



**Epidemiologia i Diagnòstic en Psicopatologia del Desenvolupament (UED)**  
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## **Normative ICU Data from Spain for preschool- (3-5 years) and school-age children (6-10 years)**

The following norms are based on study of 91-135 teachers who completed ICU on 620 and 525 children aged 3-5 and 5-10 year-old, respectively, attending 54 schools in Barcelona (Spain). Participating teachers had known the children for a median of 8 months and each teacher rated between 1 and 14 children ( $M = 5.1-6.8$  at preschool age;  $M = 3.5-4.6$  at school age). These norms have been weighted in accordance with the sample design; sample characteristics and design are described in:

Ezpeleta, L., de la Osa, N., & Doménech, J. M. (2014). Prevalence of DSM-IV disorders, comorbidity and impairment in 3-year-old Spanish preschoolers. *Social Psychiatry and Psychiatric Epidemiology*, 49(1), 145-155. <https://doi.org/10.1007/s00127-013-0683-1>

Psychometric properties in the 3-4 year-old sample are available in:

Ezpeleta, L., Osa, N. de la, Granero, R., Penelo, E., & Doménech, J. M. (2013). Inventory of Callous-Unemotional traits in a community sample of preschoolers. *Journal of Clinical Child & Adolescent Psychology*, 42(1), 91-105. <https://doi.org/10.1080/15374416.2012.734221>

### **Means and standard deviations split by age and gender**

Teacher ICU	3-5 years old		6-10 years old	
	Females $N = 309$	Males $N = 311$	Females $N = 262$	Males $N = 263$
Total	18.78 (7.43)	22.52 (8.31)	17.94 (7.19)	23.08 (8.52)
Callousness	3.94 (2.85)	5.22 (3.53)	3.94 (2.35)	5.71 (3.40)
Uncaring	10.16 (4.01)	12.02 (4.21)	8.77 (4.11)	11.33 (4.38)
Unemotional	4.65 (2.61)	5.32 (2.76)	5.27 (2.50)	6.07 (2.69)

## Frequency distributions split by age and gender

### 1) ICU total score, Spanish 3-10 year olds

Total score	3-5 years old				6-10 years old			
	Females N = 309		Males N = 311		Females N = 262		Males N = 263	
	%	Cumul. %	%	Cumul. %	%	Cumul. %	%	Cumul. %
0-3	0.8	0.8						
4	0.2	1.0			0.9	0.9		
5	1.4	2.3	0.8	0.8	0.7	1.6		
6	1.6	3.9	0.2	1.0	0.7	2.3	0.2	0.2
7	0.4	4.3			1.6	4.0	0.2	0.5
8	1.6	5.9			3.5	7.4	0.2	0.7
9	1.2	7.1	1.3	2.3	3.0	10.5	2.3	3.0
10	3.3	10.4	0.2	2.5	4.0	14.4	2.3	5.3
11	5.5	15.9	2.1	4.6	6.3	20.8	0.7	5.9
12	4.5	20.4	4.2	8.8	4.5	25.2	5.0	11.0
13	4.9	25.2	4.8	13.6	4.7	29.9	3.0	13.9
14	5.1	30.3	2.9	16.5	3.5	33.4	2.1	16.0
15	5.7	36.0	5.4	21.8	7.5	40.9	2.8	18.7
16	3.9	39.9	2.7	24.5	3.0	43.9	5.5	24.2
17	9.4	49.3	4.6	29.1	8.2	52.1	3.9	28.1
18	4.5	53.8	6.5	35.7	7.5	59.5	5.7	33.8
19	3.3	57.1	6.7	42.4	3.3	62.8	5.0	38.8
20	5.3	62.4	1.7	44.1	4.0	66.8	3.7	42.5
21	6.1	68.5	6.0	50.1	6.1	72.9	2.3	44.8
22	3.1	71.6	4.0	54.1	2.8	75.7	6.2	51.0
23	4.7	76.3	5.0	59.1	4.9	80.6	7.1	58.1
24	2.0	78.3	4.2	63.3	2.6	83.2	1.9	59.9
25	3.7	82.0	5.0	68.3	1.9	85.0	3.7	63.6
26	3.1	85.1	5.0	73.3	2.3	87.4	3.2	66.8
27	1.8	86.9	4.0	77.3	0.7	88.1	3.4	70.2
28	1.8	88.7	1.5	78.8	1.9	89.9	1.8	72.1
29	2.4	91.0	2.5	81.3	2.3	92.3	6.4	78.4
30	1.8	92.8	2.5	83.8	0.5	92.7	1.8	80.3
31	1.9	94.7	1.7	85.6	2.1	94.8	2.1	82.3
32	1.2	95.9	2.3	87.9	1.4	96.2	3.4	85.8
33	1.0	96.9	1.2	89.0			3.2	89.0
34	0.6	97.4	1.9	91.0	0.9	97.2	1.4	90.3
35	0.8	98.2	1.0	91.9	1.2	98.3	1.6	92.0

36			1.2	93.1	0.7	99.1	1.8	93.8
37	0.2	98.4	1.2	94.2	0.5	99.5	1.4	95.2
38	0.2	98.6	0.8	95.0	0.2	99.8	0.7	95.8
39	0.6	99.2	1.0	96.0	0.2	100.0	0.5	96.3
40			1.0	96.9			0.7	97.0
41	0.2	99.4	1.3	98.3			0.2	97.2
42			0.4	98.7			0.7	97.9
43	0.2	99.6	0.2	98.8			0.5	98.4
44-46	0.2	99.8	0.2	99.0			0.2	98.6
47	0.2	100.0					0.2	98.9
48			0.2	99.2			0.7	99.5
51-72			0.8	100.0			0.5	100.0

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## 2) ICU Callousness score, Spanish 3-10 year olds

Callousness	3-5 years old				6-10 years old			
	Females		Males		Females		Males	
	N = 309		N = 311		N = 262		N = 263	
	%	Cumul. %	%	Cumul. %	%	Cumul. %	%	Cumul. %
0	2.9	2.9	0.8	0.8	0.7	0.7		
1	12.3	15.2	5.2	6.0	7.2	7.9	1.6	1.6
2	20.7	36.0	15.0	20.9	21.7	29.7	13.9	15.5
3	18.0	54.0	18.8	39.7	24.6	54.2	14.2	29.7
4	14.1	68.1	15.3	55.0	15.4	69.6	17.2	46.9
5	9.2	77.3	10.2	65.2	10.5	80.1	10.3	57.2
6	8.2	85.5	5.0	70.2	7.7	87.8	8.0	65.2
7	4.5	90.0	8.1	78.3	2.6	90.4	9.6	74.8
8	2.9	93.0	6.1	84.4	2.1	92.5	5.9	80.7
9	3.1	96.1	4.2	88.6	3.3	95.8	5.3	86.0
10	0.8	96.9	3.1	91.7	2.3	98.1	5.3	91.3
11	0.6	97.4	1.9	93.6	1.4	99.5	2.5	93.8
12	0.2	97.6	1.2	94.8	0.5	100.0	2.1	95.9
13	0.6	98.2	1.5	96.3			0.7	96.6
14	1.2	99.4	1.3	97.7			1.1	97.7
15			1.3	99.0			0.9	98.6
16-19	0.6	100.0	0.4	99.4			0.9	99.5
20-33			0.6	100.0			0.5	100.0

### 3) ICU Uncaring score, , Spanish 3-10 year olds

Uncaring	3-5 years old				6-10 years old			
	Females		Males		Females		Males	
	N = 309		N = 311		N = 262		N = 263	
	%	Cumul. %	%	Cumul. %	%	Cumul. %	%	Cumul. %
0-1	0.4	0.4			0.5	0.5		
2	2.3	2.7	0.6	0.6	3.7	4.2	1.6	1.6
3	2.7	5.5			4.2	8.4	1.6	3.2
4	2.6	8.0	1.9	2.5	5.9	14.2	4.1	7.3
5	3.3	11.4	3.5	5.9	9.3	23.6	3.0	10.3
6	7.2	18.6	4.6	10.5	10.2	33.8	5.3	15.5
7	6.5	25.1	5.0	15.5	9.4	43.2	6.2	21.7
8	10.9	36.0	6.9	22.4	7.9	51.1	4.8	26.5
9	9.4	45.4	7.3	29.7	9.4	60.5	7.3	33.8
10	7.6	53.0	5.4	35.1	8.0	68.4	12.8	46.6
11	13.7	66.7	10.9	46.0	6.5	75.0	5.1	51.7
12	5.7	72.4	9.2	55.2	6.3	81.3	5.5	57.2
13	6.9	79.2	8.4	63.7	3.8	85.0	8.7	65.9
14	4.9	84.1	8.1	71.8	5.1	90.2	7.1	73.0
15	4.5	88.6	8.8	80.6	2.8	93.0	7.3	80.3
16	3.1	91.8	4.2	84.8	0.7	93.7	6.6	86.9
17	5.1	96.8	4.6	89.4	4.4	98.1	4.6	91.5
18	2.0	98.8	2.1	91.5	0.9	99.1	4.8	96.3
19	0.8	99.6	2.7	94.2	0.5	99.5	2.1	98.4
20	0.2	99.8	4.2	98.4	0.2	99.8	1.2	99.5
21	0.2	100.0	1.0	99.4	0.2	100.0	0.2	99.8
22-24			0.6	100.0			0.2	100.0

#### 4) ICU Unemotional score, Spanish 3 year old

Unemotional	3-5 years old				6-10 years old			
	Females		Males		Females		Males	
	N = 309		N = 311		N = 262		N = 263	
	%	Cumul. %	%	Cumul. %	%	Cumul. %	%	Cumul. %
0	1.6	1.6	1.0	1.0	0.2	0.2		
1	8.8	10.4	4.2	5.2	3.3	3.5	0.5	0.5
2	11.9	22.3	7.3	12.5	9.3	12.8	6.9	7.3
3	13.5	35.8	14.8	27.3	13.5	26.4	8.7	16.0
4	15.8	51.7	17.1	44.3	17.5	43.9	17.4	33.4
5	15.6	67.3	16.1	60.4	13.6	57.5	13.5	46.9
6	10.6	77.9	11.5	72.0	12.8	70.3	11.9	58.8
7	9.0	86.9	7.9	79.8	9.6	79.9	14.0	72.7
8	3.7	90.6	6.3	86.2	8.0	87.9	8.9	81.7
9	4.3	94.9	5.0	91.2	7.0	94.8	6.9	88.5
10	1.9	96.9	1.9	93.1	2.1	97.0	5.3	93.8
11	2.2	99.0	3.8	96.9	1.6	98.6	3.2	97.0
12	0.8	99.8	1.9	98.8	1.4	100.0	0.7	97.7
13			1.0	99.8			0.7	98.4
14-15	0.2	100.0	0.2	100.0			1.6	100.0