

**Normative Data for the Cincinnati Auditory Skills Checklist**  
**Laura Tyberg, M.S.**

	<b>Birth – 1 Year (n = 27)</b>			<b>1 – 2 Years (n = 29)</b>			<b>2 – 3 Years (n = 30)</b>		
<b>Item</b>	<b>Often (S)</b>	<b>Sometimes (E)</b>	<b>Rarely (D)</b>	<b>Often (S)</b>	<b>Sometimes (E)</b>	<b>Rarely (D)</b>	<b>Often (S)</b>	<b>Sometimes (E)</b>	<b>Rarely (D)</b>
2*	80%	20%	0%	96.9%	3.1%	0%	96.6%	3.4%	0%
3	80%	20%	0%	100%	0%	0%	100%	0%	0%
4	33.3%	60.1%	6.6%	66%	30.3%	3.7%	64%	29%	7%
5	66.6%	33.4%	0%	96.9%	3.1%	0%	100%	0%	0%
6	Detects all: 60% Detects at least one: 20% Does not detect any: 20%			Detects all: 93.9% Detects M/AH/OO/EE: 6.1% Does not detect any: 0%			Detects all: 96.6% Detects M/AH/OO/EE/S: 3.4% Does not detect any: 0%		
7	53.3%	33.4%	13.3%	89%	11%	0%	93.4%	6.6%	0%
8	53.3%	33.4%	13.3%	64.6%	35.4%	0%	64.6%	35.4%	0%
9	Localizes correctly: 60% Searches for sound: 26% Does not search for sound: 14%			Localizes correctly: 78.7% Searches for sound: 21.3% Does not search for sound: 0%			Localizes correctly: 90% Searches for sound: 10% Does not search for sound: 0%		
10	66.6%	20.1%	13.3%	93.9%	6.1%	0%	96.6%	3.4%	0%
11	53.3%	26.6%	20.1%	84.8%	12.1%	3.1%	85.6%	14.4%	0%
12	53.3%	33.3%	13.4%	81.8%	18.2%	0%	90%	10%	0%
13	60%	26.7%	13.3%	96.9%	3.1%	0%	93.4%	6.6%	0%
14	66.6%	20.1%	13.3%	100%	0%	0%	100%	0%	0%
15	0%	33.3%	66.7%	51.6%	30.3%	18.1%	75.6%	19%	5.4%
16	0%	13.3%	86.7%	33.33%	33.33%	33.33%	64.6%	29%	6.4%
17	33.3%	40%	26.7%	72.7%	24.2%	3.1%	86.6%	13.4%	0%
18	40%	17%	43%	78.8%	21.2%	0%	96.7%	3.3%	0%
19	0%	0%	100%	63.6%	27.2%	9.2%	96.7%	3.3%	0%
20	0%	13.3%	86.7%	63.6%	9.2%	27.2%	86.6%	13.3%	3.3%
21	20%	26.6%	53.3%	93.9%	3%	3%	96.7%	3.3%	0%
22	Identifies all six: 20% Identifies at least one: 27% Unable: 53%			Identifies all six: 54.5% Identifies at least one: 45.5% Unable: 0%			Identifies all six: 83.4% Identifies all but S, SH: 9.9% Identifies all but SH: 6.7%		
23	Identifies four or more: 13.3% Identifies one: 6% Unable: 80.7%			Identifies four or more: 69.9% Identifies one: 18.1% Unable: 12%			Identifies four or more: 86.7% Identifies one: 13.3% Unable: 0%		
24	6.6%	26.6%	66.8%	87.9%	12.1%	0%	93.4%	6.6%	0%
25	Follows 10 or more: 6.6% Follows 3 or more: 6.6% Unable: 86.8%			Follows 10 or more: 36.3% Follows 3 or more: 57.5% Unable: 6.2%			Follows 10 or more: 90% Follows 3 or more: 10% Unable: 0%		
26	Follows 10 or more: 0% Follows 3 or more: 6.6% Unable: 93.4%			Follows 10 or more: 15.1% Follows 3 or more: 30.3% Unable: 54.6%			Follows 10 or more: 56.6% Follows 3 or more: 43.4% Unable: 0%		
27	Follows 7 or more: 0% Follows 2 or more: 0% Unable: 100%			Follows 7 or more: 0% Follows 2 or more: 18.2% Unable: 81.8%			Follows 7 or more: 43.4% Follows 2 or more: 33.3% Unable: 23.3%		
28	Remembers 7 or more: 0% Remembers 3 or more: 0% Unable: 100%			Remembers 7 or more: 6% Remembers 3 or more: 12.2% Unable: 81.8%			Remembers 7 or more: 63.3% Remembers 3 or more: 20.1% Unable: 16.6%		
29	Remembers 7 or more: 0% Remembers 3 or more: 13.3% Unable: 86.7%			Remembers 7 or more: 15.2% Remembers 3 or more: 15.2% Unable: 69.6%			Remembers 7 or more: 36.6% Remembers 3 or more: 43.3% Unable: 20.1%		
30	Sequences 4 events: 0% Sequences 3 events: 0% Unable: 100%			Sequences 4 events: 0% Sequences 3 events: 10% Unable: 90%			Sequences 4 events: 33.33% Sequences 3 events: 33.33% Unable: 33.33%		
31	Understands 5 forms: 0% Understands 2 forms: 0% Unable: 100%			Understands 5 forms: 9.2% Understands 2 forms: 51.5% Unable: 39.3%			Understands 5 forms: 54.6% Understands 2 forms: 39% Unable: 6.4%		
32	Understands 7 or more: 0% Understands 2 or more: 0% Unable: 100%			Understands 7 or more: 12.1% Understands 2 or more: 51.6% Unable: 36.3%			Understands 7 or more: 60% Understands 2 or more: 40% Unable: 0%		
33	13.3%	6.6%	80.1%	33.3%	54.6%	12.1%	83.4%	16.6%	0%
34	13.3%	13.3%	73.4%	63.6%	30.3%	6.1%	75%	25%	0%
35	0%	13.3%	86.7%	63.6%	21.2%	15.2%	86.7%	13.3%	0%

\*Item 1 was eliminated from normative data collection, as the question only pertains to children who use amplification

### Average Normative Total Scores:

	<b>Birth – 1 year (n = 27)</b>	<b>1 – 2 years (n = 29)</b>	<b>2 – 3 years (n = 30)</b>
<b>Detection</b> (Items 1 – 9) <i>Max score: 16*</i>	Mean: 11.73 SD: 5.05 Range: 3 - 16	Mean: 14.69 SD: 1.51 Range: 12 – 16	Mean: 14.80 SD: 1.60 Range: 11 - 16
<b>Discrimination</b> (Items 10-16) <i>Max score: 14</i>	Mean: 7.73 SD: 3.43 Range: 0 - 12	Mean: 11.87 SD: 1.89 Range: 8 - 14	Mean: 12.93 SD: 1.45 Range: 8 - 14
<b>Identification</b> (Items 17-23) <i>Max score: 14</i>	Mean: 3.73 SD: 3.47 Range: 0 - 10	Mean: 11.36 SD: 2.75 Range: 6 - 14	Mean: 13.29 SD: 1.07 Range: 10 - 14
<b>Comprehension</b> (Items 24-35) <i>Max score: 24</i>	Mean: 1.06 SD: 1.43 Range: 0 - 5	Mean: 10.30 SD: 4.67 Range: 3 - 20	Mean: 18.83 SD: 4.64 Range: 8 – 24
<b>TOTAL</b> <i>Max score: 68*</i>	Mean: 24.26 SD: 10.64 Range: 6 - 42	Mean: 48.24 SD: 9.38 Range: 28 - 64	Mean: 59.54 SD: 7.16 Range: 45 - 68

*\*Due to the elimination of item 1, the maximum score for Detection is 16 (but is typically 18) and the maximum total score is 68 (but is typically 70).*