



Epidemiologia i Diagnòstic en Psicopatologia del Desenvolupament (UED)
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Normative SDQ Data from Spain for school-age children (5-10 years)

The following norms are based on study of parents and teachers who completed SDQs on 573 and 581 children aged 5-10 year olds, respectively, attending schools in Barcelona (Spain). 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>

Means and standard deviations split by gender

| | Parent SDQ | | Teacher SDQ | |
|---------------|---------------------------|-------------------------|---------------------------|-------------------------|
| | Females <i>N</i> = 286 | Males <i>N</i> = 287 | Females <i>N</i> = 291 | Males <i>N</i> = 290 |
| Total | 6.1 (4.2) | 7.0 (4.5) | 6.0 (4.7) | 7.8 (5.3) |
| Emotional | 1.2 (1.2) | 1.2 (1.3) | 1.4 (1.3) | 1.5 (1.4) |
| Conduct | 1.3 (1.3) | 1.5 (1.3) | 1.0 (1.4) | 1.6 (1.6) |
| Hyperactivity | 2.9 (2.2) | 3.5 (2.4) | 2.5 (2.3) | 3.7 (2.6) |
| Peer | 0.8 (1.1) | 0.9 (1.1) | 1.2 (1.2) | 1.2 (1.2) |
| Prosocial | 8.8 (1.2) | 8.4 (1.3) | 8.1 (1.5) | 7.1 (1.7) |
| Impact | 0.3 (1.0) | 0.5 (0.9) | 0.3 (0.7) | 0.6 (1.0) |

Frequency distributions split by gender

1) SDQ total difficulties score, Spanish 5-10 year olds

| Total difficulties score | Parent SDQ | | | | Teacher SDQ | | | |
|--------------------------|--------------------|----------|------------------|----------|--------------------|----------|------------------|----------|
| | Females N = 286 | | Males N = 287 | | Females N = 291 | | Males N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0 | 2.1 | 2.1 | 2.1 | 2.1 | 3.5 | 3.5 | 1.5 | 1.5 |
| 1 | 6.8 | 8.9 | 6.0 | 8.1 | 12.4 | 16.0 | 6.0 | 7.4 |
| 2 | 10.4 | 19.2 | 8.9 | 17.0 | 12.5 | 28.4 | 9.1 | 16.5 |
| 3 | 13.1 | 32.4 | 9.4 | 26.4 | 7.5 | 35.9 | 9.5 | 26.0 |
| 4 | 13.1 | 45.5 | 8.8 | 35.2 | 8.7 | 44.7 | 5.8 | 31.7 |
| 5 | 7.8 | 53.3 | 5.6 | 40.8 | 11.2 | 55.9 | 5.6 | 37.3 |
| 6 | 6.4 | 59.7 | 7.5 | 48.4 | 6.9 | 62.8 | 10.9 | 48.3 |
| 7 | 7.6 | 67.3 | 11.0 | 59.4 | 6.0 | 68.8 | 5.4 | 53.7 |
| 8 | 5.9 | 73.3 | 7.9 | 67.3 | 4.4 | 73.2 | 8.7 | 62.3 |
| 9 | 7.8 | 81.1 | 8.4 | 75.7 | 7.3 | 80.5 | 5.6 | 67.9 |
| 10 | 4.7 | 85.8 | 5.2 | 80.9 | 2.5 | 82.9 | 3.5 | 71.5 |
| 11 | 4.5 | 90.2 | 2.7 | 83.7 | 5.2 | 88.1 | 4.5 | 76.0 |
| 12 | 3.2 | 93.4 | 4.6 | 88.2 | 1.9 | 90.0 | 6.0 | 82.0 |
| 13 | 2.5 | 96.0 | 3.6 | 91.8 | 3.7 | 93.8 | 4.1 | 86.1 |
| 14 | 0.4 | 96.4 | 2.5 | 94.3 | 1.7 | 95.4 | 2.3 | 88.4 |
| 15 | 0.6 | 97.0 | 1.1 | 95.4 | 0.0 | 95.4 | 3.1 | 91.5 |
| 16 | 0.4 | 97.4 | 0.8 | 96.2 | 0.6 | 96.1 | 1.9 | 93.4 |
| 17 | 0.6 | 98.1 | 1.0 | 97.3 | 1.0 | 97.1 | 1.7 | 95.0 |
| 18 | 0.2 | 98.3 | 1.1 | 98.3 | 1.0 | 98.1 | 1.2 | 96.3 |
| 19 | 0.4 | 98.7 | 0.6 | 99.0 | 0.4 | 98.6 | 0.2 | 96.5 |
| 20 | 0.0 | 98.7 | 0.6 | 99.6 | 0.0 | 98.6 | 1.4 | 97.9 |
| 21 | 0.4 | 99.2 | 0.0 | 99.6 | 0.2 | 98.8 | 0.4 | 98.3 |
| 22 | 0.2 | 99.4 | 0.0 | 99.6 | 0.6 | 99.4 | 0.6 | 99.0 |
| 24 | 0.6 | 100.0 | 0.0 | 99.6 | 0.0 | 99.4 | 0.2 | 99.2 |
| 25-26 | | | 0.2 | 99.8 | 0.6 | 100.0 | 0.0 | 99.2 |
| 27 | | | 0.2 | 100.0 | | | 0.2 | 99.4 |
| 28-40 | | | | | | | 0.6 | 100.0 |

2) SDQ emotional symptoms score, Spanish 5-10 year old

| Emotional symptoms score | Parent SDQ | | | | Teacher SDQ | | | |
|--------------------------|------------|----------|---------|----------|-------------|----------|---------|----------|
| | Females | | Males | | Females | | Males | |
| | N = 286 | | N = 287 | | N = 291 | | N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0 | 32.2 | 32.2 | 31.6 | 31.6 | 27.4 | 27.4 | 22.3 | 22.3 |
| 1 | 36.2 | 68.3 | 38.0 | 69.7 | 33.1 | 60.5 | 40.9 | 63.2 |
| 2 | 21.2 | 89.6 | 15.7 | 85.3 | 21.9 | 82.3 | 18.8 | 82.0 |
| 3 | 4.9 | 94.5 | 6.7 | 92.0 | 10.4 | 92.7 | 10.1 | 92.1 |
| 4 | 4.0 | 98.5 | 5.9 | 97.9 | 4.8 | 97.5 | 3.1 | 95.3 |
| 5 | 0.9 | 99.4 | 1.5 | 99.4 | 2.3 | 99.8 | 2.5 | 97.7 |
| 6 | 0.2 | 99.6 | 0.2 | 99.6 | 0.2 | 100.0 | 1.0 | 98.8 |
| 7 | 0.2 | 99.8 | 0.2 | 99.8 | | | 1.2 | 100.0 |
| 8 | 0.2 | 100.0 | 0.0 | 99.8 | | | | |
| 9-10 | | | 0.2 | 100.0 | | | | |

3) SDQ conduct problems score, Spanish 5-10 year old

| Conduct symptoms score | Parent SDQ | | | | Teacher SDQ | | | |
|------------------------|------------|----------|---------|----------|-------------|----------|---------|----------|
| | Females | | Males | | Females | | Males | |
| | N = 286 | | N = 287 | | N = 291 | | N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0 | 33.2 | 33.2 | 21.6 | 21.6 | 46.7 | 46.7 | 31.4 | 31.4 |
| 1 | 28.6 | 61.8 | 34.4 | 56.1 | 28.1 | 74.8 | 27.1 | 58.4 |
| 2 | 20.6 | 82.4 | 25.9 | 82.0 | 12.3 | 87.1 | 16.5 | 75.0 |
| 3 | 12.1 | 94.5 | 11.7 | 93.7 | 5.6 | 92.7 | 13.0 | 88.0 |
| 4 | 3.6 | 98.1 | 3.8 | 97.5 | 4.2 | 96.9 | 7.2 | 95.2 |
| 5 | 1.5 | 99.6 | 0.8 | 98.3 | 2.3 | 99.2 | 2.1 | 97.3 |
| 6 | 0.2 | 99.8 | 1.5 | 99.8 | 0.2 | 99.4 | 1.3 | 98.5 |
| 7 | 0.0 | 99.8 | 0.0 | 99.8 | 0.6 | 100.0 | 0.8 | 99.4 |
| 8 | 0.2 | 100.0 | 0.0 | 99.8 | | | 0.6 | 100.0 |
| 9-10 | | | 0.2 | 100.0 | | | | |

4) SDQ hyperactivity-inattention score, Spanish 5-10 year old

| Hyperact. inattent. score | Parent SDQ | | | | Teacher SDQ | | | |
|---------------------------------|------------|----------|---------|----------|-------------|----------|---------|----------|
| | Females | | Males | | Females | | Males | |
| | N = 286 | | N = 287 | | N = 291 | | N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0 | 12.1 | 12.1 | 9.1 | 9.1 | 19.7 | 19.7 | 8.7 | 8.7 |
| 1 | 18.4 | 30.5 | 14.4 | 23.5 | 24.1 | 43.8 | 15.3 | 23.9 |
| 2 | 21.2 | 51.6 | 16.5 | 40.0 | 16.5 | 60.3 | 13.8 | 37.8 |
| 3 | 14.9 | 66.5 | 10.0 | 50.1 | 10.6 | 70.9 | 16.5 | 54.3 |
| 4 | 10.2 | 76.7 | 17.7 | 67.8 | 10.4 | 81.3 | 11.0 | 65.3 |
| 5 | 9.9 | 86.6 | 12.9 | 80.7 | 8.7 | 90.0 | 9.5 | 74.8 |
| 6 | 6.4 | 93.0 | 7.1 | 87.9 | 2.9 | 92.9 | 10.9 | 85.7 |
| 7 | 4.0 | 97.0 | 4.0 | 91.8 | 2.5 | 95.4 | 4.1 | 89.9 |
| 8 | 1.9 | 98.9 | 4.4 | 96.2 | 3.1 | 98.6 | 5.4 | 95.2 |
| 9 | 0.4 | 99.4 | 2.9 | 99.2 | 0.8 | 99.4 | 2.9 | 98.1 |
| 10 | 0.6 | 100.0 | 0.8 | 100.0 | 0.6 | 100.0 | 1.9 | 100.0 |

5) SDQ peer problems score, Spanish 5-10 year old

| Peer problems score | Parent SDQ | | | | Teacher SDQ | | | |
|---------------------------|------------|----------|---------|----------|-------------|----------|---------|----------|
| | Females | | Males | | Females | | Males | |
| | N = 286 | | N = 287 | | N = 291 | | N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0 | 48.5 | 48.5 | 50.0 | 50.0 | 30.2 | 30.2 | 31.0 | 31.0 |
| 1 | 34.1 | 82.6 | 29.2 | 79.2 | 40.5 | 70.7 | 37.6 | 68.5 |
| 2 | 9.1 | 91.7 | 10.5 | 89.7 | 20.6 | 91.3 | 17.2 | 85.7 |
| 3 | 5.1 | 96.8 | 5.5 | 95.2 | 4.4 | 95.6 | 8.9 | 94.6 |
| 4 | 1.5 | 98.3 | 4.6 | 99.8 | 2.1 | 97.7 | 3.3 | 97.9 |
| 5 | 1.7 | 100.0 | 0.2 | 100.0 | 1.7 | 99.4 | 1.5 | 99.4 |
| 6 | | | | | 0.0 | 99.4 | 0.4 | 99.8 |
| 7-10 | | | | | 0.6 | 100.0 | 0.2 | 100.0 |

6) SDQ prosocial behaviour score, Spanish 5-10 year old

| Prosocial behaviour score | Parent SDQ | | | | Teacher SDQ | | | |
|---------------------------------|------------|----------|---------|----------|-------------|----------|---------|----------|
| | Females | | Males | | Females | | Males | |
| | N = 286 | | N = 287 | | N = 291 | | N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0-1 | 0.2 | 0.2 | | | | | | |
| 2 | 0.0 | 0.2 | | | 0.6 | 0.6 | 0.6 | 0.6 |
| 3 | 0.0 | 0.2 | | | 0.0 | 0.6 | 1.9 | 2.5 |
| 4 | 0.6 | 0.8 | | | 0.6 | 1.2 | 4.2 | 6.6 |
| 5 | 1.3 | 2.1 | 2.5 | 2.5 | 4.8 | 6.0 | 11.8 | 18.4 |
| 6 | 2.3 | 4.4 | 6.7 | 9.2 | 6.2 | 12.3 | 13.8 | 32.3 |
| 7 | 8.3 | 12.7 | 13.0 | 22.2 | 17.5 | 29.8 | 22.1 | 54.4 |
| 8 | 20.6 | 33.3 | 23.0 | 45.1 | 24.3 | 54.1 | 24.2 | 78.6 |
| 9 | 35.8 | 69.1 | 34.4 | 79.6 | 28.5 | 82.6 | 14.4 | 93.0 |
| 10 | 30.9 | 100.0 | 20.4 | 100.0 | 17.4 | 100.0 | 7.0 | 100.0 |

7) SDQ impact score, Spanish 5-10 year old

| Impact score | Parent SDQ | | | | Teacher SDQ | | | |
|-----------------|------------|----------|---------|----------|-------------|----------|---------|----------|
| | Females | | Males | | Females | | Males | |
| | N = 286 | | N = 287 | | N = 291 | | N = 290 | |
| | % | Cumul. % | % | Cumul. % | % | Cumul. % | % | Cumul. % |
| 0 | 81.7 | 81.7 | 71.8 | 71.8 | 77.9 | 77.9 | 66.7 | 66.7 |
| 1 | 12.6 | 94.2 | 18.1 | 89.9 | 16.4 | 94.4 | 18.6 | 85.3 |
| 2 | 3.0 | 97.2 | 6.3 | 96.2 | 3.6 | 97.9 | 8.5 | 93.8 |
| 3 | 0.6 | 97.9 | 1.5 | 97.7 | 1.5 | 99.4 | 3.5 | 97.3 |
| 4 | 0.6 | 98.5 | 1.7 | 99.4 | 0.6 | 100.0 | 1.7 | 99.0 |
| 5 | 0.0 | 98.5 | 0.4 | 99.8 | | | 1.0 | 100.0 |
| 6 | 0.6 | 99.2 | 0.2 | 100.0 | | | | |
| 7 | 0.0 | 99.2 | | | | | | |
| 8 | 0.6 | 99.8 | | | | | | |
| 9-10 | 0.2 | 100.0 | | | | | | |