

Norms for Achenbach's CBCL/6-18 form in Spanish Population

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Descriptives for the sample

Data pertain to 1,430 questionnaires of children attending to schools representative of high, mean and low socioeconomic levels ranging from 6 to 17 years-old.

The sample from Barcelona comes from 426 children pertaining to control groups of different studies of the Unitat d'Epidemiologia i de Diagnòstic en Psicopatologia del Desenvolupament (L. Ezpeleta), from the Universitat Autònoma de Barcelona in Barcelona.

The sample from Madrid comes from 498 children from studies of Dr. Miguel Angel Carrasco from the Facultat de Psicologia. Universidad Nacional de Educación a Distancia (UNED), Madrid.

The sample from Reus comes from 506 children pertaining to the EUROSALUD study (EUS2008-03584) made by Unitat de Pediatria, Nutrició i Desenvolupament Humà and Centre de Recerca en Avaluació i Mesura de la Conducta (Departament Psicologia, Dra. Canals) from the Universitat Rovira i Virgili (Tarragona).

The next Table contains the distribution of the sex and age by origin (city):

City	Sex		Age (years-old)											Total	
			6	7	8	9	10	11	12	13	14	15	16		17
Barcelona	Male	Count	30	52	36	37	10	5	12	33	6	3	2		226
		% age	46.2%	50.5%	57.1%	57.8%	58.8%	62.5%	52.2%	50.8%	75.0%	50.0%	50.0%		53.1%
	Female	Count	35	51	27	27	7	3	11	32	2	3	2		200
		% age	53.8%	49.5%	42.9%	42.2%	41.2%	37.5%	47.8%	49.2%	25.0%	50.0%	50.0%		46.9%
	Total	Count	65	103	63	64	17	8	23	65	8	6	4		426
	Madrid	Male	Count	7	25	24	38	9	11	29	44	25	21	5	7
% age			63.6%	56.8%	66.7%	59.4%	28.1%	52.4%	52.7%	47.3%	37.3%	52.5%	29.4%	38.9%	49.2%
Female		Count	4	19	12	26	23	10	26	49	42	19	12	11	253
		% age	36.4%	43.2%	33.3%	40.6%	71.9%	47.6%	47.3%	52.7%	62.7%	47.5%	70.6%	61.1%	50.8%
Total		Count	11	44	36	64	32	21	55	93	67	40	17	18	498
Reus		Male	Count	0	19	112	97	16							
	% age		0.0%	67.9%	49.1%	45.1%	47.1%								48.2%
	Female	Count	1	9	116	118	18								262
		% age	100.0%	32.1%	50.9%	54.9%	52.9%								51.8%
	Total	Count	1	28	228	215	34								506
	Total	Male	Count	37	96	172	172	35	16	41	77	31	24	7	7
% age			48.1%	54.9%	52.6%	50.1%	42.2%	55.2%	52.6%	48.7%	41.3%	52.2%	33.3%	38.9%	50.0%
Female		Count	40	79	155	171	48	13	37	81	44	22	14	11	715
		% age	51.9%	45.1%	47.4%	49.9%	57.8%	44.8%	47.4%	51.3%	58.7%	47.8%	66.7%	61.1%	50.0%
Total		Count	77	175	327	343	83	29	78	158	75	46	21	18	1430

This makes a total of:

Group of age 6-11: 1,034 questionnaires. Sex's distribution: 528 boys (51.1%); 506 girls (48.9%)

Group of age 12-17: 396 questionnaires. Sex's distribution: 187 boys (47.2%); 209 girls (52.8%)

BARCELONA SAMPLE

Informant:

Father: 23 (5.6%)

Mother: 206 (49.9%)

Both: 184 (44.6%)

Unknown: 13

For children and adolescents from Barcelona, the socio-economic status is distributed as follows:

			Age (years-old)										Total	
			6	7	8	9	10	11	12	13	14	15		16
Male	High	Count	6	15	11	0	0	0	1	0	0	0	2	35
		%	20.0%	29.4%	30.6%	.0%	.0%	.0%	8.3%	.0%	.0%	.0%	100.0%	15.6%
	Mean-High	Count	9	25	9	4	5	2	4	4	1	1	0	64
		%	30.0%	49.0%	25.0%	10.8%	50.0%	40.0%	33.3%	12.1%	16.7%	33.3%	.0%	28.4%
	Mean	Count	4	5	9	5	2	2	1	2	3	1	0	34
		%	13.3%	9.8%	25.0%	13.5%	20.0%	40.0%	8.3%	6.1%	50.0%	33.3%	.0%	15.1%
Female	High	Count	9	6	4	0	1	0	0	1	0	0	0	21
		%	25.7%	11.8%	14.8%	.0%	14.3%	.0%	.0%	3.1%	.0%	.0%	.0%	10.6%
	Mean-High	Count	15	29	10	2	2	1	3	4	1	2	0	69
		%	42.9%	56.9%	37.0%	7.4%	28.6%	33.3%	30.0%	12.5%	50.0%	66.7%	.0%	34.7%
	Mean	Count	6	10	7	3	1	0	5	2	0	1	0	35
		%	17.1%	19.6%	25.9%	11.1%	14.3%	.0%	50.0%	6.3%	.0%	33.3%	.0%	17.6%
Total	High	Count	15	21	15	0	1	0	1	1	0	0	2	56
		%	23.1%	20.6%	23.8%	.0%	5.9%	.0%	4.5%	1.5%	.0%	.0%	50.0%	13.2%
	Mean-High	Count	24	54	19	6	7	3	7	8	2	3	0	133
		%	36.9%	52.9%	30.2%	9.4%	41.2%	37.5%	31.8%	12.3%	25.0%	50.0%	.0%	31.4%
	Mean	Count	10	15	16	8	3	2	6	4	3	2	0	69
		%	15.4%	14.7%	25.4%	12.5%	17.6%	25.0%	27.3%	6.2%	37.5%	33.3%	.0%	16.3%
Total	Mean-Low	Count	15	9	11	35	4	1	4	23	2	0	0	104
		%	23.1%	8.8%	17.5%	54.7%	23.5%	12.5%	18.2%	35.4%	25.0%	.0%	.0%	24.5%
	Low	Count	1	3	2	15	2	2	4	29	1	1	2	62
		%	1.5%	2.9%	3.2%	23.4%	11.8%	25.0%	18.2%	44.6%	12.5%	16.7%	50.0%	14.6%
	Total	Count	65	102	63	64	17	8	22	65	8	6	4	424
		%												

Considering the groups of age 6-11 and 12-17, the socio-economic status is distributed as follows:

			Groups of age		Total
			6-11	12-17	
Male	High	Count	32	3	35
		%	18.9%	5.4%	15.6%
	Mean-High	Count	54	10	64
		%	32.0%	17.9%	28.4%
	Mean	Count	27	7	34
		%	16.0%	12.5%	15.1%
Mean-Low	Count	40	13	53	
	%	23.7%	23.2%	23.6%	
Low	Count	16	23	39	
	%	9.5%	41.1%	17.3%	
Total		Count	169	56	225
Female	High	Count	20	1	21
		%	13.3%	2.0%	10.6%
	Mean-High	Count	59	10	69
		%	39.3%	20.4%	34.7%
	Mean	Count	27	8	35
		%	18.0%	16.3%	17.6%
Mean-Low	Count	35	16	51	
	%	23.3%	32.7%	25.6%	
Low	Count	9	14	23	
	%	6.0%	28.6%	11.6%	
Total		Count	150	49	199
Total	High	Count	52	4	56
		%	16.3%	3.8%	13.2%
	Mean-High	Count	113	20	133
		%	35.4%	19.0%	31.4%
	Mean	Count	54	15	69
		%	16.9%	14.3%	16.3%
Mean-Low	Count	75	29	104	
	%	23.5%	27.6%	24.5%	
Low	Count	25	37	62	
	%	7.8%	35.2%	14.6%	
Total		Count	319	105	424

MADRID SAMPLE

The variables SES5, RESPON and CBC114 are not available. This matrix does not contain missing data because value 0 was assigned to missing data.

REUS SAMPLE

The variables SES5 and CBC114 are not available. This sample includes the parents' occupation based on the Catalanian Occupations Classification of the Statistic Institute of Catalonia (CCO-94 (ca), Decret 98/1995). The distribution for parents is:

	Father		Mother	
	Count	Percentage	Count	Percentage
Directives of public administrations and companies with ten or more employees	7	1.5%	4	0.8%
Managers of companies with fewer than ten employees	10	2.2%	5	1.0%
Managing businesses with no employees	10	2.2%	3	0.6%
Professors of second-third grade of university, and similar	41	9.1%	32	6.7%
Professors of first-grade of university, and similar	32	7.1%	69	14.4%
Technical and support staff	34	7.5%	32	6.7%
Administrative employees	37	8.2%	97	20.3%
Workers of catering and personal services	19	4.2%	33	6.9%
Workers of protection services and safety	12	2.7%	2	0.4%
Shop assistants and similar	22	4.9%	44	9.2%
Skilled workers in agriculture and fishing	3	0.7%	1	0.2%
Skilled construction equipment operators	40	8.8%	0	0%
Skilled mining industry, the metal-furnaces, machinery construction and similar	18	4.0%	0	0%
Skilled graphic arts industries, textiles, food processing, craftsmen and similar	16	3.5%	4	0.8%
Operators industrial facilities and machinery fixed assemblers	31	6.9%	12	2.5%
Drivers and mobile machinery operators	8	1.8%	0	0%
Unskilled services except transportation	30	6.6%	84	17.6%
Agricultural laborers, fishing, construction, manufacturing and transportation industries	60	13.3%	2	0.4%
Soldier	0	0%	0	0%
No job (unemployed)	22	4.9	54	11.3

Distribution of raw scores for syndrome and DSM-5 scale scores: mean and standard deviation

	Males			Females			Total sample		
	Age: 6-11 (n=528)	Age: 12-17 (n=187)	Age: 6-17 (n=715)	Age: 6-11 (n=506)	Age: 12-17 (n=209)	Age: 6-17 (n=715)	Age: 6-11 (n=1.034)	Age: 12-17 (n=396)	TOTAL (N=1.430)
<i>Mean (SD)</i>									
Anxiety-depression	3.72 (3.23)	4.24 (3.90)	3.86 (3.42)	3.50 (3.22)	5.39 (4.00)	4.06 (3.57)	3.61 (3.22)	4.85 (3.99)	3.96 (3.50)
Withdrawn-depression	1.68 (1.88)	2.17 (2.12)	1.81 (1.96)	1.50 (1.79)	2.45 (2.15)	1.78 (1.95)	1.59 (1.84)	2.32 (2.14)	1.80 (1.95)
Somatic complaints	1.85 (2.37)	2.08 (2.36)	1.87 (2.37)	1.91 (2.26)	2.83 (3.27)	2.00 (2.39)	1.88 (2.32)	2.42 (2.82)	1.93 (2.38)
Social problems	2.47 (2.49)	2.87 (3.08)	2.58 (2.66)	2.45 (2.40)	3.16 (2.68)	2.66 (2.50)	2.46 (2.44)	3.02 (2.88)	2.62 (2.58)
Thought problems	1.90 (2.29)	2.83 (3.33)	2.14 (2.63)	1.42 (1.82)	2.77 (2.74)	1.83 (2.22)	1.67 (2.08)	2.80 (3.02)	1.99 (2.44)
Attention problems	4.74 (3.86)	5.00 (3.78)	4.81 (3.84)	3.68 (3.35)	4.38 (3.27)	3.89 (3.34)	4.22 (3.65)	4.67 (3.53)	4.35 (3.62)
Rule-breaking norms	2.09 (2.47)	3.64 (3.98)	2.50 (3.02)	1.61 (1.98)	3.28 (2.85)	2.11 (2.40)	1.85 (2.25)	3.45 (3.42)	2.30 (2.73)
Aggressive behavior	6.02 (5.22)	6.98 (6.01)	6.27 (5.45)	5.05 (4.31)	7.06 (5.78)	5.65 (4.88)	5.54 (4.82)	7.02 (5.88)	5.96 (5.18)
Internalizing	7.18 (6.01)	8.02 (8.08)	7.28 (6.27)	6.84 (5.80)	8.82 (8.21)	7.04 (6.11)	7.02 (5.91)	8.39 (8.12)	7.16 (6.19)
Externalizing	8.10 (7.05)	10.6 (9.26)	8.76 (7.77)	6.66 (5.70)	10.3 (8.07)	7.76 (6.70)	7.39 (6.46)	10.5 (8.63)	8.26 (7.27)
Total	28.8 (20.4)	35.3 (26.8)	30.5 (22.4)	25.5 (17.7)	37.1 (23.6)	28.9 (20.4)	27.2 (19.2)	36.2 (25.2)	29.7 (21.4)
Affective problems	2.23 (2.45)	2.56 (3.09)	2.32 (2.64)	2.12 (2.35)	3.09 (2.90)	2.41 (2.56)	2.18 (2.40)	2.84 (3.00)	2.36 (2.60)
Anxiety problems	3.39 (2.81)	3.57 (2.90)	3.44 (2.83)	3.01 (2.69)	4.61 (3.24)	3.48 (2.95)	3.20 (2.75)	4.12 (3.12)	3.46 (2.89)
Somatic problems	1.01 (1.59)	1.62 (2.33)	1.08 (1.70)	1.16 (1.62)	1.96 (2.57)	1.24 (1.75)	1.09 (1.61)	1.78 (2.44)	1.16 (1.73)
ADHD problems	4.16 (3.12)	3.66 (2.68)	4.03 (3.01)	3.35 (2.91)	3.33 (2.56)	3.35 (2.81)	3.77 (3.04)	3.48 (2.62)	3.69 (2.93)
ODD problems	2.80 (2.24)	3.12 (2.41)	2.89 (2.29)	2.49 (2.00)	3.02 (2.27)	2.65 (2.09)	2.65 (2.13)	3.07 (2.34)	2.77 (2.20)
Conduct problems	2.07 (2.77)	2.83 (4.12)	2.27 (3.20)	1.43 (2.06)	2.33 (2.88)	1.70 (2.37)	1.76 (2.47)	2.57 (3.53)	1.99 (2.83)

Percentiles and T-scores for syndrome scale scores

Raw score	Anxiety-depressed; 13 items, range 0 to 26								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
	Percentil	T	Percentil	T	Percentil	T	Percentil	T	
0	11	38	13	39	13	39	9	37	0
1	21	42	21	42	21	42	13	39	1
2	31	45	27	44	31	45	21	42	2
3	42	48	38	47	42	48	27	44	3
4	53	51	46	49	57	52	38	47	4
5	65	54	57	52	69	55	46	49	5
6	76	57	69	55	79	58	57	52	6
7	84	60	76	57	86	61	65	54	7
8	90	63	84	60	92	64	76	57	8
9	94	66	88	62	94	67	81	59	9
10	97	69	93	65	97	70	88	62	10
11	99	73	94	67	99	73	92	64	11
12	99	76	97	70	99	76	94	67	12
13	99	79	98	72	99	80	97	69	13
14	99	82	99	75	99	83	98	72	14
15	99	85	99	78	99	86	99	74	15
16	99	88	99	80	99	89	99	77	16
17	99	91	99	83	99	92	99	79	17
18	99	94	99	85	99	95	99	82	18
19	99	97	99	88	99	98	99	84	19
20	99	100	99	90	99	100	99	87	20
21	99	100	99	93	99	100	99	89	21
22	99	100	99	96	99	100	99	92	22
23	99	100	99	98	99	100	99	94	23
24	99	100	99	100	99	100	99	97	24
25	99	100	99	100	99	100	99	99	25
26	99	100	99	100	99	100	99	100	26

Raw score	Withdrawn-depressed; 8 items, range 0 to 16								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	18	41	16	40	21	42	13	39	0
1	34	46	27	44	38	47	24	43	1
2	57	52	46	49	61	53	42	48	2
3	76	57	65	54	79	58	61	53	3
4	88	62	81	59	92	64	76	57	4
5	96	68	90	63	97	70	88	62	5
6	99	73	96	68	99	75	94	66	6
7	99	78	99	73	99	81	98	71	7
8	99	84	99	77	99	86	99	76	8
9	99	89	99	82	99	92	99	80	9
10	99	94	99	87	99	98	99	85	10
11	99	99	99	92	99	100	99	90	11
12	99	100	99	96	99	100	99	94	12
13	99	100	99	100	99	100	99	99	13
14	99	100	99	100	99	100	99	100	14
15	99	100	99	100	99	100	99	100	15
16	99	100	99	100	99	100	99	100	16

Raw score	Somatic complaints; 11 items, range 0 to 22								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
	Percentil	T	Percentil	T	Percentil	T	Percentil	T	
0	21	42	18	41	21	42	18	41	0
1	34	46	31	45	34	46	27	44	1
2	53	51	50	50	50	50	38	47	2
3	69	55	65	54	69	55	53	51	3
4	81	59	79	58	81	59	65	54	4
5	90	63	88	62	92	64	76	57	5
6	94	67	94	67	96	68	84	60	6
7	98	72	98	71	99	73	90	63	7
8	99	76	99	75	99	77	94	66	8
9	99	80	99	79	99	81	97	69	9
10	99	84	99	84	99	86	98	72	10
11	99	89	99	88	99	90	99	75	11
12	99	93	99	92	99	95	99	78	12
13	99	97	99	96	99	99	99	81	13
14	99	100	99	100	99	100	99	84	14
15	99	100	99	100	99	100	99	87	15
16	99	100	99	100	99	100	99	90	16
17	99	100	99	100	99	100	99	93	17
18	99	100	99	100	99	100	99	96	18
19	99	100	99	100	99	100	99	99	19
20	99	100	99	100	99	100	99	100	20
21	99	100	99	100	99	100	99	100	21
22	99	100	99	100	99	100	99	100	22

Raw score	Social problems; 11 items, range 0 to 22								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	16	40	18	41	16	40	11	38	0
1	27	44	27	44	27	44	21	42	1
2	42	48	38	47	42	48	34	46	2
3	57	52	50	50	57	52	46	49	3
4	72	56	65	54	72	56	61	53	4
5	84	60	76	57	86	61	76	57	5
6	92	64	84	60	93	65	86	61	6
7	96	68	90	63	97	69	92	64	7
8	98	72	94	67	99	73	96	68	8
9	99	76	97	70	99	77	98	72	9
10	99	80	99	73	99	82	99	76	10
11	99	84	99	76	99	86	99	79	11
12	99	88	99	80	99	90	99	83	12
13	99	92	99	83	99	94	99	87	13
14	99	96	99	86	99	98	99	90	14
15	99	100	99	89	99	100	99	94	15
16	99	100	99	93	99	100	99	98	16
17	99	100	99	96	99	100	99	100	17
18	99	100	99	99	99	100	99	100	18
19	99	100	99	100	99	100	99	100	19
20	99	100	99	100	99	100	99	100	20
21	99	100	99	100	99	100	99	100	21
22	99	100	99	100	99	100	99	100	22

Raw score	Thought problems; 15 items, range 0 to 30								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	21	42	18	41	21	42	16	40	0
1	34	46	27	44	42	48	27	44	1
2	50	50	42	48	61	53	38	47	2
3	69	55	53	51	81	59	53	51	3
4	81	59	65	54	92	64	65	54	4
5	92	64	76	57	97	70	79	58	5
6	96	68	84	60	99	75	88	62	6
7	98	72	90	63	99	81	93	65	7
8	99	77	94	66	99	86	97	69	8
9	99	81	97	69	99	92	99	73	9
10	99	85	98	72	99	97	99	76	10
11	99	90	99	75	99	100	99	80	11
12	99	94	99	78	99	100	99	84	12
13	99	99	99	81	99	100	99	87	13
14	99	100	99	84	99	100	99	91	14
15	99	100	99	87	99	100	99	95	15
16	99	100	99	90	99	100	99	98	16
17	99	100	99	93	99	100	99	100	17
18	99	100	99	96	99	100	99	100	18
19	99	100	99	99	99	100	99	100	19
20	99	100	99	100	99	100	99	100	20
21	99	100	99	100	99	100	99	100	21
22	99	100	99	100	99	100	99	100	22
23	99	100	99	100	99	100	99	100	23
24	99	100	99	100	99	100	99	100	24
25	99	100	99	100	99	100	99	100	25
26	99	100	99	100	99	100	99	100	26
27	99	100	99	100	99	100	99	100	27
28	99	100	99	100	99	100	99	100	28
29	99	100	99	100	99	100	99	100	29
30	99	100	99	100	99	100	99	100	30

Raw score	Attention problems; 10 items, range 0 to 20								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	11	38	9	37	13	39	9	37	0
1	16	40	13	39	21	42	16	40	1
2	24	43	21	42	31	45	24	43	2
3	31	45	31	45	42	48	34	46	3
4	42	48	38	47	53	51	46	49	4
5	53	51	50	50	65	54	57	52	5
6	61	53	61	53	76	57	69	55	6
7	72	56	69	55	84	60	79	58	7
8	79	58	79	58	90	63	86	61	8
9	86	61	86	61	94	66	92	64	9
10	92	64	90	63	97	69	94	67	10
11	94	66	94	66	98	72	97	70	11
12	97	69	96	68	99	75	99	73	12
13	98	71	98	71	99	78	99	76	13
14	99	74	99	74	99	81	99	79	14
15	99	77	99	76	99	84	99	83	15
16	99	79	99	79	99	87	99	86	16
17	99	82	99	82	99	90	99	89	17
18	99	84	99	84	99	93	99	92	18
19	99	87	99	87	99	96	99	95	19
20	99	90	99	90	99	99	99	98	20

Raw score	Rule-breaking norms; 17 items, range 0 to 34								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	21	42	18	41	21	42	11	38	0
1	34	46	24	43	38	47	21	42	1
2	50	50	34	46	57	52	34	46	2
3	65	54	42	48	76	57	46	49	3
4	79	58	53	51	88	62	61	53	4
5	88	62	61	53	94	67	72	56	5
6	94	66	72	56	98	72	84	60	6
7	97	70	79	58	99	77	90	63	7
8	99	74	86	61	99	82	94	67	8
9	99	78	90	63	99	87	97	70	9
10	99	82	94	66	99	92	99	74	10
11	99	86	97	69	99	98	99	77	11
12	99	90	98	71	99	100	99	81	12
13	99	94	99	74	99	100	99	84	13
14	99	98	99	76	99	100	99	88	14
15	99	100	99	79	99	100	99	91	15
16	99	100	99	81	99	100	99	95	16
17	99	100	99	84	99	100	99	98	17
18	99	100	99	86	99	100	99	100	18
19	99	100	99	89	99	100	99	100	19
20	99	100	99	91	99	100	99	100	20
21	99	100	99	94	99	100	99	100	21
22	99	100	99	96	99	100	99	100	22
23	99	100	99	99	99	100	99	100	23
24	99	100	99	100	99	100	99	100	24
25	99	100	99	100	99	100	99	100	25
26	99	100	99	100	99	100	99	100	26
27	99	100	99	100	99	100	99	100	27
28	99	100	99	100	99	100	99	100	28
29	99	100	99	100	99	100	99	100	29
30	99	100	99	100	99	100	99	100	30
31	99	100	99	100	99	100	99	100	31
32	99	100	99	100	99	100	99	100	32
33	99	100	99	100	99	100	99	100	33
34	99	100	99	100	99	100	99	100	34

Raw score	Aggressive behaviour; 18 items, range 0 to 36								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	11	38	11	38	11	38	11	38	0
1	16	40	16	40	18	41	16	40	1
2	21	42	21	42	24	43	18	41	2
3	27	44	24	43	31	45	24	43	3
4	34	46	31	45	42	48	31	45	4
5	42	48	38	47	50	50	34	46	5
6	50	50	42	48	57	52	42	48	6
7	57	52	50	50	69	55	50	50	7
8	65	54	57	52	76	57	57	52	8
9	72	56	61	53	81	59	61	53	9
10	79	58	69	55	86	61	69	55	10
11	84	60	76	57	92	64	76	57	11
12	86	61	79	58	94	66	81	59	12
13	90	63	84	60	96	68	84	60	13
14	93	65	88	62	98	71	88	62	14
15	94	67	90	63	99	73	92	64	15
16	97	69	93	65	99	75	93	65	16
17	98	71	94	67	99	78	94	67	17
18	99	73	96	68	99	80	97	69	18
19	99	75	97	70	99	82	98	71	19
20	99	77	98	72	99	85	98	72	20
21	99	79	99	73	99	87	99	74	21
22	99	81	99	75	99	89	99	76	22
23	99	83	99	77	99	92	99	78	23
24	99	84	99	78	99	94	99	79	24
25	99	86	99	80	99	96	99	81	25
26	99	88	99	82	99	99	99	83	26
27	99	90	99	83	99	100	99	84	27
28	99	92	99	85	99	100	99	86	28
29	99	94	99	87	99	100	99	88	29
30	99	96	99	88	99	100	99	90	30
31	99	98	99	90	99	100	99	91	31
32	99	100	99	92	99	100	99	93	32
33	99	100	99	93	99	100	99	95	33
34	99	100	99	95	99	100	99	97	34
35	99	100	99	97	99	100	99	98	35
36	99	100	99	98	99	100	99	100	36

Raw score	Internalizing; 32 items, range 0 to 64								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	11	38	16	40	11	38	13	39	0
1	16	40	18	41	16	40	16	40	1
2	18	41	24	43	21	42	21	42	2
3	24	43	27	44	24	43	24	43	3
4	31	45	31	45	31	45	27	44	4
5	34	46	34	46	38	47	31	45	5
6	42	48	42	48	46	49	38	47	6
7	50	50	46	49	50	50	42	48	7
8	53	51	50	50	57	52	46	49	8
9	61	53	53	51	65	54	50	50	9
10	69	55	57	52	69	55	53	51	10
11	72	56	65	54	76	57	61	53	11
12	79	58	69	55	81	59	65	54	12
13	84	60	72	56	86	61	69	55	13
14	86	61	76	57	88	62	72	56	14
15	90	63	81	59	92	64	79	58	15
16	93	65	84	60	94	66	81	59	16
17	94	66	86	61	96	68	84	60	17
18	96	68	88	62	97	69	86	61	18
19	97	70	92	64	98	71	88	62	19
20	98	71	93	65	99	73	92	64	20
21	99	73	94	66	99	74	93	65	21
22	99	75	94	67	99	76	94	66	22
23	99	76	97	69	99	78	94	67	23
24	99	78	97	70	99	80	96	68	24
25	99	80	98	71	99	81	97	70	25
26	99	81	98	72	99	83	98	71	26
27	99	83	99	73	99	85	98	72	27
28	99	85	99	75	99	86	99	73	28
29	99	86	99	76	99	88	99	75	29
30	99	88	99	77	99	90	99	76	30
31	99	90	99	78	99	92	99	77	31
32	99	91	99	80	99	93	99	78	32
33	99	93	99	81	99	95	99	79	33
34	99	95	99	82	99	97	99	81	34
35	99	96	99	83	99	99	99	82	35
36	99	98	99	85	99	100	99	83	36
37	99	100	99	86	99	100	99	84	37
38	99	100	99	87	99	100	99	86	38
39	99	100	99	88	99	100	99	87	39
40	99	100	99	90	99	100	99	88	40
41	99	100	99	91	99	100	99	89	41
42	99	100	99	92	99	100	99	90	42
43	99	100	99	93	99	100	99	92	43
44	99	100	99	95	99	100	99	93	44
45	99	100	99	96	99	100	99	94	45
46	99	100	99	97	99	100	99	95	46
47	99	100	99	98	99	100	99	97	47
48	99	100	99	99	99	100	99	98	48
49	99	100	99	100	99	100	99	99	49
50-64	99	100	99	100	99	100	99	100	50-64

Raw score	Externalizing; 35 items, range 0 to 70								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	13	39	13	39	11	38	9	37	0
1	16	40	16	40	16	40	11	38	1
2	18	41	18	41	21	42	16	40	2
3	24	43	21	42	27	44	18	41	3
4	27	44	24	43	31	45	21	42	4
5	34	46	27	44	38	47	24	43	5
6	38	47	31	45	46	49	31	45	6
7	42	48	34	46	53	51	34	46	7
8	50	50	38	47	57	52	38	47	8
9	53	51	42	48	65	54	42	48	9
10	61	53	46	49	72	56	50	50	10
11	65	54	50	50	79	58	53	51	11
12	72	56	53	51	81	59	57	52	12
13	76	57	61	53	86	61	61	53	13
14	79	58	65	54	90	63	69	55	14
15	84	60	69	55	93	65	72	56	15
16	86	61	72	56	94	66	76	57	16
17	90	63	76	57	96	68	79	58	17
18	92	64	79	58	97	70	81	59	18
19	93	65	81	59	98	72	86	61	19
20	94	67	84	60	99	73	88	62	20
21	96	68	86	61	99	75	90	63	21
22	97	70	88	62	99	77	92	64	22
23	98	71	90	63	99	79	94	66	23
24	99	73	92	64	99	80	94	67	24
25	99	74	94	66	99	82	96	68	25
26	99	75	94	67	99	84	97	69	26
27	99	77	96	68	99	86	98	71	27
28	99	78	97	69	99	87	98	72	28
29	99	80	97	70	99	89	99	73	29
30	99	81	98	71	99	91	99	74	30
31	99	82	98	72	99	93	99	76	31
32	99	84	99	73	99	94	99	77	32
33	99	85	99	74	99	96	99	78	33
34	99	87	99	75	99	98	99	79	34
35	99	88	99	76	99	100	99	81	35
36	99	90	99	77	99	100	99	82	36
37	99	91	99	79	99	100	99	83	37
38	99	92	99	80	99	100	99	84	38
39	99	94	99	81	99	100	99	86	39
40	99	95	99	82	99	100	99	87	40
41	99	97	99	83	99	100	99	88	41
42	99	98	99	84	99	100	99	89	42
43	99	100	99	85	99	100	99	90	43
44	99	100	99	86	99	100	99	92	44
45	99	100	99	87	99	100	99	93	45
46	99	100	99	88	99	100	99	94	46
47	99	100	99	89	99	100	99	95	47
48	99	100	99	90	99	100	99	97	48
49	99	100	99	91	99	100	99	98	49
50	99	100	99	93	99	100	99	99	50
51	99	100	99	94	99	100	99	100	51
52	99	100	99	95	99	100	99	100	52
53	99	100	99	96	99	100	99	100	53
54	99	100	99	97	99	100	99	100	54
55	99	100	99	98	99	100	99	100	55
56	99	100	99	99	99	100	99	100	56
57-70	99	100	99	100	99	100	99	100	57-70

Raw score	Total; 120 items, range 0 to 240								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
	Percentil	T	Percentil	T	Percentil	T	Percentil	T	
0	8	36	9	37	8	36	5	34	0
1	8	36	9	37	8	36	7	35	1
2	9	37	11	38	9	37	7	35	2
3	9	37	11	38	9	37	8	36	3
4	11	38	11	38	11	38	8	36	4
5	11	38	13	39	11	38	8	36	5
6	13	39	13	39	13	39	9	37	6
7	13	39	13	39	16	40	9	37	7
8	16	40	16	40	16	40	11	38	8
9	16	40	16	40	18	41	11	38	9
10	18	41	18	41	18	41	13	39	10
11	18	41	18	41	21	42	13	39	11
12	21	42	18	41	21	42	13	39	12
13	21	42	21	42	24	43	16	40	13
14	24	43	21	42	27	44	16	40	14
15	24	43	21	42	27	44	18	41	15
16	27	44	24	43	31	45	18	41	16
17	27	44	24	43	31	45	21	42	17
18-19	31	45	27	44	34	46	21	42	18-19
20	34	46	27	44	38	47	24	43	20
21	34	46	31	45	38	47	24	43	21
22	38	47	31	45	42	48	27	44	22
23	38	47	31	45	46	49	27	44	23
24	42	48	34	46	46	49	27	44	24
25	42	48	34	46	50	50	31	45	25
26	46	49	38	47	50	50	31	45	26
27	46	49	38	47	53	51	34	46	27
28	50	50	38	47	53	51	34	46	28
29	50	50	42	48	57	52	38	47	29
30-31	53	51	42	48	61	53	38	47	30-31
32-33	57	52	46	49	65	54	42	48	32-33
34-35	61	53	50	50	69	55	46	49	34-35
36	65	54	50	50	72	56	50	50	36
37	65	54	53	51	72	56	50	50	37
38	69	55	53	51	76	57	50	50	38
39	69	55	53	51	79	58	53	51	39
40	72	56	57	52	79	58	53	51	40
41	72	56	57	52	81	59	57	52	41
42	76	57	57	52	81	59	57	52	42
43-44	76	57	61	53	84	60	61	53	43-44
45	79	58	65	54	86	61	61	53	45
46	79	58	65	54	88	62	65	54	46
47	81	59	65	54	88	62	65	54	47
48	81	59	69	55	90	63	69	55	48
49	84	60	69	55	90	63	69	55	49
50	84	60	69	55	92	64	69	55	50
51	86	61	72	56	92	64	72	56	51
52	86	61	72	56	93	65	72	56	52
53	88	62	76	57	93	65	76	57	53
54	88	62	76	57	94	66	76	57	54
55	90	63	76	57	94	67	79	58	55
56	90	63	79	58	94	67	79	58	56
57	92	64	79	58	96	68	79	58	57
58	92	64	79	58	96	68	81	59	58
59	93	65	81	59	97	69	81	59	59
60	93	65	81	59	97	69	84	60	60
61	94	66	84	60	97	70	84	60	61
62	94	66	84	60	98	71	86	61	62
63	94	67	84	60	98	71	86	61	63
64	94	67	86	61	98	72	86	61	64
65	96	68	86	61	98	72	88	62	65
66	96	68	86	61	99	73	88	62	66
67	97	69	88	62	99	73	90	63	67
68	97	69	88	62	99	74	90	63	68
69	97	70	90	63	99	74	92	64	69
70	97	70	90	63	99	75	92	64	70
71	98	71	90	63	99	76	92	64	71
72	98	71	92	64	99	76	93	65	72
73	98	72	92	64	99	77	93	65	73

Continue...

Raw score	Totals (contin.); 120 items, range 0 to 240								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
74	98	72	92	64	99	77	94	66	74
75	99	73	93	65	99	78	94	66	75
76	99	73	93	65	99	78	94	66	76
77	99	74	94	66	99	79	94	67	77
78	99	74	94	66	99	80	94	67	78
79	99	75	94	66	99	80	96	68	79
80	99	75	94	67	99	81	96	68	80
81	99	76	94	67	99	81	97	69	81
82	99	76	94	67	99	82	97	69	82
83	99	77	96	68	99	82	97	69	83
84	99	77	96	68	99	83	97	70	84
85	99	78	97	69	99	84	97	70	85
86	99	78	97	69	99	84	98	71	86
87	99	79	97	69	99	85	98	71	87
88	99	79	97	70	99	85	98	72	88
89-90	99	80	97	70	99	86	98	72	89-90
91-92	99	81	98	71	99	87	99	73	91-92
93-94	99	82	98	72	99	88	99	74	93-94
95	99	83	98	72	99	89	99	75	95
96	99	83	99	73	99	90	99	75	96
97	99	84	99	73	99	90	99	75	97
98	99	84	99	73	99	91	99	76	98
99	99	84	99	74	99	91	99	76	99
100	99	85	99	74	99	92	99	77	100
101	99	85	99	74	99	93	99	77	101
102	99	86	99	75	99	93	99	77	102
103	99	86	99	75	99	94	99	78	103
104	99	87	99	76	99	94	99	78	104
105	99	87	99	76	99	95	99	79	105
106	99	88	99	76	99	95	99	79	106
107	99	88	99	77	99	96	99	80	107
108	99	89	99	77	99	96	99	80	108
109	99	89	99	77	99	97	99	80	109
110-111	99	90	99	78	99	98	99	81	110-111
112-113	99	91	99	79	99	99	99	82	112-113
114	99	92	99	79	99	100	99	83	114
115	99	92	99	80	99	100	99	83	115
116	99	93	99	80	99	100	99	83	116
117	99	93	99	80	99	100	99	84	117
118	99	94	99	81	99	100	99	84	118
119	99	94	99	81	99	100	99	85	119
120	99	95	99	82	99	100	99	85	120
121	99	95	99	82	99	100	99	86	121
122	99	96	99	82	99	100	99	86	122
123	99	96	99	83	99	100	99	86	123
124-125	99	97	99	83	99	100	99	87	124-125
126-127	99	98	99	84	99	100	99	88	126-127
128	99	99	99	85	99	100	99	88	128
129	99	99	99	85	99	100	99	89	129
130	99	100	99	85	99	100	99	89	130
131	99	100	99	86	99	100	99	90	131
132	99	100	99	86	99	100	99	90	132
133	99	100	99	86	99	100	99	91	133
134-135	99	100	99	87	99	100	99	91	134-135
136-137	99	100	99	88	99	100	99	92	136-137
138	99	100	99	88	99	100	99	93	138
139	99	100	99	89	99	100	99	93	139
140-141	99	100	99	89	99	100	99	94	140-141
142	99	100	99	90	99	100	99	94	142
143	99	100	99	90	99	100	99	95	143
144	99	100	99	91	99	100	99	95	144
145-146	99	100	99	91	99	100	99	96	145-146
147-149	99	100	99	92	99	100	99	97	147-149
150-151	99	100	99	93	99	100	99	98	150-151
152	99	100	99	93	99	100	99	99	152
153	99	100	99	94	99	100	99	99	153
154	99	100	99	94	99	100	99	100	154
155-157	99	100	99	95	99	100	99	100	155-157
158-160	99	100	99	96	99	100	99	100	158-160
161-162	99	100	99	97	99	100	99	100	161-162
163-165	99	100	99	98	99	100	99	100	163-165
166-168	99	100	99	99	99	100	99	100	166-168
169-240	99	100	99	100	99	100	99	100	169-240

Percentiles and T-scores for DSM-5 scale scores

Raw score	Affective problems; 13 items, range 0 to 26								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	18	41	21	42	18	41	13	39	0
1	31	45	31	45	31	45	24	43	1
2	46	49	42	48	46	49	34	46	2
3	61	53	53	51	65	54	50	50	3
4	76	57	69	55	79	58	61	53	4
5	86	61	79	58	88	62	76	57	5
6	93	65	86	61	94	67	84	60	6
7	97	69	92	64	98	71	90	63	7
8	99	74	96	68	99	75	94	67	8
9	99	78	98	71	99	79	97	70	9
10	99	82	99	74	99	84	99	74	10
11	99	86	99	77	99	88	99	77	11
12	99	90	99	81	99	92	99	81	12
13	99	94	99	84	99	96	99	84	13
14	99	98	99	87	99	100	99	88	14
15	99	100	99	90	99	100	99	91	15
16	99	100	99	94	99	100	99	94	16
17	99	100	99	97	99	100	99	98	17
18	99	100	99	100	99	100	99	100	18
19	99	100	99	100	99	100	99	100	19
20	99	100	99	100	99	100	99	100	20
21	99	100	99	100	99	100	99	100	21
22	99	100	99	100	99	100	99	100	22
23	99	100	99	100	99	100	99	100	23
24	99	100	99	100	99	100	99	100	24
25	99	100	99	100	99	100	99	100	25
26	99	100	99	100	99	100	99	100	26

Raw score	Anxiety problems; 9 items, range 0 to 18								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	11	38	11	38	13	39	8	36	0
1	18	41	18	41	24	43	13	39	1
2	31	45	31	45	34	46	21	42	2
3	46	49	42	48	50	50	31	45	3
4	57	52	53	51	65	54	42	48	4
5	72	56	69	55	76	57	53	51	5
6	81	59	79	58	86	61	65	54	6
7	90	63	88	62	93	65	76	57	7
8	94	66	93	65	97	69	84	60	8
9	97	70	97	69	98	72	92	64	9
10	99	74	98	72	99	76	94	67	10
11	99	77	99	76	99	80	97	70	11
12	99	81	99	79	99	83	99	73	12
13	99	84	99	83	99	87	99	76	13
14	99	88	99	86	99	91	99	79	14
15	99	91	99	89	99	95	99	82	15
16	99	95	99	93	99	98	99	85	16
17	99	99	99	96	99	100	99	88	17
18	99	100	99	100	99	100	99	91	18

Raw score	Somatic problems; 7 items, range 0 to 14								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	27	44	24	43	24	43	21	42	0
1	50	50	38	47	46	49	34	46	1
2	72	56	57	52	69	55	50	50	2
3	88	62	72	56	86	61	65	54	3
4	97	69	84	60	96	68	79	58	4
5	99	75	92	64	99	74	88	62	5
6	99	81	97	69	99	80	94	66	6
7	99	88	99	73	99	86	97	70	7
8	99	94	99	77	99	92	99	73	8
9	99	100	99	82	99	98	99	77	9
10	99	100	99	86	99	100	99	81	10
11	99	100	99	90	99	100	99	85	11
12	99	100	99	95	99	100	99	89	12
13	99	100	99	99	99	100	99	93	13
14	99	100	99	100	99	100	99	97	14

Raw score	ADHD problems; 7 items, range 0 to 14								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	9	37	8	36	11	38	9	37	0
1	16	40	16	40	21	42	18	41	1
2	24	43	27	44	31	45	31	45	2
3	34	46	42	48	46	49	46	49	3
4	46	49	53	51	57	52	61	53	4
5	61	53	69	55	72	56	76	57	5
6	72	56	81	59	81	59	84	60	6
7	81	59	88	62	90	63	92	64	7
8	88	62	94	66	94	66	96	68	8
9	94	66	97	70	97	69	98	72	9
10	97	69	99	74	99	73	99	76	10
11	98	72	99	77	99	76	99	80	11
12	99	75	99	81	99	80	99	84	12
13	99	78	99	85	99	83	99	88	13
14	99	82	99	89	99	87	99	92	14

Raw score	ODD problems; 5 items, range 0 to 10								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	11	38	9	37	11	38	9	37	0
1	21	42	18	41	24	43	18	41	1
2	34	46	31	45	42	48	34	46	2
3	53	51	46	49	61	53	50	50	3
4	69	55	65	54	79	58	65	54	4
5	84	60	79	58	90	63	81	59	5
6	92	64	88	62	96	68	90	63	6
7	97	69	94	66	99	73	96	68	7
8	99	73	97	70	99	78	98	72	8
9	99	78	99	74	99	83	99	76	9
10	99	82	99	79	99	88	99	81	10

Raw score	Conduct problems; 17 items, range 0 to 34								Raw score
	Males				Females				
	Age 6-11;N=528		Age 12-17;N=187		Age 6-11;N=506		Age 12-17;N=209		
Percentil	T	Percentil	T	Percentil	T	Percentil	T		
0	24	43	24	43	24	43	21	42	0
1	34	46	34	46	42	48	31	45	1
2	50	50	42	48	61	53	46	49	2
3	61	53	50	50	79	58	57	52	3
4	76	57	61	53	88	62	72	56	4
5	86	61	69	55	94	67	81	59	5
6	92	64	79	58	98	72	90	63	6
7	96	68	84	60	99	77	94	66	7
8	98	71	90	63	99	82	97	70	8
9	99	75	93	65	99	87	99	73	9
10	99	79	94	67	99	92	99	77	10
11	99	82	97	70	99	96	99	80	11
12	99	86	98	72	99	100	99	84	12
13	99	89	99	75	99	100	99	87	13
14	99	93	99	77	99	100	99	91	14
15	99	97	99	80	99	100	99	94	15
16	99	100	99	82	99	100	99	97	16
17	99	100	99	84	99	100	99	100	17
18	99	100	99	87	99	100	99	100	18
19	99	100	99	89	99	100	99	100	19
20	99	100	99	92	99	100	99	100	20
21	99	100	99	94	99	100	99	100	21
22	99	100	99	96	99	100	99	100	22
23	99	100	99	99	99	100	99	100	23
24	99	100	99	100	99	100	99	100	24
25	99	100	99	100	99	100	99	100	25
26	99	100	99	100	99	100	99	100	26
27	99	100	99	100	99	100	99	100	27
28	99	100	99	100	99	100	99	100	28
29	99	100	99	100	99	100	99	100	29
30	99	100	99	100	99	100	99	100	30
31	99	100	99	100	99	100	99	100	31
32	99	100	99	100	99	100	99	100	32
33	99	100	99	100	99	100	99	100	33
34	99	100	99	100	99	100	99	100	34