HIGH

Age Groups
I 0-5*
I 6-8
I 9-11
I 12-15
I 16-17
I 18-24
I 25-29
I 30-34
I 35-39
I 40-44
I 45-49
I 50-54
I 55-59
I 60-64
I 65-69
I 70-74
I >=75

[1] Note, very small sample size.

* 0-5 Age group begins at 2 months of age.

Due to small sample sizes of individual age groups within low or high IGF-1 level groups,
there may be much variation, and so unclear clinical or statistical significance of findings.

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Insulin-Like Growth Factor 1 (IGF-1) Levels By Age-Group

NORMAL REFERENCE INTERVALS:

AGE-GROUP	FEMALE	MALE
2 months-5 years	25-248 ng/mL	25-248 ng/mL
6-8 years	66-351 ng/mL	50-249 ng/mL
9-11 years	81-611 ng/mL	55-339 ng/mL
12-15 years	187-676 ng/mL	108-558 ng/mL
16-17 years	143-603 ng/mL	182-532 ng/mL
18-24 years	128-488 ng/mL	158-497 ng/mL
25-29 years	89-397 ng/mL	112-402 ng/mL
30-34 years	71-352 ng/mL	89-350 ng/mL
35-39 years	63-330 ng/mL	77-323 ng/mL
40-44 years	58-318 ng/mL	70-307 ng/mL
45-49 years	54-307 ng/mL	66-296 ng/mL
50-54 years	49-292 ng/mL	61-285 ng/mL
55-59 years	42-272 ng/mL	56-271 ng/mL
60-64 years	35-248 ng/mL	50-255 ng/mL
65-69 years	27-223 ng/mL	44-238 ng/mL
70-74 years	22-204 ng/mL	38-223 ng/mL
75 years and older	21-199 ng/mL	35-213 ng/mL

http://www.aruplab.com/guides/ug/tests/0070125.jsp

The WVU website is a communication vehicle to depict associations or their absence for public use. These tables and graphs show many comparisons between lab tests and corresponding population serum PFOA (C8) levels. When it appears that there is a clear relationship between serum C8 and a clinical laboratory value, the meaning of that relationship still requires thought and discussion. Some of the relationships, while real, are weak and not likely to be important. Several are strong, interesting and potentially important, and none of them can be taken to show an etiologic (cause and effect) relationship or its absence without more work. When it comes to causes, scientists interpret these preliminary data with deference to additional work that needs to be done.

These data concerning associations are for public use. They will receive additional collaborative work in peer review format. We hope they prompt public curiosity and suggestions of interested scientists.