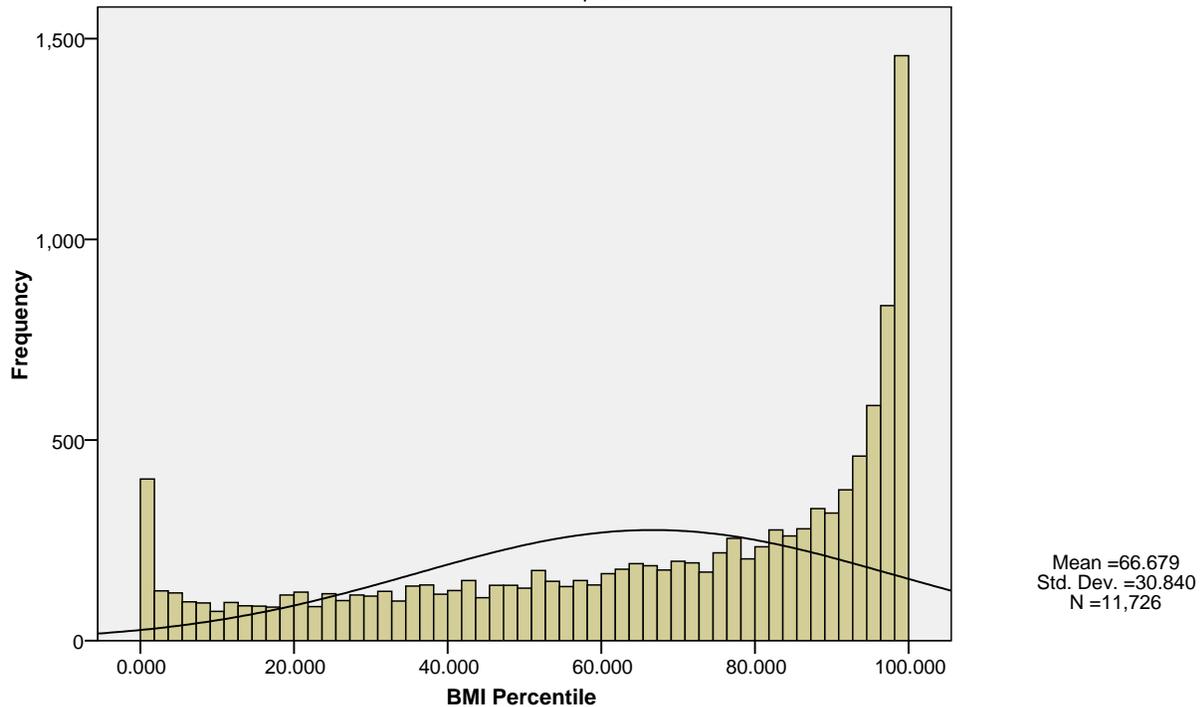


Body Mass Index and Overweight in Child Participants

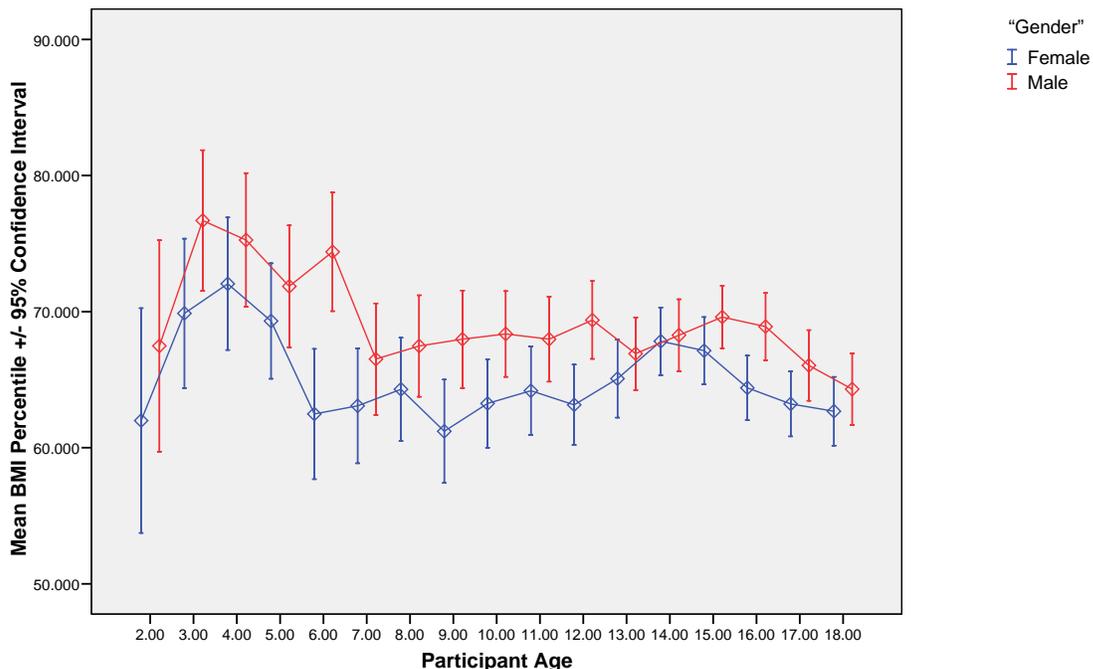
NOTE: BMI is calculated as: $\text{Weight (kg)} / (\text{Height (m)})^2$. Height and weight were self-reported by project participants. BMI percentiles were calculated in accordance with criteria published by the Centers for Disease Control and Prevention. Previous studies have shown that males tend to overestimate their height and females underestimate their weight. Therefore, BMI is likely to be underestimated for both males and females.

Distribution of BMI Percentile for Children (<19 Years of Age) Participating in The C8 Health Project

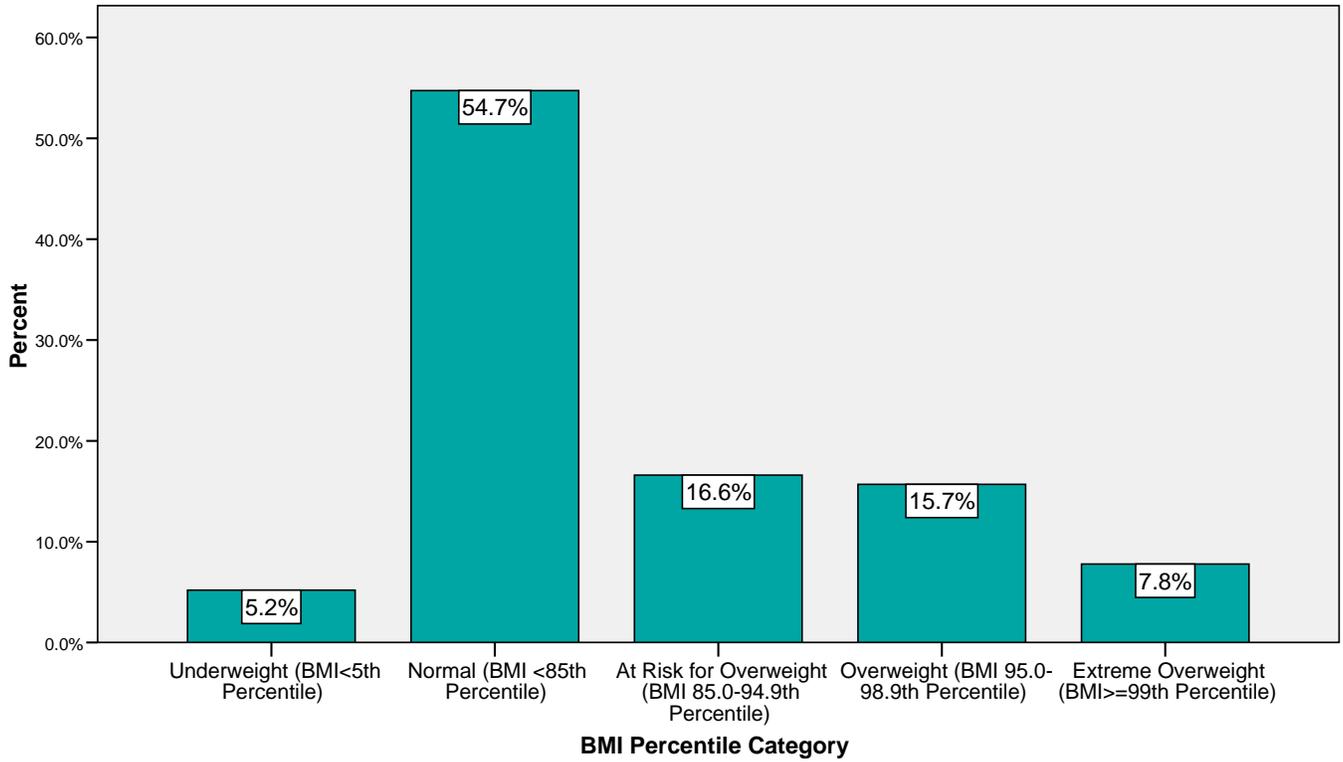
Note: By definition, the expected distribution is a normal curve with a mean at the 50th percentile, and only 5% of the population above the 95th percentile.



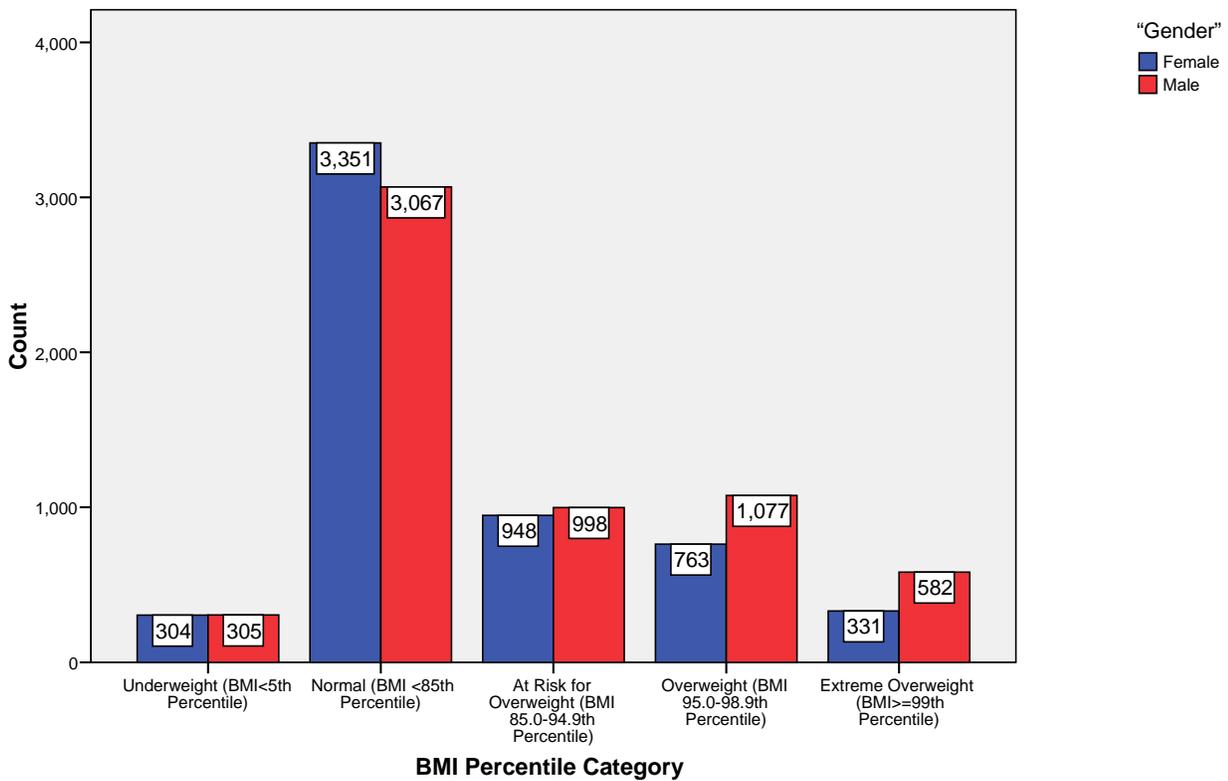
Mean BMI Percentile Stratified by Age and Gender



BMI Percentile Classification



BMI Percentile Category Stratified by Gender



BMI Percentile Category X Gender X Participant Age (Years) X Most Recent Residence (State)

State of Most Recent Residence	Participant Age (Years)	BMI Percentile Category		Gender		Total
				Female	Male	
Ohio	2.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	5	8	13
			Normal (BMI <85th Percentile)	17	16	33
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	5	3	8
			Overweight (BMI 95.0-98.9th Percentile)	4	6	10
			Extreme Overweight (BMI>=99th Percentile)	12	19	31
			Total	43	52	95
	3.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	8	5	13
			Normal (BMI <85th Percentile)	44	29	73
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	7	15	22
			Overweight (BMI 95.0-98.9th Percentile)	8	16	24
			Extreme Overweight (BMI>=99th Percentile)	30	29	59
			Total	97	94	191
	4.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	11	7	18
			Normal (BMI <85th Percentile)	44	35	79
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	10	8	18
			Overweight (BMI 95.0-98.9th Percentile)	24	15	39
			Extreme Overweight (BMI>=99th Percentile)	21	20	41
			Total	110	85	195
	5.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	13	13	26
			Normal (BMI <85th Percentile)	67	49	116
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	15	14	29
			Overweight (BMI 95.0-98.9th Percentile)	24	22	46
			Extreme Overweight (BMI>=99th Percentile)	21	37	58
			Total	140	135	275
6.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	16	12	28	
		Normal (BMI <85th Percentile)	47	43	90	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	16	24	40	
		Overweight (BMI 95.0-98.9th Percentile)	25	26	51	
		Extreme Overweight (BMI>=99th Percentile)	10	28	38	
		Total	114	133	247	
7.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	13	9	22	
		Normal (BMI <85th Percentile)	65	73	138	

State of Most Recent Residence	Participant Age (Years)		Gender		Total
			Female	Male	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	16	18	34
		Overweight (BMI 95.0-98.9th Percentile)	22	21	43
		Extreme Overweight (BMI>=99th Percentile)	10	17	27
		Total	126	138	264
	8.00	BMI Percentile Category			
		Underweight (BMI<5th Percentile)	15	15	30
		Normal (BMI <85th Percentile)	84	65	149
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	21	38	59
		Overweight (BMI 95.0-98.9th Percentile)	27	31	58
		Extreme Overweight (BMI>=99th Percentile)	9	20	29
		Total	156	169	325
	9.00	BMI Percentile Category			
		Underweight (BMI<5th Percentile)	18	12	30
		Normal (BMI <85th Percentile)	80	69	149
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	26	26	52
		Overweight (BMI 95.0-98.9th Percentile)	20	34	54
		Extreme Overweight (BMI>=99th Percentile)	8	15	23
		Total	152	156	308
	10.00	BMI Percentile Category			
		Underweight (BMI<5th Percentile)	12	7	19
		Normal (BMI <85th Percentile)	103	96	199
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	28	41	69
		Overweight (BMI 95.0-98.9th Percentile)	27	43	70
		Extreme Overweight (BMI>=99th Percentile)	4	14	18
		Total	174	201	375
	11.00	BMI Percentile Category			
		Underweight (BMI<5th Percentile)	8	11	19
		Normal (BMI <85th Percentile)	95	86	181
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	44	35	79
		Overweight (BMI 95.0-98.9th Percentile)	25	45	70
		Extreme Overweight (BMI>=99th Percentile)	5	11	16
		Total	177	188	365
	12.00	BMI Percentile Category			
		Underweight (BMI<5th Percentile)	9	11	20
		Normal (BMI <85th Percentile)	132	109	241
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	39	41	80
		Overweight (BMI 95.0-98.9th Percentile)	23	47	70

State of Most Recent Residence	Participant Age (Years)	Total BMI Percentile Category		Gender		Total
				Female	Male	
			Extreme Overweight (BMI>=99th Percentile)	4	16	20
	13.00	Total		207	224	431
		BMI Percentile Category	Underweight (BMI<5th Percentile)	5	8	13
			Normal (BMI <85th Percentile)	121	145	266
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	31	50	81
			Overweight (BMI 95.0-98.9th Percentile)	24	44	68
			Extreme Overweight (BMI>=99th Percentile)	5	9	14
	14.00	Total		186	256	442
		BMI Percentile Category	Underweight (BMI<5th Percentile)	9	8	17
			Normal (BMI <85th Percentile)	174	134	308
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	39	42	81
			Overweight (BMI 95.0-98.9th Percentile)	27	58	85
			Extreme Overweight (BMI>=99th Percentile)	12	12	24
	15.00	Total		261	254	515
		BMI Percentile Category	Underweight (BMI<5th Percentile)	3	2	5
			Normal (BMI <85th Percentile)	162	171	333
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	47	47	94
			Overweight (BMI 95.0-98.9th Percentile)	39	44	83
			Extreme Overweight (BMI>=99th Percentile)	3	22	25
	16.00	Total		254	286	540
		BMI Percentile Category	Underweight (BMI<5th Percentile)	5	7	12
			Normal (BMI <85th Percentile)	199	153	352
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	37	64	101
			Overweight (BMI 95.0-98.9th Percentile)	29	44	73
			Extreme Overweight (BMI>=99th Percentile)	6	18	24
	17.00	Total		276	286	562
		BMI Percentile Category	Underweight (BMI<5th Percentile)	5	7	12
			Normal (BMI <85th Percentile)	207	160	367
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	35	44	79
			Overweight (BMI 95.0-98.9th Percentile)	28	55	83
			Extreme Overweight (BMI>=99th Percentile)	7	25	32
	18.00	Total		282	291	573
		BMI Percentile Category	Underweight (BMI<5th Percentile)	5	14	19

State of Most Recent Residence		Participant Age (Years)		Gender		Total
				Female	Male	
West Virginia	2.00	Total BMI Percentile Category	Normal (BMI <85th Percentile)	182	174	356
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	43	51	94
			Overweight (BMI 95.0-98.9th Percentile)	45	54	99
			Extreme Overweight (BMI ≥99th Percentile)	6	17	23
			Total	281	310	591
	3.00	Total BMI Percentile Category	Underweight (BMI <5th Percentile)	6	9	15
			Normal (BMI <85th Percentile)	18	17	35
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	3	0	3
			Overweight (BMI 95.0-98.9th Percentile)	2	5	7
			Extreme Overweight (BMI ≥99th Percentile)	11	14	25
	4.00	Total BMI Percentile Category	Total	40	45	85
			Underweight (BMI <5th Percentile)	4	5	9
			Normal (BMI <85th Percentile)	22	21	43
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	9	3	12
			Overweight (BMI 95.0-98.9th Percentile)	4	5	9
	5.00	Total BMI Percentile Category	Extreme Overweight (BMI ≥99th Percentile)	15	15	30
			Total	54	49	103
			Underweight (BMI <5th Percentile)	5	8	13
			Normal (BMI <85th Percentile)	25	23	48
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	12	10	22
6.00	Total BMI Percentile Category	Overweight (BMI 95.0-98.9th Percentile)	9	14	23	
		Extreme Overweight (BMI ≥99th Percentile)	23	33	56	
		Total	74	88	162	
		Underweight (BMI <5th Percentile)	10	9	19	
		Normal (BMI <85th Percentile)	39	34	73	
6.00	Total BMI Percentile Category	At Risk for Overweight (BMI 85.0-94.9th Percentile)	12	4	16	
		Overweight (BMI 95.0-98.9th Percentile)	16	19	35	
		Extreme Overweight (BMI ≥99th Percentile)	16	24	40	
		Total	93	90	183	
6.00	Total BMI Percentile Category	Underweight (BMI <5th Percentile)	17	12	29	
		Normal (BMI <85th Percentile)	47	26	73	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	16	13	29	

State of Most Recent Residence		Participant Age (Years)		Gender		Total
				Female	Male	
			Overweight (BMI 95.0-98.9th Percentile)	14	16	30
			Extreme Overweight (BMI>=99th Percentile)	9	28	37
		Total		103	95	198
	7.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	13	10	23
			Normal (BMI <85th Percentile)	63	48	111
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	22	18	40
			Overweight (BMI 95.0-98.9th Percentile)	20	26	46
			Extreme Overweight (BMI>=99th Percentile)	14	16	30
		Total		132	118	250
	8.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	8	14	22
			Normal (BMI <85th Percentile)	63	66	129
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	29	26	55
			Overweight (BMI 95.0-98.9th Percentile)	24	28	52
			Extreme Overweight (BMI>=99th Percentile)	13	6	19
		Total		137	140	277
	9.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	18	16	34
			Normal (BMI <85th Percentile)	81	76	157
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	28	28	56
			Overweight (BMI 95.0-98.9th Percentile)	26	33	59
			Extreme Overweight (BMI>=99th Percentile)	5	16	21
		Total		158	169	327
	10.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	9	12	21
			Normal (BMI <85th Percentile)	98	99	197
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	37	30	67
			Overweight (BMI 95.0-98.9th Percentile)	16	34	50
			Extreme Overweight (BMI>=99th Percentile)	8	8	16
		Total		168	183	351
	11.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	11	13	24
			Normal (BMI <85th Percentile)	95	105	200
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	38	42	80
			Overweight (BMI 95.0-98.9th Percentile)	21	34	55
			Extreme Overweight (BMI>=99th Percentile)	4	10	14
		Total		169	204	373

State of Most Recent Residence	Participant Age (Years)	BMI Percentile Category	Gender		Total	
			Female	Male		
	12.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	11	8	19
			Normal (BMI <85th Percentile)	121	105	226
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	34	37	71
			Overweight (BMI 95.0-98.9th Percentile)	18	43	61
			Extreme Overweight (BMI>=99th Percentile)	7	9	16
		Total		191	202	393
	13.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	9	4	13
			Normal (BMI <85th Percentile)	117	136	253
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	38	37	75
			Overweight (BMI 95.0-98.9th Percentile)	25	42	67
			Extreme Overweight (BMI>=99th Percentile)	3	5	8
		Total		192	224	416
	14.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	4	9	13
			Normal (BMI <85th Percentile)	114	126	240
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	34	40	74
			Overweight (BMI 95.0-98.9th Percentile)	32	28	60
			Extreme Overweight (BMI>=99th Percentile)	4	11	15
		Total		188	214	402
	15.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	6	5	11
			Normal (BMI <85th Percentile)	129	144	273
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	39	34	73
			Overweight (BMI 95.0-98.9th Percentile)	28	40	68
			Extreme Overweight (BMI>=99th Percentile)	9	19	28
		Total		211	242	453
	16.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	2	3	5
			Normal (BMI <85th Percentile)	145	127	272
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	47	35	82
			Overweight (BMI 95.0-98.9th Percentile)	27	34	61
			Extreme Overweight (BMI>=99th Percentile)	6	12	18
		Total		227	211	438
	17.00	BMI Percentile Category	Underweight (BMI<5th Percentile)	5	4	9
			Normal (BMI <85th Percentile)	143	144	287

State of Most Recent Residence		Participant Age (Years)		Gender		Total
				Female	Male	
State Other Than OH or WV	18.00	Total BMI Percentile Category	At Risk for Overweight (BMI 85.0-94.9th Percentile)	38	32	70
			Overweight (BMI 95.0-98.9th Percentile)	31	30	61
			Extreme Overweight (BMI>=99th Percentile)	4	16	20
			Total	221	226	447
			Underweight (BMI<5th Percentile)	2	5	7
			Normal (BMI <85th Percentile)	152	130	282
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	37	36	73
			Overweight (BMI 95.0-98.9th Percentile)	22	27	49
			Extreme Overweight (BMI>=99th Percentile)	3	9	12
	Total	216	207	423		
	3.00	Total BMI Percentile Category	At Risk for Overweight (BMI 85.0-94.9th Percentile)	1		1
			Extreme Overweight (BMI>=99th Percentile)	2		2
			Total	3		3
	4.00	Total BMI Percentile Category	Underweight (BMI<5th Percentile)	1	0	1
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	2	0	2
			Overweight (BMI 95.0-98.9th Percentile)	0	1	1
	5.00	Total BMI Percentile Category	Normal (BMI <85th Percentile)	3	1	4
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	2	0	2
			Overweight (BMI 95.0-98.9th Percentile)	1	1	2
	6.00	Total BMI Percentile Category	Normal (BMI <85th Percentile)	0	2	2
			Overweight (BMI 95.0-98.9th Percentile)	3	3	6
			Extreme Overweight (BMI>=99th Percentile)	1	1	2
	7.00	Total BMI Percentile Category	Normal (BMI <85th Percentile)	1	1	2
			Overweight (BMI 95.0-98.9th Percentile)	1	1	2
Extreme Overweight (BMI>=99th Percentile)			1	0	1	
8.00	Total BMI Percentile Category	Underweight (BMI<5th Percentile)	3	2	5	
		Normal (BMI <85th Percentile)	0	1	1	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	2	3	5	
9.00	Total BMI Percentile Category	At Risk for Overweight (BMI 85.0-94.9th Percentile)	0	2	2	
		Overweight (BMI 95.0-98.9th Percentile)	0	1	1	
		Extreme Overweight (BMI>=99th Percentile)	0	1	1	
9.00	Total BMI Percentile Category	Normal (BMI <85th Percentile)	2	7	9	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	5	1	6	
		Overweight (BMI 95.0-98.9th Percentile)	0	2	2	
9.00	Total BMI Percentile Category	Normal (BMI <85th Percentile)	0	1	1	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)	5	4	9	
		Overweight (BMI 95.0-98.9th Percentile)	4	5	9	
9.00	Total BMI Percentile Category	At Risk for Overweight (BMI 85.0-94.9th Percentile)	1	1	2	
		Overweight (BMI 95.0-98.9th Percentile)	1	3	4	

State of Most Recent Residence		Participant Age (Years)		Gender		Total
				Female	Male	
			Extreme Overweight (BMI>=99th Percentile)	1	0	1
		Total		7	9	16
10.00	BMI Percentile Category		Normal (BMI <85th Percentile)	5	3	8
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	1	0	1
		Total		6	3	9
11.00	BMI Percentile Category		Underweight (BMI<5th Percentile)	0	1	1
			Normal (BMI <85th Percentile)	6	3	9
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	2	1	3
		Total		8	5	13
12.00	BMI Percentile Category		Underweight (BMI<5th Percentile)	3	0	3
			Normal (BMI <85th Percentile)	2	6	8
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	1	2	3
			Overweight (BMI 95.0-98.9th Percentile)	0	2	2
		Total		6	10	16
13.00	BMI Percentile Category		Underweight (BMI<5th Percentile)	0	1	1
			Normal (BMI <85th Percentile)	2	1	3
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	3	0	3
			Overweight (BMI 95.0-98.9th Percentile)	1	0	1
		Total		6	2	8
14.00	BMI Percentile Category		Normal (BMI <85th Percentile)	4	1	5
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	0	2	2
			Overweight (BMI 95.0-98.9th Percentile)	2	3	5
		Total		6	6	12
15.00	BMI Percentile Category		Normal (BMI <85th Percentile)	6	5	11
			Overweight (BMI 95.0-98.9th Percentile)	0	1	1
		Total		6	6	12
16.00	BMI Percentile Category		Normal (BMI <85th Percentile)	6	4	10
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	1	1	2
			Overweight (BMI 95.0-98.9th Percentile)	1	0	1
		Total		8	5	13
17.00	BMI Percentile Category		Normal (BMI <85th Percentile)	5		5
			At Risk for Overweight (BMI 85.0-94.9th Percentile)	2		2
			Overweight (BMI 95.0-98.9th Percentile)	1		1
		Total		8		8
18.00	BMI Percentile Category		Normal (BMI <85th Percentile)	6	0	6

State of Most Recent Residence	Participant Age (Years)	Gender		Total
		Female	Male	
		At Risk for Overweight (BMI 85.0-94.9th Percentile)		1
		Extreme Overweight (BMI>=99th Percentile)		1
	Total	7	1	8