

APPENDIX to Chapter 2

TABLE eA2.1 Base Rates of Low Age-Adjusted Core WAIS–IV/WMS–IV Index Scores (10 Indexes; FSIQ, VCI, PRI, WMI, PSI, AMI, VMI, IMI, DMI, VWMI) in 16–69-Year-Olds: All Primary Subtests from WAIS–IV and WMS–IV

Number of Low Scores	Total Sample	TOPI-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	888	17	90	479	147	21	64	129	460	139	92	42	78	273	261	234
≤25th percentile																
10 low scores	3.4	52.9	10	0.4	–	–	45.3	0.8	–	–	–	16.7	9	4	1.5	0.4
9 or more	7	58.8	17.8	3.8	–	–	67.2	14.7	–	–	–	23.8	24.4	7.7	4.2	0.4
8 or more	10.1	76.5	28.9	5.2	–	–	81.3	29.5	–	–	–	28.6	34.6	11.4	6.9	0.9
7 or more	13.5	76.5	33.3	9	1.4	–	90.6	42.6	1.5	–	–	33.3	39.7	15.4	9.6	3.4
6 or more	18.5	88.2	41.1	13.6	2	–	98.4	58.9	5.4	–	–	57.1	51.3	20.5	13.4	3.8
5 or more	22.6	94.1	51.1	17.7	2	–	100	72.9	9.3	–	–	69	55.1	26	16.9	6
4 or more	29.6	100	64.4	24.8	6.1	–	–	90.7	17.2	2.2	–	81	70.5	33	22.6	10.7
3 or more	36.4	–	74.4	32.6	9.5	–	–	100	26.5	4.3	1.1	85.7	75.6	39.9	32.2	15
2 or more	45.5	–	81.1	43	20.4	4.8	–	–	42.6	8.6	2.2	90.5	83.3	50.5	43.3	21.4
1 or more	62	–	92.2	63.5	33.3	19	–	–	68.7	23.7	7.6	97.6	92.3	70.3	61.7	36.3
No low scores	38	–	7.8	36.5	66.7	81	–	–	31.3	76.3	92.4	2.4	7.7	29.7	38.3	63.7

≤16th percentile

10 low scores	1.6	11.8	4.4	0.4	—	—	21.9	—	—	—	—	4.8	5.1	1.8	0.8	0.4
9 or more	3.5	41.2	11.1	0.8	—	—	46.9	0.8	—	—	—	9.5	15.4	2.9	2.3	0.4
8 or more	4.8	47.1	14.4	1.9	—	—	54.7	6.2	—	—	—	16.7	16.7	5.1	3.1	0.4
7 or more	7.5	58.8	20	3.8	0.7	—	68.8	17.1	0.2	—	—	26.2	20.5	9.2	5.4	0.4
6 or more	9.2	64.7	24.4	4.8	1.4	—	76.6	23.3	0.7	—	—	33.3	25.6	10.3	7.3	0.4
5 or more	13.4	82.4	31.1	8.6	2	—	90.6	38.8	2.4	—	—	38.1	41	15	9.2	2.6
4 or more	17.9	88.2	42.2	12.5	2	—	98.4	51.9	6.3	—	—	50	52.6	18.7	14.2	3.8
3 or more	23.3	94.1	50	18.8	2.7	—	100	71.3	10.7	0.7	—	73.8	57.7	25.3	19.2	5.1
2 or more	30.2	100	62.2	26.1	8.2	—	—	84.5	19.1	3.6	1.1	81	66.7	34.1	25.7	9.4
1 or more	47.1	—	84.4	44.3	21.1	14.3	—	97.7	43.5	14.4	6.5	95.2	82.1	52.7	45.2	22.2
No low scores	52.9	—	15.6	55.7	78.9	85.7	—	2.3	56.5	85.6	93.5	4.8	17.9	47.3	54.8	77.8

≤9th percentile

10 low scores	0.6	5.9	1.1	0.2	—	—	7.8	—	—	—	—	—	3.8	0.7	—	—
9 or more	1.6	11.8	5.6	0.4	—	—	21.9	—	—	—	—	4.8	6.4	1.1	1.1	0.4
8 or more	2.6	23.5	11.1	0.6	—	—	34.4	0.8	—	—	—	9.5	9	2.6	1.5	0.4
7 or more	3.4	47.1	11.1	0.6	—	—	43.8	1.6	—	—	—	11.9	11.5	3.3	2.3	0.4
6 or more	4.3	52.9	12.2	1.5	—	—	51.6	3.9	—	—	—	11.9	14.1	5.1	2.7	0.4
5 or more	6.9	58.8	20	2.9	1.4	—	71.9	9.3	0.7	—	—	23.8	20.5	7	5.4	0.9
4 or more	9.8	64.7	25.6	4.4	1.4	—	90.6	16.3	1.7	—	—	38.1	32.1	9.2	7.3	0.9

(Continued)

TABLE eA2.1 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
3 or more	14	70.6	34.4	9	1.4	–	93.8	31.8	4.8	–	–	42.9	42.3	14.7	11.1	1.7
2 or more	18.2	88.2	42.2	13.2	2	–	100	47.3	7.6	0.7	–	59.5	48.7	19.8	13.8	3.8
1 or more	30.4	100	64.4	26.7	6.8	9.5	–	77.5	20.9	5	2.2	78.6	66.7	35.2	26.8	8.1
No low scores	69.6	–	35.6	73.3	93.2	90.5	–	22.5	79.1	95	97.8	21.4	33.3	64.8	73.2	91.9
≤5th percentile																
10 low scores	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.7	–	–
9 or more	0.6	5.9	2.2	0.2	–	–	7.8	–	–	–	–	–	1.3	0.7	0.8	–
8 or more	1.4	11.8	5.6	0.2	–	–	18.8	–	–	–	–	4.8	3.8	1.5	1.1	–
7 or more	2.1	17.6	7.8	0.6	–	–	29.7	–	–	–	–	4.8	6.4	2.2	1.9	0.4
6 or more	2.8	23.5	11.1	0.6	–	–	35.9	1.6	–	–	–	9.5	9	2.9	1.9	0.4
5 or more	3.9	41.2	13.3	1.3	–	–	46.9	3.1	0.2	–	–	14.3	11.5	3.3	3.8	0.4
4 or more	5.6	52.9	16.7	2.5	0.7	–	59.4	6.2	0.9	–	–	16.7	16.7	5.5	5.4	0.4
3 or more	8.1	58.8	20	4.4	1.4	–	75	12.4	1.7	–	–	26.2	25.6	8.1	6.5	0.9
2 or more	11.3	70.6	26.7	7.3	1.4	–	84.4	21.7	3.7	–	–	33.3	32.1	12.5	8.8	1.7
1 or more	20.6	82.4	48.9	15.4	4.8	9.5	95.3	51.2	10.7	3.6	1.1	54.8	57.7	23.4	14.6	5.6
No low scores	79.4	17.6	51.1	84.6	95.2	90.5	4.7	48.8	89.3	96.4	98.9	45.2	42.3	76.6	85.4	94.4

≤2nd percentile

10 low scores	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
9 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
8 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.7	–	–
7 or more	0.5	–	2.2	–	–	–	6.3	–	–	–	–	2.4	–	0.7	0.4	–
6 or more	0.7	–	2.2	0.2	–	–	7.8	0.8	–	–	–	4.8	–	0.7	0.8	–
5 or more	1.1	5.9	4.4	0.4	–	–	12.5	0.8	0.2	–	–	4.8	2.6	1.1	1.1	–
4 or more	2.6	29.4	7.8	0.8	–	–	31.3	1.6	0.2	–	–	7.1	6.4	2.6	2.7	0.4
3 or more	3.4	29.4	10	1.5	–	–	37.5	3.1	0.4	–	–	11.9	7.7	3.7	3.1	0.4
2 or more	5.9	52.9	17.8	2.5	1.4	–	53.1	7.8	1.7	–	–	19	17.9	5.9	5	0.4
1 or more	10.2	64.7	30	5.8	2.7	–	75	19.4	3.7	0.7	–	26.2	34.6	11.4	7.3	1.3
No low scores	89.8	35.3	70	94.2	97.3	100	25	80.6	96.3	99.3	100	73.8	65.4	88.6	92.7	98.7

Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.2 Base Rates of Low Age-Adjusted Core WAIS–IV/WMS–IV Subtest Scores (20 Subtests; VC, IN, SIM, MR, BD, VP, DS, AR, CD, SS, LM I & II, VR I & II, VPA I & II, DE I & II, SA, SY) in 16–69-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	888	17	90	479	147	21	64	129	460	139	92	42	78	273	261	234
≤25th percentile																
20 low scores	1.1	11.8	2.2	0.4	–	–	15.6	–	–	–	–	2.4	5.1	1.1	0.8	–
19 or more	2.0	17.6	4.4	0.6	–	–	28.1	–	–	–	–	7.1	6.4	1.8	1.5	0.4
18 or more	3.4	35.3	10.0	1.0	–	–	42.2	2.3	–	–	–	7.1	12.8	4.0	1.9	0.4
17 or more	4.2	47.1	12.2	1.3	–	–	51.6	3.1	–	–	–	9.5	16.7	4.8	2.3	0.4
16 or more	5.4	52.9	17.8	1.7	–	–	60.9	7.0	–	–	–	14.3	20.5	6.6	2.7	0.4
15 or more	7.9	58.8	21.1	4.0	0.7	–	71.9	17.1	0.4	–	–	23.8	21.8	9.9	5.4	0.9
14 or more	10.4	70.6	25.6	5.6	2.0	–	81.3	27.9	0.9	–	–	31.0	29.5	12.1	7.7	1.3
13 or more	13.0	82.4	33.3	7.1	2.0	–	93.8	36.4	1.7	–	–	35.7	38.5	15.0	9.2	2.1
12 or more	15.9	88.2	37.8	10.2	2.0	–	95.3	49.6	3.3	–	–	45.2	44.9	18.3	11.1	3.4
11 or more	19.4	94.1	48.9	13.6	2.0	–	98.4	62.8	5.9	–	–	59.5	52.6	21.2	14.2	4.7
10 or more	23.0	100.0	55.6	17.7	2.0	–	100.0	72.9	9.8	–	–	73.8	57.7	25.3	17.2	6.0
9 or more	27.5	–	57.8	23.6	3.4	–	–	83.7	15.4	–	–	76.2	66.7	30.4	22.2	8.1
8 or more	32.0	–	67.8	28.0	6.8	–	–	89.9	22.4	–	–	83.3	73.1	35.5	26.8	10.7
7 or more	38.1	–	78.9	35.1	9.5	–	–	96.9	32.0	0.7	–	88.1	76.9	45.1	32.2	14.5

6 or more	44.6	—	86.7	42.0	15.0	4.8	—	100.0	42.6	3.6	1.1	90.5	84.6	51.3	40.6	19.7
5 or more	52.0	—	90.0	51.8	19.0	4.8	—	—	55.9	7.2	1.1	95.2	91.0	58.6	49.8	26.1
4 or more	61.6	—	92.2	63.7	29.3	14.3	—	—	69.8	18.7	6.5	97.6	91.0	74.0	60.2	32.5
3 or more	70.3	—	95.6	74.9	37.4	19.0	—	—	81.5	32.4	9.8	100.0	93.6	82.1	69.7	44.0
2 or more	78.7	—	98.9	83.5	51.7	28.6	—	—	90.7	48.9	19.6	—	96.2	89.0	78.5	57.3
1 or more	90.1	—	1.1	93.3	75.5	52.4	—	—	96.7	81.3	48.9	—	98.7	94.1	91.6	79.1
No low scores	9.9	—	—	6.7	24.5	47.6	—	—	3.3	18.7	51.1	—	1.3	5.9	8.4	20.9

≤16th percentile

20 low scores	0.2	5.9	—	—	—	—	3.1	—	—	—	—	—	1.3	0.4	—	—
19 or more	0.8	5.9	2.2	—	—	—	10.9	—	—	—	—	4.8	1.3	1.1	—	0.4
18 or more	1.7	17.6	5.6	0.4	—	—	23.4	—	—	—	—	4.8	6.4	2.2	0.4	0.4
17 or more	2.7	29.4	10.0	0.6	—	—	35.9	0.8	—	—	—	9.5	9.0	2.9	1.5	0.4
16 or more	3.3	29.4	11.1	0.8	—	—	42.2	1.6	—	—	—	9.5	11.5	3.3	2.3	0.4
15 or more	3.8	41.2	13.3	0.8	—	—	48.4	2.3	—	—	—	14.3	12.8	4.0	2.3	0.4
14 or more	4.6	47.1	13.3	1.5	—	—	53.1	5.4	—	—	—	14.3	16.7	4.8	3.1	0.4
13 or more	6.0	52.9	17.8	2.3	0.7	—	65.6	7.8	0.2	—	—	19.0	17.9	7.0	4.2	0.4
12 or more	7.9	58.8	22.2	4.0	0.7	—	76.6	15.5	0.2	—	—	26.2	23.1	8.8	5.7	0.9
11 or more	9.9	70.6	28.9	4.8	0.7	—	89.1	21.7	0.7	—	—	31.0	32.1	10.6	6.9	1.3
10 or more	12.6	70.6	34.4	7.1	0.7	—	95.3	33.3	1.5	—	—	45.2	38.5	13.9	8.0	1.7
9 or more	14.4	70.6	38.9	9.4	0.7	—	98.4	40.3	2.6	—	—	45.2	43.6	15.8	10.3	2.1
8 or more	18.9	88.2	45.6	14.6	2.0	—	98.4	56.6	6.7	—	—	57.1	50.0	20.5	15.7	3.4

(Continued)

TABLE eA2.2 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
7 or more	22.4	94.1	51.1	18.2	2.0	–	100.0	70.5	9.3	–	–	69.0	56.4	24.2	18.8	4.7
6 or more	26.9	100.0	60.0	22.5	4.8	–	–	81.4	14.8	0.7	–	81.0	65.4	30.4	19.5	8.5
5 or more	33.4	–	72.2	29.0	6.1	4.8	–	89.1	25.0	0.7	1.1	88.1	74.4	37.4	28.0	11.5
4 or more	41.6	–	82.2	39.7	10.2	4.8	–	94.6	37.8	5.0	1.1	92.9	82.1	48.4	36.4	16.7
3 or more	51.6	–	85.6	52.4	21.1	9.5	–	99.2	53.0	12.9	3.3	95.2	87.2	59.3	49.4	25.2
2 or more	63.4	–	93.3	65.1	32.0	23.8	–	100.0	68.9	28.8	10.9	100.0	94.9	73.3	59.8	38.9
1 or more	77.8	–	97.8	82.5	53.7	28.6	–	–	85.9	53.2	27.2	–	94.9	87.2	77.0	58.1
No low scores	22.2	–	2.2	17.5	46.3	71.4	–	–	14.1	46.8	72.8	–	5.1	12.8	23.0	41.9
≤9th percentile																
20 low scores	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
19 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
18 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.7	–	–
17 or more	0.5	5.9	2.2	–	–	–	6.3	–	–	–	–	–	1.3	0.7	0.4	–
16 or more	0.8	5.9	3.3	0.2	–	–	10.9	–	–	–	–	–	2.6	1.1	0.8	–
15 or more	1.4	5.9	5.6	0.4	–	–	18.8	–	–	–	–	4.8	3.8	1.5	1.1	–
14 or more	2.3	23.5	10.0	0.4	–	–	31.3	–	–	–	–	9.5	9.0	1.8	1.5	–
13 or more	2.7	29.4	11.1	0.4	–	–	35.9	0.8	–	–	–	9.5	10.3	2.2	1.9	0.4

12 or more	3.4	35.3	12.2	0.8	—	—	42.2	2.3	—	—	—	14.3	10.3	3.3	2.3	0.4
11 or more	4.1	52.9	12.2	1.3	—	—	50.0	3.1	—	—	—	14.3	12.8	4.0	3.1	0.4
10 or more	5.2	52.9	15.6	2.1	—	—	60.9	5.4	—	—	—	19.0	14.1	6.2	3.4	0.4
9 or more	6.6	58.8	20.0	2.7	—	—	71.9	9.3	0.2	—	—	23.8	19.2	8.1	4.2	0.4
8 or more	9.2	64.7	26.7	4.6	0.7	—	85.9	17.1	0.9	—	—	40.5	26.9	9.5	6.1	0.9
7 or more	11.1	64.7	30.0	6.5	1.4	—	87.5	26.4	1.7	—	—	42.9	30.8	11.7	8.0	1.7
6 or more	15.0	76.5	40.0	10.0	1.4	—	93.8	41.1	4.1	—	—	50.0	44.9	16.5	10.7	1.7
5 or more	18.2	88.2	44.4	13.8	2.0	—	93.8	55.8	6.1	0.7	—	61.9	47.4	20.5	13.0	3.8
4 or more	23.3	94.1	57.8	18.4	2.7	—	98.4	70.5	10.9	1.4	—	71.4	62.8	25.3	17.6	5.6
3 or more	32.3	100.0	68.9	28.8	6.1	4.8	100.0	85.3	23.0	4.3	—	90.5	73.1	35.2	26.1	12.0
2 or more	44.0	—	76.7	43.6	15.6	14.3	—	93.8	40.4	10.8	4.3	92.9	83.3	50.2	39.8	19.7
1 or more	61.1	—	92.2	62.4	35.4	23.8	—	99.2	63.9	28.1	16.3	97.6	92.3	70.7	56.7	38.0
No low scores	38.9	—	7.8	37.6	64.6	76.2	—	0.8	36.1	71.9	83.7	2.4	7.7	29.3	43.3	62.0
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≤5th percentile																
20 low scores	0.1	—	—	—	—	—	1.6	—	—	—	—	—	—	0.4	—	—
19 or more	0.1	—	—	—	—	—	1.6	—	—	—	—	—	—	0.4	—	—
18 or more	0.1	—	—	—	—	—	1.6	—	—	—	—	—	—	0.4	—	—
17 or more	0.1	—	—	—	—	—	1.6	—	—	—	—	—	—	0.4	—	—
16 or more	0.1	—	—	—	—	—	1.6	—	—	—	—	—	—	0.4	—	—
15 or more	0.2	—	1.1	—	—	—	3.1	—	—	—	—	—	—	0.4	0.4	—
14 or more	0.3	—	2.2	—	—	—	4.7	—	—	—	—	—	—	0.7	0.4	—

(Continued)

TABLE eA2.2 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
13 or more	0.7	5.9	2.2	0.2	–	–	9.4	–	–	–	–	2.4	1.3	0.7	0.8	–
12 or more	0.9	5.9	4.4	0.2	–	–	12.5	–	–	–	–	2.4	1.3	1.1	1.1	–
11 or more	1.7	17.6	6.7	0.2	–	–	23.4	–	–	–	–	2.4	5.1	1.5	1.9	0.4
10 or more	1.9	17.6	7.8	0.2	–	–	25.0	0.8	–	–	–	4.8	5.1	1.8	1.9	0.4
9 or more	2.9	29.4	10.0	0.8	–	–	37.5	0.8	0.2	–	–	11.9	7.7	2.6	2.7	0.4
8 or more	3.9	35.3	14.4	1.5	–	–	46.9	3.1	0.2	–	–	16.7	11.5	3.7	3.1	0.4
7 or more	5.2	47.1	16.7	2.3	–	–	59.4	5.4	0.2	–	–	19.0	15.4	5.1	4.2	0.4
6 or more	6.2	58.8	17.8	2.5	–	–	68.8	7.0	0.2	–	–	26.2	17.9	5.5	5.4	0.4
5 or more	9.0	64.7	22.2	5.0	1.4	–	75.0	17.1	2.0	–	–	28.6	25.6	10.3	6.5	1.3
4 or more	11.7	64.7	30.0	7.3	1.4	–	85.9	22.5	4.1	–	–	33.3	34.6	13.6	8.4	1.7
3 or more	17.3	82.4	44.4	11.5	1.4	–	93.8	47.3	7.0	–	–	54.8	51.3	19.8	10.7	3.8
2 or more	26.5	100.0	60.0	21.1	6.1	4.8	98.4	69.0	15.9	5.0	2.2	81.0	62.8	29.3	20.3	8.1
1 or more	42.9	–	71.1	41.8	20.4	14.3	100.0	89.1	37.4	15.1	7.6	85.7	79.5	50.5	36.0	21.8
No low scores	57.1	–	28.9	58.2	79.6	85.7	–	10.9	62.6	84.9	92.4	14.3	20.5	49.5	64.0	78.2
≤2nd percentile																
20 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
18 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
17 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–

16 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	–	0.4	–	–
15 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	–	0.4	–	–
14 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	–	0.4	–	–
13 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	–	0.4	–	–
12 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	–	0.7	–	–
11 or more	0.3	–	2.2	–	–	–	4.7	–	–	–	–	–	–	–	0.7	0.4	–
10 or more	0.3	–	2.2	–	–	–	4.7	–	–	–	–	–	–	–	0.7	0.4	–
9 or more	0.3	–	2.2	–	–	–	4.7	–	–	–	–	–	–	–	0.7	0.4	–
8 or more	0.7	–	3.3	–	–	–	7.8	0.8	–	–	–	4.8	–	1.1	0.4	–	–
7 or more	1.1	11.8	3.3	0.2	–	–	14.1	0.8	–	–	–	4.8	1.3	1.5	1.1	–	–
6 or more	2.0	17.6	4.4	0.8	–	–	25.0	1.6	–	–	–	7.1	3.8	2.2	1.9	0.4	–
5 or more	3.0	29.4	6.7	1.0	–	–	35.98	2.3	0.2	–	–	11.9	10.3	2.9	1.9	.4	–
4 or more	4.5	47.1	10.0	1.9	0.7	–	43.8	6.2	0.7	–	–	14.3	12.8	5.5	3.1	.4	–
3 or more	7.4	58.8	18.9	4.0	0.7	–	62.5	13.2	1.7	–	–	23.8	25.6	8.1	5.0	.4	–
2 or more	13.7	76.5	27.8	9.8	4.1	4.8	82.8	28.7	5.0	4.3	2.2	33.3	37.2	15.8	11.5	2.6	–
1 or more	25.5	88.2	53.3	21.3	10.2	9.5	93.8	53.5	17.6	7.9	4.3	59.5	57.7	28.6	20.3	10.7	–
No low scores	74.5	11.8	46.7	78.7	89.8	90.5	6.3	46.5	82.4	92.1	95.7	40.5	42.3	71.4	79.7	89.3	–

Values represent cumulative percentage. There can be slight variations due to rounding.

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TABLE eA2.3 Base Rates of Low Age-Adjusted Core WAIS–IV/WMS–IV Older Adult Index Scores (Nine Indexes; FSIQ, VCI, PRI, WMI, PSI, AMI, VMI, IMI, DMI) in 65–90-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	493	11	30	170	34	14	33	60	197	49	27	64	65	172	94	98
≤25th percentile																
9 low scores	3.4	45.5	20.0	0.6	–	–	48.5	1.7	–	–	–	9.4	9.2	2.9	–	–
8 or more	4.7	45.5	30.0	2.4	–	–	54.5	8.3	–	–	–	15.6	9.2	4.1	–	–
7 or more	11.0	63.6	60.0	8.2	2.9	–	84.8	41.7	0.5	–	–	34.4	18.5	10.5	–	2.0
6 or more	15.8	90.9	70.0	15.3	2.9	–	93.9	63.3	3.6	–	–	50.0	24.6	14.0	3.2	3.1
5 or more	20.3	90.9	70.0	21.2	2.9	–	97.0	71.7	9.6	–	–	54.7	32.3	18.0	10.6	3.1
4 or more	26.0	90.9	80.0	27.6	8.8	–	100	88.3	16.2	–	–	64.1	40.0	22.7	16.0	7.1
3 or more	32.9	90.9	80.0	35.9	11.8	7.1	–	98.3	23.9	4.1	3.7	65.6	49.2	32.6	24.5	9.2
2 or more	41.4	90.9	83.3	42.4	20.6	14.3	–	100	35.0	8.2	3.7	75.0	55.4	42.4	29.8	19.4
1 or more	57.6	100	93.3	61.8	29.4	14.3	–	–	62.9	10.2	3.7	85.9	73.8	59.9	45.7	35.7
No low scores	42.4	–	6.7	38.2	70.6	85.7	–	–	37.1	89.8	96.3	14.1	26.2	40.1	54.3	64.3
≤16th percentile																
9 low scores	1.4	18.2	10.0	–	–	–	21.2	–	–	–	–	4.7	4.6	0.6	–	–
8 or more	2.4	36.4	13.3	–	–	–	36.4	–	–	–	–	6.3	6.2	2.3	–	–
7 or more	4.5	54.5	20.0	0.6	2.9	–	60.6	3.3	–	–	–	17.2	9.2	2.9	–	–
6 or more	6.3	63.6	30.0	2.9	2.9	–	69.7	11.7	–	–	–	23.4	12.3	4.7	–	–
5 or more	11.6	81.8	50.0	8.2	2.9	–	93.9	31.7	3.0	–	–	39.1	21.5	9.3	1.1	1.0

4 or more	16.4	90.9	66.7	13.5	5.9	–	100	56.7	5.6	–	–	50.0	24.6	15.7	3.2	3.1
3 or more	22.1	90.9	73.3	20.6	8.8	–	–	70.0	11.7	2.0	3.7	56.3	32.3	20.9	9.6	7.1
2 or more	28.0	90.9	76.7	25.3	14.7	7.1	–	81.7	16.8	4.1	3.7	57.8	40.0	26.7	20.2	10.2
1 or more	42.2	100	90.0	44.1	17.6	14.3	–	96.7	39.1	8.2	3.7	75.0	53.8	43.0	31.9	21.4
No low scores	57.8	–	10.0	55.9	82.4	85.7	–	3.3	60.9	91.8	96.3	25.0	46.2	57.0	68.1	78.6
≤9th percentile																
9 low scores	0.4	9.1	3.3	–	–	–	6.1	–	–	–	–	1.6	–	0.6	–	–
8 or more	0.8	18.2	3.3	–	–	–	12.1	–	–	–	–	3.1	–	1.2	–	–
7 or more	2.0	27.3	10.0	–	–	–	30.3	–	–	–	–	6.3	4.6	1.7	–	–
6 or more	2.6	36.4	13.3	–	–	–	39.4	–	–	–	–	9.4	6.2	1.7	–	–
5 or more	4.9	72.7	20.0	1.2	2.9	–	60.6	5.0	–	–	–	17.2	10.8	3.5	–	–
4 or more	7.7	72.7	33.3	4.1	5.9	–	72.7	15.0	2.0	–	–	26.6	13.8	5.8	–	2.0
3 or more	11.2	81.8	43.3	7.1	5.9	–	90.9	25.0	3.0	–	3.7	34.4	18.5	10.5	1.1	2.0
2 or more	16.6	90.9	60.0	12.9	5.9	7.1	100	46.7	7.6	2.0	3.7	43.8	26.2	16.9	4.3	4.1
1 or more	27.4	90.9	63.3	25.3	14.7	7.1	–	70.0	18.8	4.1	3.7	53.1	38.5	27.3	18.1	12.2
No low scores	72.6	9.1	36.7	74.7	85.3	92.9	–	30.0	81.2	95.9	96.3	46.9	61.5	72.7	81.9	87.8
≤5th percentile																
9 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	0.4	9.1	3.3	–	–	–	6.1	–	–	–	–	1.6	–	0.6	–	–
7 or more	1.2	18.2	6.7	–	–	–	18.2	–	–	–	–	3.1	3.1	1.2	–	–
6 or more	1.6	36.4	6.7	–	–	–	24.2	–	–	–	–	4.7	3.1	1.7	–	–

(Continued)

TABLE eA2.3 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
5 or more	2.6	54.5	6.7	–	–	–	36.4	–	–	–	–	10.9	4.6	1.7	–	–
4 or more	4.1	63.6	20.0	0.6	–	–	54.5	1.7	–	–	–	17.2	9.2	1.7	–	–
3 or more	6.3	72.7	26.7	1.8	5.9	–	60.6	10.0	2.0	–	–	23.4	9.2	4.1	1.1	2.0
2 or more	9.9	81.8	36.7	5.9	5.9	7.1	81.8	18.3	3.0	2.0	3.7	28.1	16.9	8.7	2.1	3.1
1 or more	18.1	90.9	53.3	15.3	8.8	7.1	97.0	46.7	8.6	2.0	3.7	43.8	27.7	18.0	6.4	6.1
No low scores	81.9	9.1	46.7	84.7	91.2	92.9	3.0	53.3	91.4	98.0	96.3	56.3	72.3	82.0	93.6	93.9
≤2nd percentile																
9 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	0.2	–	3.3	–	–	–	3.0	–	–	–	–	–	–	0.6	–	–
6 or more	0.2	–	3.3	–	–	–	3.0	–	–	–	–	–	–	0.6	–	–
5 or more	1.0	18.2	3.3	–	–	–	12.1	–	–	–	–	4.7	1.5	0.6	–	–
4 or more	1.4	27.3	3.3	–	–	–	18.2	–	–	–	–	6.3	3.1	0.6	–	–
3 or more	2.6	45.5	13.3	–	–	–	36.4	–	–	–	–	10.9	7.7	0.6	–	–
2 or more	4.3	54.5	20.0	0.6	5.9	–	48.5	3.3	0.5	–	–	14.1	7.7	3.5	–	1.0
1 or more	7.9	81.8	30.0	2.9	5.9	–	66.7	16.7	1.0	–	3.7	21.9	13.8	7.0	1.1	3.1
No low scores	92.1	18.2	70.0	97.1	94.1	100.0	33.3	83.3	99.0	100	96.3	78.1	86.2	93.0	98.9	96.9

Values represent cumulative percentage. There can be slight variations due to rounding.

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TABLE eA2.4 Base Rates of Low Age-Adjusted Core WAIS–IV/WMS–IV Older Adult Subtest Scores (17 Subtests; VC, IN, SIM, MR, BD, VP, DS, AR, CD, SS, LM I & II , VR I & II, VPA I & II, SY) in 65–90-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	493	11	30	170	34	14	33	60	197	49	27	64	65	172	94	98
≤25th percentile																
17 low scores	0.6	9.1	6.7	–	–	–	9.1	–	–	–	–	1.6	1.5	0.6	–	–
16 or more	2.2	36.4	10.0	0.6	–	–	33.3	–	–	–	–	7.8	4.6	1.7	–	–
15 or more	3.4	54.5	13.3	0.6	–	–	48.5	–	–	–	–	12.5	7.7	2.3	–	–
14 or more	5.3	63.6	33.3	0.6	–	–	63.6	5.0	0.5	–	–	21.9	7.7	4.1	–	–
13 or more	8.1	72.7	43.3	3.5	2.9	–	78.8	18.3	1.0	–	–	31.3	12.3	6.4	–	1.0
12 or more	11.2	81.8	53.3	5.9	2.9	–	93.9	31.7	1.5	–	–	39.1	18.5	8.7	1.1	2.0
11 or more	13.2	90.9	60.0	8.2	2.9	–	93.9	45.0	2.0	–	–	48.4	20.0	10.5	1.1	2.0
10 or more	18.5	90.9	66.7	15.9	2.9	–	97.0	65.0	5.6	–	–	50.0	29.2	18.6	6.4	2.0
9 or more	22.3	90.9	73.3	20.6	2.9	–	100.0	73.3	8.6	–	–	53.1	38.5	22.1	9.6	4.1
8 or more	25.8	90.9	80.0	26.5	8.8	–	–	83.3	13.7	–	–	62.5	38.5	24.4	16.0	5.1
7 or more	30.6	90.9	80.0	32.9	11.8	7.1	–	90.0	20.8	2.0	–	70.3	44.6	30.8	18.1	7.1
6 or more	37.1	100.0	83.3	39.4	14.7	7.1	–	95.0	29.9	4.1	–	76.6	52.3	37.2	26.6	11.2
5 or more	44.4	–	83.3	47.1	20.6	7.1	–	100.0	41.6	4.1	3.7	82.8	60.0	44.8	35.1	17.3
4 or more	53.1	–	90.0	57.6	26.5	21.4	–	–	55.8	12.2	3.7	87.5	69.2	53.5	44.7	27.6
3 or more	62.9	–	96.7	69.4	35.3	21.4	–	–	70.6	20.4	3.7	90.6	80.0	63.4	57.4	37.8

(Continued)

TABLE eA2.4 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
2 or more	76.1	–	96.7	82.4	50.0	42.9	–	–	86.3	46.9	11.1	96.9	89.2	78.5	69.1	56.1
1 or more	87.2	–	100.0	89.4	70.6	71.4	–	–	96.4	67.3	25.9	96.9	93.8	88.4	84.0	77.6
No low scores	12.8	–	–	10.6	29.4	28.6	–	–	3.6	32.7	74.1	3.1	6.2	11.6	16.0	22.4
≤16th percentile																
17 low scores	0.2	9.1	–	–	–	–	3.0	–	–	–	–	1.6	–	–	–	–
16 or more	0.4	9.1	3.3	–	–	–	6.1	–	–	–	–	1.6	–	0.6	–	–
15 or more	1.0	18.2	3.3	–	–	–	12.1	–	–	–	–	4.7	1.5	0.6	–	–
14 or more	2.4	45.5	10.0	0.6	–	–	33.3	–	–	–	–	7.8	7.7	1.2	–	–
13 or more	3.0	54.5	10.0	0.6	–	–	42.4	–	–	–	–	10.9	7.7	1.7	–	–
12 or more	4.1	63.6	20.0	0.6	–	–	57.6	–	–	–	–	15.6	10.8	1.7	–	–
11 or more	5.7	81.8	26.7	1.8	2.9	–	66.7	8.3	–	–	–	20.3	12.3	4.1	–	–
10 or more	7.5	81.8	36.7	2.4	2.9	–	81.8	15.0	–	–	–	28.1	12.3	5.8	–	1.0
9 or more	9.9	81.8	46.7	5.3	2.9	–	90.9	26.7	–	–	–	32.8	18.5	8.7	–	1.0
8 or more	13.2	81.8	60.0	8.8	2.9	–	97.0	45.0	1.5	–	–	42.2	23.1	11.0	1.1	3.1
7 or more	17.4	90.9	70.0	13.5	2.9	–	100	58.3	5.6	–	–	51.6	29.2	15.1	5.3	3.1
6 or more	22.3	90.9	76.7	20.0	5.9	–	–	76.7	9.6	–	–	56.3	36.9	20.9	10.6	4.1
5 or more	26.6	90.9	80.0	27.6	8.8	7.1	–	83.3	16.2	2.0	–	64.1	40.0	26.2	13.8	6.1
4 or more	32.5	90.9	80.0	32.9	8.8	7.1	–	91.7	21.8	4.1	–	67.2	47.7	34.9	18.1	9.2

3 or more	42.4	90.9	86.7	42.4	20.6	7.1	–	100.0	36.0	4.1	3.7	81.3	60.0	44.2	26.6	17.3
2 or more	55.4	100.0	93.3	57.6	32.4	21.4	–	–	57.9	14.3	7.4	89.1	70.8	58.1	43.6	29.6
1 or more	72.8	–	96.7	78.8	44.1	28.6	–	–	83.8	30.6	14.8	93.8	81.5	77.9	66.0	51.0
No low scores	27.2	–	3.3	21.2	55.9	71.4	–	–	16.2	69.4	85.2	6.3	18.5	22.1	34.0	49.0
≤9th percentile																
17 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15 or more	0.2	–	3.3	–	–	–	3.0	–	–	–	–	–	–	0.6	–	–
14 or more	0.2	–	3.3	–	–	–	3.0	–	–	–	–	–	–	0.6	–	–
13 or more	0.8	18.2	3.3	–	–	–	9.1	–	–	–	–	3.1	–	1.2	–	–
12 or more	1.6	36.4	3.3	–	–	–	21.2	–	–	–	–	4.7	3.1	1.7	–	–
11 or more	2.6	45.5	13.3	–	–	–	36.4	–	–	–	–	7.8	7.7	1.7	–	–
10 or more	3.2	63.6	13.3	–	–	–	45.5	–	–	–	–	12.5	7.7	1.7	–	–
9 or more	3.9	72.7	16.7	–	–	–	54.5	–	–	–	–	15.6	9.2	1.7	–	–
8 or more	6.1	72.7	26.7	2.4	2.9	–	66.7	10.0	–	–	–	20.3	12.3	5.2	–	–
7 or more	7.9	81.8	43.3	3.5	2.9	–	78.8	16.7	–	–	–	26.6	16.9	6.4	–	–
6 or more	9.7	90.9	46.7	4.7	2.9	–	87.9	25.0	.5	–	–	34.4	18.5	8.1	–	–
5 or more	13.2	90.9	56.7	10.6	5.9	–	93.9	41.7	3.0	–	–	42.2	23.1	12.2	–	2.0
4 or more	18.7	90.9	66.7	14.7	5.9	–	100.0	60.0	6.6	–	–	45.3	30.8	19.2	6.4	4.1
3 or more	26.8	90.9	76.7	25.3	8.8	7.1	–	76.7	16.2	2.0	3.7	57.8	38.5	29.1	12.8	8.2

(Continued)

TABLE eA2.4 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
2 or more	36.3	90.9	80.0	33.5	17.6	14.3	–	83.3	28.9	6.1	3.7	64.1	52.3	39.5	19.1	18.4
1 or more	56.8	100.0	86.7	61.2	23.5	21.4	–	96.7	60.4	12.2	3.7	85.9	69.2	61.0	46.8	31.6
No low scores	43.2	–	13.3	38.8	76.5	78.6	–	3.3	39.6	87.8	96.3	14.1	30.8	39.0	53.2	68.4
≤5th percentile																
17 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13 or more	0.2	–	3.3	–	–	–	3.0	–	–	–	–	–	–	0.6	–	–
12 or more	0.4	9.1	3.3	–	–	–	6.1	–	–	–	–	1.6	–	0.6	–	–
11 or more	0.4	9.1	3.3	–	–	–	6.1	–	–	–	–	1.6	–	0.6	–	–
10 or more	0.8	9.1	3.3	–	–	–	9.1	–	–	–	–	4.7	–	0.6	–	–
9 or more	1.6	36.4	3.3	–	–	–	21.2	–	–	–	–	6.3	3.1	1.2	–	–
8 or more	1.8	45.5	3.3	–	–	–	24.2	–	–	–	–	7.8	3.1	1.2	–	–
7 or more	3.4	63.6	13.3	–	2.9	–	45.5	1.7	–	–	–	14.1	6.2	2.3	–	–
6 or more	4.7	72.7	23.3	–	2.9	–	57.6	5.0	–	–	–	18.8	7.7	3.5	–	–
5 or more	5.9	72.7	33.3	1.2	2.9	–	63.6	11.7	–	–	–	23.4	12.3	3.5	–	–
4 or more	7.9	90.9	33.3	3.5	5.9	–	75.8	20.0	0.5	–	–	29.7	13.8	5.8	–	1.0

3 or more	12.8	90.9	53.3	7.6	5.9	7.1	90.9	36.7	3.0	2.0	3.7	42.2	21.5	9.9	2.1	3.1
2 or more	19.7	90.9	63.3	15.9	5.9	7.1	100.0	55.0	9.6	2.0	3.7	48.4	35.4	16.3	8.5	7.1
1 or more	36.5	90.9	76.7	34.7	17.6	14.3	—	80.0	28.9	6.1	3.7	68.8	49.2	35.5	21.3	23.5
No low scores	63.5	9.1	23.3	65.3	82.4	85.7	—	20.0	71.1	93.9	96.3	31.3	50.8	64.5	78.7	76.5

≤2nd percentile

17 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11 or more	0.2	9.1	—	—	—	—	3.0	—	—	—	—	1.6	—	—	—	—
10 or more	0.2	9.1	—	—	—	—	3.0	—	—	—	—	1.6	—	—	—	—
9 or more	0.2	9.1	—	—	—	—	3.0	—	—	—	—	1.6	—	—	—	—
8 or more	0.2	9.1	—	—	—	—	3.0	—	—	—	—	1.6	—	—	—	—
7 or more	0.6	18.2	3.3	—	—	—	9.1	—	—	—	—	3.1	—	0.6	—	—
6 or more	1.8	36.4	3.3	—	—	—	24.2	—	—	—	—	7.8	4.6	0.6	—	—
5 or more	2.6	45.5	10.0	—	—	—	36.4	—	—	—	—	12.5	6.2	0.6	—	—
4 or more	4.1	54.5	20.0	1.8	—	—	48.5	5.0	—	—	—	15.6	10.8	1.7	—	—

(Continued)

TABLE eA2.4 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
3 or more	6.5	81.8	26.7	2.4	5.9	–	63.6	11.7	0.5	–	3.7	21.9	15.4	4.1	–	1.0
2 or more	12.4	90.9	46.7	7.6	5.9	7.1	81.8	33.3	3.0	2.0	3.7	39.1	20.0	8.1	4.3	5.1
1 or more	22.5	90.9	60.0	18.8	8.8	7.1	93.9	58.3	13.2	2.0	3.7	56.3	29.2	18.6	10.6	14.3
No low scores	77.5	9.1	40.0	81.2	91.2	92.9	6.1	41.7	86.8	98.0	96.3	43.8	70.8	81.4	89.4	85.7

Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.5 Base Rates of Low Age-Adjusted Short-Form WAIS–IV/WMS–IV Index Scores (Six Indexes; VCI, PRI, AMI, VMI, IMI, DMI) in 16–90-Year-Olds: WASI + LM + VR

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	1381	28	120	649	181	35	97	189	657	188	119	106	143	445	355	332
≤25th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	5.0	39.3	18.3	2.0	–	–	45.4	11.6	0.2	–	–	16.0	13.3	6.1	1.4	0.3
5 or more	9.7	53.6	32.5	5.4	2.2	–	67.0	21.7	3.3	–	–	27.4	23.8	10.6	5.6	1.2
4 or more	17.7	78.6	45.8	14.5	3.9	–	84.5	42.3	10.7	0.5	0.8	42.5	36.4	19.1	14.4	3.6
3 or more	24.9	82.1	51.7	24.3	4.4	2.9	91.8	59.3	17.8	2.7	1.7	57.5	46.9	27.2	20.0	7.2
2 or more	35.5	92.9	67.5	33.7	12.7	5.7	97.9	78.3	28.9	7.4	4.2	74.5	59.4	38.4	28.7	16.0
1 or more	53.8	100.0	94.2	53.2	28.7	8.6	100.0	95.2	54.8	17.6	7.6	88.7	77.6	62.0	47.3	28.3
No low scores	46.2	–	5.8	46.8	71.3	91.4	–	4.8	45.2	82.4	92.4	11.3	22.4	38.0	52.7	71.7
≤16th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(Continued)

TABLE eA2.5 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	2.0	25.0	7.5	0.3	–	–	26.8	0.5	–	–	–	5.7	4.9	2.5	0.8	0.3
5 or more	4.9	46.4	18.3	2.3	0.6	–	50.5	9.0	0.2	–	–	17.0	12.6	5.2	2.3	0.3
4 or more	9.2	57.1	27.5	6.3	2.2	–	64.9	20.1	3.3	0.5	–	24.5	23.1	8.5	6.8	1.8
3 or more	15.6	71.4	40.0	12.5	2.8	–	77.3	36.5	9.1	0.5	0.8	35.8	33.6	17.3	12.1	2.7
2 or more	23.3	82.1	51.7	21.6	5.5	–	88.7	53.4	16.3	3.2	0.8	48.1	46.9	25.6	18.0	7.6
1 or more	38.5	96.4	78.3	36.7	13.8	5.7	99.0	86.2	32.7	8.5	3.4	78.3	65.7	43.1	30.7	16.3
No low scores	61.5	3.6	21.7	63.3	86.2	94.3	1.0	13.8	67.3	91.5	96.6	21.7	34.3	56.9	69.3	83.7
≤9th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	0.7	10.7	1.7	–	–	–	8.2	–	–	–	–	1.9	2.1	0.7	0.3	–
5 or more	1.8	25.0	4.2	0.5	0.6	–	20.6	2.1	–	–	–	6.6	4.9	1.6	0.8	0.3
4 or more	4.5	39.3	15.8	2.2	1.1	–	40.2	7.4	1.1	0.5	–	16.0	7.7	4.7	2.8	0.9

3 or more	8.5	50.0	25.0	6.0	2.2	—	58.8	17.5	3.5	0.5	—	29.2	18.9	8.1	5.1	1.5
2 or more	13.1	67.9	31.7	10.0	3.3	—	76.3	27.5	6.5	1.6	0.8	31.1	28.7	15.1	8.7	2.7
1 or more	23.5	92.9	51.7	20.2	6.1	2.9	94.8	55.6	15.1	3.7	1.7	56.6	48.3	24.9	16.1	8.4
No low scores	76.5	7.1	48.3	79.8	93.9	97.1	5.2	44.4	84.9	96.3	98.3	43.4	51.7	75.1	83.9	91.6

≤5th percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6 or more	0.4	7.1	0.8	—	—	—	4.1	—	—	—	—	1.9	0.7	0.2	0.3	—
5 or more	1.2	14.3	1.7	0.5	0.6	—	11.3	2.1	—	—	—	6.6	2.8	0.9	0.3	—
4 or more	2.7	32.1	7.5	1.1	0.6	—	27.8	3.2	0.5	—	—	9.4	6.3	2.7	1.4	0.3
3 or more	4.5	42.9	13.3	2.5	1.1	—	41.2	5.8	1.4	0.5	—	18.9	7.7	4.3	2.8	0.6
2 or more	8.9	60.7	25.8	5.9	2.8	—	61.9	17.5	3.8	1.1	—	27.4	18.9	8.5	6.2	2.1
1 or more	17.7	78.6	40.8	14.6	5.0	—	87.6	39.7	9.7	2.1	1.7	44.3	39.9	18.7	11.5	5.1
No low scores	82.3	21.4	59.2	85.4	95.0	100.0	12.4	60.3	90.3	97.9	98.3	55.7	60.1	81.3	88.5	94.9

≤2nd percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(Continued)

TABLE eA2.5 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
6 or more	0.1	–	–	–	–	–	1.0	–	–	–	–	0.9	–	0.2	–	
5 or more	0.4	3.6	0.8	–	–	–	3.1	0.5	–	–	–	2.8	–	0.4	–	
4 or more	1.0	10.7	3.3	0.5	–	–	9.3	1.1	0.3	–	–	4.7	1.4	0.9	0.8	
3 or more	1.7	25.0	4.2	0.6	0.6	–	16.5	2.6	0.3	–	–	5.7	4.2	1.8	1.1	
2 or more	3.5	32.1	9.2	1.8	2.2	–	32.0	3.2	1.4	1.1	–	10.4	7.0	3.4	2.8	
1 or more	8.8	53.6	24.2	5.5	4.4	–	63.9	14.3	3.7	1.6	1.7	24.5	21.7	8.3	5.4	
No low scores	91.2	46.4	75.8	94.5	95.6	100.0	36.1	85.7	96.3	98.4	98.3	75.5	78.3	91.7	94.6	

Notes: Values represent cumulative percentage. There can be slight variations due to rounding. IMI, DMI, AMI, and VMI derived from LM I & II and VR I & II based on WMS-IV Flex normative data.

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TABLE eA2.6 Base Rates of Low Age-Adjusted Short-Form WAIS–IV/WMS–IV Subtest Scores (8 Subtests: VC, SIM, MR, BD, LM I & II, VR I & II) in 16–90-Year-Olds: WASI + LM + VR

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	1381	28	120	649	181	35	97	189	657	188	119	106	143	445	355	332
≤25th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	3.1	25.0	11.7	0.9	–	–	35.1	3.7	0.2	–	–	10.4	9.1	3.4	0.8	0.3
7 or more	6.5	53.6	22.5	3.1	–	–	60.8	13.8	0.3	–	–	23.6	14.7	7.9	2.3	0.3
6 or more	11.5	67.9	34.2	6.6	2.2	–	77.3	29.6	2.9	–	–	34.0	24.5	13.0	6.8	1.8
5 or more	18.7	85.7	48.3	13.9	2.8	–	92.8	50.8	8.2	–	–	50.0	39.2	20.0	13.2	3.9
4 or more	27.1	92.9	65.0	23.0	5.0	–	97.9	74.6	16.7	0.5	–	65.1	51.0	30.8	20.8	6.3
3 or more	38.5	100.0	74.2	36.8	10.5	2.9	99.0	87.3	32.7	4.3	1.7	83.0	62.9	43.6	32.1	13.6
2 or more	55.5	–	90.8	57.5	27.6	8.6	100.0	96.3	58.6	17.6	5.9	91.5	79.0	64.7	48.5	29.2
1 or more	72.9	–	97.5	75.5	51.4	20.0	–	98.9	82.0	37.8	19.3	96.2	90.9	80.7	70.1	50.3
No low scores	27.1	–	2.5	24.5	48.6	80.0	–	1.1	18.0	62.2	80.7	3.8	9.1	19.3	29.9	49.7
≤16th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(Continued)

TABLE eA2.6 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	1.3	21.4	3.3	0.2	–	–	17.5	–	–	–	–	4.7	3.5	1.1	0.6	0.3
7 or more	3.3	39.3	10.8	1.2	–	–	36.1	4.8	–	–	–	10.4	8.4	3.8	1.1	0.3
6 or more	5.8	50.0	20.0	2.6	.6	–	58.8	11.6	–	–	–	19.8	14.0	6.5	2.5	0.3
5 or more	9.5	67.9	32.5	5.2	1.1	–	74.2	22.2	1.8	–	–	29.2	21.7	10.6	5.4	0.9
4 or more	15.3	75.0	45.0	11.1	2.2	–	88.7	38.1	6.5	0.5	–	37.7	35.0	16.0	11.3	3.0
3 or more	24.6	89.3	60.8	20.8	3.9	–	95.9	67.7	14.6	1.6	–	64.2	48.3	27.2	17.2	6.3
2 or more	38.7	96.4	78.3	37.8	13.8	2.9	100.0	86.8	33.3	7.4	3.4	81.1	63.6	43.6	32.7	14.5
1 or more	57.6	100.0	95.0	59.3	30.9	8.6	–	96.3	61.8	18.1	9.2	91.5	81.1	66.7	50.7	31.5
No low scores	42.4	–	5.0	40.7	69.1	91.4	–	3.7	38.2	81.9	90.8	8.5	18.9	33.3	49.3	68.4
≤9th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	0.4	3.6	0.8	–	–	–	4.1	–	–	–	–	1.9	–	0.4	0.3	–
7 or more	0.9	14.3	2.5	0.2	–	–	12.4	–	–	–	–	3.8	2.1	0.7	0.8	–
6 or more	2.3	35.7	6.7	0.3	0.6	–	28.9	1.6	–	–	–	6.6	5.6	3.1	0.8	–
5 or more	5.0	50.0	19.2	1.8	0.6	–	53.6	7.4	0.3	–	–	16.0	13.3	4.9	2.5	0.6
4 or more	7.7	64.3	28.3	4.9	0.6	–	70.1	14.8	1.2	0.5	–	23.6	18.9	8.5	3.9	0.9

3 or more	14.2	78.6	39.2	11.1	2.8	—	84.5	36.0	5.3	1.1	—	43.4	32.9	13.9	8.2	3.6
2 or more	23.3	92.9	57.5	19.6	5.5	—	93.8	59.8	14.9	1.6	1.7	57.5	49.0	24.3	16.3	7.5
1 or more	41.4	96.4	82.5	40.7	17.1	5.7	96.9	85.7	37.4	9.0	5.9	79.2	66.4	48.5	32.1	19.0
No low scores	58.6	3.6	17.5	59.3	82.9	94.3	3.1	14.3	62.6	91.0	94.1	20.8	33.6	51.5	67.9	81.0

≤5th percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 or more	0.1	—	—	—	—	—	1.0	—	—	—	—	—	—	0.2	—	—
7 or more	0.4	3.6	2.5	—	—	—	5.2	—	—	—	—	1.9	—	0.4	0.6	—
6 or more	0.7	7.1	2.5	—	—	—	7.2	0.5	—	—	—	2.8	1.4	0.4	0.6	—
5 or more	1.6	21.4	5.8	0.2	0.6	—	18.6	1.6	—	—	—	6.6	2.8	1.8	0.8	—
4 or more	3.7	42.9	12.5	1.4	0.6	—	42.3	3.2	0.5	—	—	12.3	9.8	2.9	2.5	0.6
3 or more	6.4	57.1	20.0	3.5	1.1	—	60.8	10.1	1.4	—	—	18.9	16.1	6.1	4.2	0.9
2 or more	12.8	75.0	35.8	8.8	2.2	—	79.4	28.6	5.6	0.5	1.7	39.6	29.4	12.1	7.3	3.9
1 or more	26.4	89.3	54.2	23.6	8.8	2.9	92.8	60.3	18.6	5.3	2.5	59.4	52.4	29.2	16.9	11.1
No low scores	73.6	10.7	45.8	76.4	91.2	97.1	7.2	39.7	81.4	94.7	97.5	40.6	47.6	70.8	83.1	88.9

≤2nd percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(Continued)

TABLE eA2.6 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	0.1	–	–	–	–	–	1.0	–	–	–	–	–	–	0.2	–	–
7 or more	0.1	–	0.8	–	–	–	2.1	–	–	–	–	–	–	0.2	0.3	–
6 or more	0.2	3.6	0.8	–	–	–	3.1	–	–	–	–	0.9	–	0.2	0.3	–
5 or more	0.4	3.6	1.7	–	–	–	4.1	0.5	–	–	–	2.8	–	0.4	0.3	–
4 or more	1.2	17.9	4.2	0.5	–	–	13.4	1.6	–	–	–	4.7	1.4	1.6	0.8	–
3 or more	2.9	35.7	7.5	0.9	0.6	–	30.9	3.2	0.5	–	–	11.3	6.3	3.1	1.4	–
2 or more	6.4	50.0	19.2	2.9	1.7	–	55.7	8.5	1.8	0.5	1.7	20.8	16.8	6.1	3.4	1.2
1 or more	15.0	75.0	34.2	11.6	5.0	–	78.4	32.3	7.8	2.7	1.7	39.6	31.5	15.1	10.1	5.1
No low scores	85.0	25.0	65.8	88.4	95.0	100.0	21.6	67.7	92.2	97.3	98.3	60.4	68.5	84.9	89.9	94.9

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.7 Base Rates of Low Age-Adjusted Short-Form WAIS–IV/WMS–IV Index Scores (Six Indexes; VCI, PRI, AMI, VMI, IMI, DMI) in 16–69-Year-Olds: WASI + LM + DE

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	888	17	90	479	147	21	64	129	460	139	92	42	78	273	261	234
≤25th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	4.4	29.4	12.2	1.9	–	–	40.6	10.1	–	–	–	9.5	19.2	4.8	2.3	0.4
5 or more	9.6	52.9	25.6	6.5	1.4	–	62.5	25.6	2.6	–	–	23.8	32.1	10.3	6.5	2.1
4 or more	17.5	70.6	35.6	15.0	3.4	–	75.0	44.2	10.4	0.7	1.1	50.0	41.0	19.4	13.8	5.6
3 or more	25.3	82.4	52.2	21.5	6.8	4.8	89.1	58.1	17.8	6.5	2.2	66.7	52.6	28.9	21.5	9.0
2 or more	37.6	94.1	67.8	35.3	16.3	9.5	98.4	76.7	32.4	12.9	5.4	76.2	70.5	41.4	33.3	20.1
1 or more	57.1	100.0	92.2	55.7	34.7	9.5	100.0	95.3	58.5	27.3	12.0	97.6	87.2	66.7	52.9	33.3
No low scores	42.9	–	7.8	44.3	65.3	90.5	–	4.7	41.5	72.7	88.0	2.4	12.8	33.3	47.1	66.7
≤16th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(Continued)

TABLE eA2.7 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
6 or more	1.6	17.6	5.6	0.2	–	–	20.3	0.8	–	–	–	2.4	6.4	1.8	0.8	0.4
5 or more	4.5	47.1	10.0	2.9	–	–	40.6	10.1	0.2	–	–	7.1	15.4	5.1	3.8	0.4
4 or more	9.2	52.9	20.0	6.9	0.7	–	57.8	21.7	3.5	–	1.1	23.8	32.1	8.4	6.9	2.6
3 or more	15.3	64.7	31.1	13.4	1.4	4.8	70.3	36.4	8.5	2.2	2.2	35.7	42.3	15.4	13.0	5.1
2 or more	24.3	82.4	48.9	20.5	8.8	4.8	92.2	51.2	16.7	7.9	3.3	57.1	55.1	25.6	19.5	12.0
1 or more	39.2	94.1	72.2	36.7	16.3	4.8	100.0	82.2	33.5	12.9	5.4	85.7	73.1	46.2	31.0	20.5
No low scores	60.8	5.9	27.8	63.3	83.7	95.2	–	17.8	66.5	87.1	94.6	14.3	26.9	53.8	69.0	79.5
≤9th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	0.3	–	1.1	0.2	–	–	4.7	–	–	–	–	–	1.3	0.4	0.4	–
5 or more	1.8	17.6	4.4	1.0	–	–	20.3	2.3	–	–	–	2.4	9.0	1.5	1.1	0.4
4 or more	4.7	41.2	10.0	3.1	0.7	–	37.5	7.8	1.7	–	–	7.1	20.5	4.8	3.1	0.9

3 or more	8.3	58.8	16.7	6.3	0.7	—	53.1	16.3	3.9	0.7	—	16.7	23.1	9.5	7.3	1.7
2 or more	12.6	58.8	24.4	9.4	3.4	4.8	70.3	24.8	6.5	2.9	1.1	31.0	37.2	12.5	10.3	3.8
1 or more	23.4	82.4	48.9	19.2	8.8	4.8	95.3	50.4	15.2	5.8	3.3	66.7	56.4	25.3	16.9	9.8
No low scores	76.6	17.6	51.1	80.8	91.2	95.2	4.7	49.6	84.8	94.2	96.7	33.3	43.6	74.7	83.1	90.2

≤5th percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6 or more	0.3	—	1.1	0.2	—	—	4.7	—	—	—	—	—	1.3	0.4	0.4	—
5 or more	0.9	5.9	3.3	0.4	—	—	12.5	—	—	—	—	2.4	3.8	0.4	1.1	—
4 or more	2.5	23.5	4.4	1.7	—	—	21.9	3.9	0.7	—	—	2.4	12.8	2.9	1.1	—
3 or more	5.0	35.3	8.9	3.5	0.7	—	34.4	8.5	2.4	—	—	7.1	19.2	4.4	4.6	0.9
2 or more	9.5	58.8	16.7	6.7	2.7	4.8	53.1	17.8	5.0	2.2	1.1	23.8	28.2	9.2	7.7	3.0
1 or more	17.9	64.7	36.7	14.0	6.1	4.8	87.5	36.4	10.0	4.3	3.3	52.4	46.2	17.6	13.8	7.3
No low scores	82.1	35.3	63.3	86.0	93.9	95.2	12.5	63.6	90.0	95.7	96.7	47.6	53.8	82.4	86.2	92.7

≤2nd percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(Continued)

TABLE eA2.7 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
5 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
4 or more	0.6	–	2.2	0.4	–	–	4.7	1.6	–	–	–	–	–	1.1	0.8	–
3 or more	1.6	11.8	4.4	0.6	–	–	10.9	3.1	0.7	–	–	4.8	1.3	2.6	1.5	–
2 or more	3.2	11.8	8.9	2.1	–	4.8	20.3	6.2	1.3	–	1.1	4.8	10.3	3.3	3.1	0.4
1 or more	9.2	47.1	18.9	6.1	4.1	4.8	57.8	13.2	4.3	3.6	2.2	21.4	30.8	9.5	6.5	2.6
No low scores	90.8	52.9	81.1	93.9	95.9	95.2	42.2	86.8	95.7	96.4	97.8	78.6	69.2	90.5	93.5	97.4

Notes: Values represent cumulative percentage. There can be slight variations due to rounding. IMI, DMI, AMI, and VMI derived from LM I & II and DE I & II based on WMS-IV Flex normative data.

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TABLE eA2.8 Base Rates of Low Age-Adjusted Short-Form WAIS–IV/WMS–IV Subtest Scores (Eight Subtests; VC, SIM, MR, BD, LM I & II, DE I & II) in 16–69-Year-Olds: WASI + LM + DE

Number of Low Scores	Total Sample	TOFF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	888	17	90	479	147	21	64	129	460	139	92	42	78	273	261	234
≤25th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	3.0	17.6	10.0	0.8	–	–	34.4	3.9	–	–	–	4.8	15.4	2.6	1.9	0.4
7 or more	5.9	58.8	15.6	2.9	–	–	56.3	12.4	–	–	–	14.3	21.8	7.3	3.1	0.4
6 or more	10.8	70.6	28.9	6.5	1.4	–	73.4	30.2	2.2	–	–	31.0	30.8	11.0	8.8	2.6
5 or more	18.2	82.4	43.3	13.6	2.7	–	90.6	52.7	7.8	–	–	57.1	39.7	21.2	14.6	4.7
4 or more	27.4	100.0	64.4	22.1	3.4	–	98.4	76.7	17.4	–	1.1	73.8	60.3	31.9	22.6	8.1
3 or more	39.8	–	76.7	37.2	10.9	–	100.0	87.6	35.7	5.8	2.2	88.1	75.6	46.9	35.6	15.4
2 or more	58.1	–	92.2	58.2	33.3	9.5	–	96.1	61.5	24.5	9.8	97.6	89.7	66.3	52.9	36.8
1 or more	76.8	–	98.9	80.0	56.5	28.6	–	100.0	84.6	49.6	31.5	100.0	94.9	85.7	74.3	59.0
No low scores	23.2	–	1.1	20.0	43.5	71.4	–	–	15.4	50.4	68.5	–	5.1	14.3	25.7	41.0
≤16th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(Continued)

TABLE eA2.8 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	1.4	17.6	4.4	0.4	–	–	17.2	0.8	–	–	–	2.4	6.4	1.5	0.4	0.4
7 or more	3.6	41.2	8.9	1.5	–	–	39.1	5.4	–	–	–	9.5	12.8	4.0	2.3	0.4
6 or more	6.0	52.9	16.7	2.3	–	–	56.3	10.9	0.7	–	–	16.7	21.8	6.6	3.8	0.4
5 or more	9.9	64.7	30.0	5.4	0.7	–	73.4	24.0	2.2	–	–	35.7	30.8	10.6	6.5	1.3
4 or more	15.4	64.7	41.1	11.3	0.7	–	89.1	41.9	5.4	–	1.1	50.0	41.0	17.2	10.3	4.3
3 or more	25.6	82.4	55.6	22.3	2.0	–	95.3	66.7	16.7	0.7	1.1	76.2	56.4	29.7	18.8	9.0
2 or more	40.9	100.0	74.4	38.2	15.0	9.5	100.0	86.8	35.4	13.7	3.3	95.2	78.2	45.4	35.6	19.2
1 or more	59.2	–	91.1	60.5	34.7	14.3	–	95.3	62.4	24.5	17.4	100.0	87.2	69.2	54.8	35.9
No low scores	40.8	–	8.9	39.5	65.3	85.7	–	4.7	37.6	75.5	82.6	–	12.8	30.8	45.2	64.1
≤9th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.4	0.4	–
7 or more	0.7	11.8	1.1	0.4	–	–	7.8	0.8	–	–	–	–	2.6	1.1	0.4	–
6 or more	2.4	23.5	6.7	1.0	–	–	28.1	2.3	–	–	–	2.4	10.3	2.9	1.5	–
5 or more	4.7	47.1	12.2	2.3	–	–	46.9	7.8	0.4	–	–	11.9	16.7	5.5	3.1	0.4

4 or more	8.1	58.8	20.0	4.8	0.7	–	64.1	18.6	1.5	–	–	31.0	25.6	8.4	5.0	1.3
3 or more	14.1	70.6	35.6	10.0	0.7	–	82.8	38.0	4.8	–	–	57.1	38.5	13.6	8.8	4.7
2 or more	23.9	82.4	53.3	19.0	6.1	4.8	96.9	58.1	14.1	5.0	2.2	69.0	53.8	26.0	18.0	9.8
1 or more	41.8	94.1	81.1	39.9	18.4	9.5	98.4	84.5	37.0	15.1	7.6	90.5	76.9	48.4	34.5	21.8
No low scores	58.2	5.9	18.9	60.1	81.6	90.5	1.6	15.5	63.0	84.9	92.4	9.5	23.1	51.6	65.5	78.2
≤5th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
7 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.4	0.4	–
6 or more	0.5	–	3.3	–	–	–	6.3	–	–	–	–	–	1.3	0.4	0.8	–
5 or more	1.1	11.8	3.3	0.4	–	–	15.6	–	–	–	–	–	5.1	0.7	1.5	–
4 or more	3.0	35.3	5.6	1.3	–	–	32.8	3.9	0.2	–	–	7.1	14.1	2.6	1.9	0.4
3 or more	6.1	41.2	15.6	3.5	–	–	51.6	11.6	1.3	–	–	14.3	19.2	7.0	4.6	0.9
2 or more	13.7	64.7	32.2	9.6	1.4	4.8	81.3	30.2	5.7	1.4	2.2	42.9	39.7	14.3	9.6	3.8
1 or more	26.8	88.2	52.2	22.1	12.2	9.5	93.8	56.6	19.1	8.6	4.3	71.4	55.1	30.0	20.3	12.8
No low scores	73.2	11.8	47.8	77.9	87.8	90.5	6.3	43.4	80.9	91.4	95.7	28.6	44.9	70.0	79.7	87.2
≤2nd percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(Continued)

TABLE eA2.8 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
7 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
6 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.4	0.4	–
5 or more	0.2	–	1.1	–	–	–	3.1	–	–	–	–	–	–	0.4	0.4	–
4 or more	0.7	11.8	1.1	0.4	–	–	6.3	1.6	–	–	–	–	1.3	1.5	0.4	–
3 or more	2.0	23.5	4.4	0.8	–	–	18.8	3.9	0.2	–	–	4.8	6.4	2.9	1.1	–
2 or more	5.4	35.3	11.1	3.1	0.7	4.8	39.1	7.8	1.7	1.4	2.2	11.9	14.1	7.3	3.4	1.3
1 or more	15.1	58.8	31.1	11.1	7.5	9.5	71.9	26.4	9.3	5.0	3.3	35.7	38.5	15.8	12.6	5.6
No low scores	84.9	41.2	68.9	88.9	92.5	90.5	28.1	73.6	90.7	95.0	96.7	64.3	61.5	84.2	87.4	94.4

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.9 Base Rates of Low Age-Adjusted WAIS–IV/WMS–IV Index Scores (Four Indexes; WMI, PSI, AMI, VMI) in 16–69-Year-Olds: The Working Memory, Processing Speed, and Memory Battery (LM I & II, VPA I & II, VR I & II, DE I & II)

Number of Low Scores	Total Sample	TOFF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	888	17	90	479	147	21	68	120	472	120	106	42	78	273	261	234
≤25th percentile																
4 or more	5.4	64.7	13.3	2.5	–	–	45.6	9.2	1.3	–	–	19.0	15.4	5.5	3.8	1.3
3 or more	14.4	76.5	32.2	10.4	1.4	–	75.0	34.2	7.6	–	–	38.1	48.7	16.5	9.2	2.1
2 or more	27.3	94.1	46.7	23.6	8.2	–	88.2	60.0	21.4	6.7	0.9	59.5	62.8	31.5	21.1	11.5
1 or more	54.3	100	81.1	54.9	28.6	19.0	95.6	90.8	55.5	25.8	12.3	88.1	89.7	60.1	54.4	29.5
No low scores	45.7	0.0	18.9	45.1	71.4	81.0	4.4	9.2	44.5	74.2	87.7	11.9	10.3	39.9	45.6	70.5
≤16th percentile																
4 or more	2.3	17.6	6.7	0.8	–	–	22.1	3.3	0.2	–	–	4.8	6.4	2.6	1.9	0.4
3 or more	6.2	58.8	17.8	2.9	0.7	–	47.1	10.8	2.1	–	–	23.8	17.9	5.5	5.4	0.9
2 or more	14.8	82.4	32.2	10.9	2.7	–	67.6	33.3	9.3	–	0.9	42.9	42.3	16.8	10.3	3.0
1 or more	37.6	94.1	61.1	36.1	14.3	14.3	88.2	71.7	33.9	14.2	8.5	78.6	74.4	41.8	34.9	16.2
No low scores	62.4	5.9	38.9	63.9	85.7	85.7	11.8	28.3	66.1	85.8	91.5	21.4	25.6	58.2	65.1	83.8
≤9th percentile																
4 or more	1.0	5.9	3.3	0.4	–	–	8.8	2.5	–	–	–	2.4	3.8	1.5	0.4	–
3 or more	3.0	29.4	10.0	0.8	0.7	–	29.4	5.0	0.2	–	–	14.3	10.3	2.6	1.9	0.4

(Continued)

TABLE eA2.9 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
2 or more	7.7	64.7	18.9	3.8	1.4	–	51.5	11.7	4.0	–	–	19.0	24.4	8.1	6.5	0.9
1 or more	23.8	82.4	47.8	20.0	6.1	9.5	83.8	47.5	18.4	5.0	2.8	57.1	56.4	26.4	21.1	6.8
No low scores	76.2	17.6	52.2	80.0	93.9	90.5	16.2	52.5	81.6	95.0	97.2	42.9	43.6	73.6	78.9	93.2
≤5th percentile																
4 or more	0.6	5.9	2.2	0.2	–	–	5.9	0.8	–	–	–	–	1.3	1.1	0.4	–
3 or more	1.2	5.9	6.7	0.2	–	–	11.8	2.5	–	–	–	2.4	2.6	1.8	0.8	0.4
2 or more	4.5	35.3	14.4	2.3	–	–	38.2	5.0	1.7	–	–	11.9	11.5	5.1	4.2	0.4
1 or more	15.9	70.6	33.3	11.7	4.1	9.5	67.6	31.7	10.6	3.3	1.9	38.1	42.3	18.3	12.3	4.3
No low scores	84.1	29.4	66.7	88.3	95.9	90.5	32.4	68.3	89.4	96.7	98.1	61.9	57.7	81.7	87.7	95.7
≤2nd percentile																
4 or more	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
3 or more	0.2	–	1.1	–	–	–	2.9	–	–	–	–	–	–	0.7	–	–
2 or more	1.4	–	4.4	0.8	–	–	11.8	2.5	0.2	–	–	7.1	–	1.1	1.9	0.4
1 or more	6.6	47.1	20.0	3.5	1.4	–	38.2	13.3	3.6	–	–	21.4	15.4	8.4	4.6	1.3
No low scores	93.4	52.9	80.0	96.5	98.6	100	61.8	86.7	96.4	100	100	78.6	84.6	91.6	95.4	98.7

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.

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TABLE eA2.10 Base Rates of Low Age-Adjusted WAIS–IV/WMS–IV Subtest Scores (12 Subtests; DS, AR, CD, SS, LM I & II, VR I & II, VPA I & II, DE I & II) in 16–69-year-olds: The Working Memory, Processing Speed, and Memory Battery

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	888	17	90	479	147	21	68	120	472	120	106	42	78	273	261	234
≤25th percentile																
12 low scores	1.9	17.6	4.4	0.8	–	–	19.1	3.3	–	–	–	4.8	6.4	2.2	1.5	–
11 or more	2.8	29.4	6.7	1.3	–	–	26.5	5.8	–	–	–	9.5	9.0	2.6	1.9	0.9
10 or more	6.1	47.1	15.6	3.1	0.7	–	42.6	10.8	2.5	–	–	9.5	20.5	7.0	5.0	0.9
9 or more	9.1	64.7	21.1	5.2	2.0	–	50.0	20.0	4.9	–	–	19.0	29.5	9.9	7.3	1.7
8 or more	12.8	76.5	28.9	9.2	2.7	–	58.8	30.0	7.8	–	0.9	28.6	38.5	15.8	9.2	2.1
7 or more	18.0	82.4	40.0	13.6	3.4	–	73.5	44.2	11.7	0.8	0.9	45.2	51.3	19.4	13.8	5.1
6 or more	24.3	88.2	47.8	21.1	4.1	–	85.3	54.2	18.9	1.7	1.9	47.6	62.8	28.6	18.4	9.0
5 or more	31.5	94.1	56.7	29.6	6.8	–	89.7	69.2	26.5	5.8	2.8	66.7	70.5	36.3	25.7	13.2
4 or more	44.4	100	68.9	44.1	17.0	4.8	95.6	81.7	43.4	15.8	5.7	81.0	82.1	50.5	42.1	20.5
3 or more	56.9	–	81.1	58.5	28.6	19.0	98.5	89.2	58.7	33.3	12.3	90.5	87.2	64.5	57.5	31.2
2 or more	67.9	–	90.0	70.8	42.2	28.6	98.5	94.2	71.8	48.3	22.6	95.2	91.0	75.5	67.4	47.0
1 or more	84.5	–	96.7	87.9	66.7	52.4	100	99.2	89.2	70.8	51.9	100.0	97.4	88.6	84.3	72.6
No low scores	15.5	–	3.3	12.1	33.3	47.6	–	0.8	10.8	29.2	48.1	–	2.6	11.4	15.7	27.4

(Continued)

TABLE eA2.10 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
≤16th percentile																
12 low scores	0.7	5.9	3.3	0.2	–	–	5.9	1.7	–	–	–	–	1.3	1.5	0.4	–
11 or more	1.6	11.8	3.3	0.6	–	–	16.2	2.5	–	–	–	7.1	5.1	1.8	0.4	0.4
10 or more	2.5	17.6	7.8	1.0	–	–	25.0	4.2	–	–	–	7.1	9.0	2.6	1.5	0.4
9 or more	4.4	41.2	12.2	1.5	0.7	–	39.7	6.7	0.8	–	–	11.9	15.4	4.0	3.8	0.4
8 or more	6.2	52.9	15.6	3.1	0.7	–	45.6	12.5	1.9	–	–	16.7	19.2	5.9	5.4	1.3
7 or more	8.4	64.7	17.8	5.6	0.7	–	51.5	20.0	3.4	–	–	21.4	25.6	9.9	5.7	1.7
6 or more	12.8	70.6	28.9	9.8	0.7	–	64.7	29.2	7.4	–	–	28.6	38.5	14.3	10.7	2.1
5 or more	18.9	76.5	42.2	16.5	2.0	–	77.9	44.2	12.7	0.8	0.9	42.9	53.8	20.5	14.9	5.6
4 or more	27.0	82.4	52.2	24.4	6.1	4.8	85.3	59.2	21.4	5.8	1.9	59.5	61.5	32.6	21.8	9.0
3 or more	38.1	94.1	63.3	37.2	12.9	4.8	91.2	73.3	34.7	15.0	4.7	69.0	75.6	45.8	33.3	16.2
2 or more	52.3	5.9	76.7	51.6	27.2	23.8	97.1	83.3	52.5	30.8	10.4	90.5	84.6	58.6	51.0	28.6
1 or more	68.0	–	88.9	71.4	42.9	28.6	98.5	92.5	70.6	51.7	27.4	95.2	92.3	76.9	65.1	47.9
No low scores	32.0	–	11.1	28.6	57.1	71.4	1.5	7.5	29.4	48.3	72.6	4.8	7.7	23.1	34.9	52.1
≤9th percentile																
12 low scores	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
11 or more	0.5	–	2.2	0.2	–	–	4.4	0.8	–	–	–	–	–	1.1	0.4	–
10 or more	0.7	–	3.3	0.2	–	–	4.4	2.5	–	–	–	2.4	–	1.5	0.4	–

9 or more	1.1	5.9	5.6	0.2	—	—	10.3	2.5	—	—	—	2.4	2.6	1.8	0.8	—
8 or more	1.7	11.8	6.7	0.6	—	—	14.7	4.2	—	—	—	7.1	5.1	1.8	1.1	—
7 or more	3.7	29.4	12.2	1.7	—	—	32.4	5.0	1.1	—	—	14.3	10.3	3.7	2.7	0.9
6 or more	6.0	52.9	14.4	3.5	0.7	—	41.2	11.7	2.3	—	—	19.0	17.9	6.6	5.0	0.9
5 or more	8.9	52.9	20.0	6.5	0.7	—	51.5	19.2	4.4	—	—	33.3	29.5	9.5	7.3	1.3
4 or more	13.1	76.5	26.7	10.2	1.4	—	63.2	26.7	8.5	0.8	—	52.4	35.9	14.7	11.1	2.1
3 or more	20.5	82.4	42.2	18.2	3.4	—	75.0	43.3	15.3	3.3	1.9	69.0	51.3	23.8	16.5	5.1
2 or more	34.2	88.2	57.8	33.6	10.9	14.3	88.2	64.2	30.1	15.0	5.7	88.1	70.5	38.5	29.1	16.7
1 or more	51.5	100	73.3	52.4	27.9	23.8	97.1	82.5	51.1	29.2	13.2	2.4	84.6	60.1	47.9	27.8
No low scores	48.5	—	26.7	47.6	72.1	76.2	2.9	17.5	48.9	70.8	86.8	11.9	15.4	39.9	52.1	72.2

≤5thpercentile

12 low scores	0.1	—	—	—	—	—	1.5	—	—	—	—	—	—	0.4	—	—
11 or more	0.1	—	—	—	—	—	1.5	—	—	—	—	—	—	0.4	—	—
10 or more	0.1	—	—	—	—	—	1.5	—	—	—	—	—	—	0.4	—	—
9 or more	0.1	—	—	—	—	—	1.5	—	—	—	—	—	—	0.4	—	—
8 or more	0.5	5.9	1.1	0.2	—	—	4.4	0.8	—	—	—	—	1.3	0.7	0.4	—
7 or more	1.6	11.8	5.6	0.6	—	—	13.2	3.3	0.2	—	—	4.8	2.6	1.8	1.5	0.4
6 or more	1.9	11.8	6.7	0.8	—	—	16.2	4.2	0.2	—	—	9.5	2.6	2.2	1.5	0.4
5 or more	3.6	23.5	8.9	2.3	0.7	—	23.5	5.8	1.9	—	—	9.5	9.0	4.4	2.7	0.9
4 or more	7.0	47.1	16.7	4.4	0.7	—	45.6	12.5	3.4	—	—	16.7	19.2	8.8	5.0	1.3
3 or more	10.5	70.6	24.4	7.7	1.4	—	55.9	20.0	6.6	—	—	23.8	30.8	12.5	7.7	2.1
2 or more	19.7	76.5	43.3	16.3	5.4	4.8	72.1	40.8	14.6	2.5	3.8	50.0	51.3	22.0	15.3	6.0

(Continued)

TABLE eA2.10 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16 +
1 or more	35.4	94.1	54.4	34.7	17.0	14.3	82.4	67.5	31.6	15.0	8.5	69.0	67.9	41.0	30.3	17.5
No low scores	64.6	5.9	45.6	65.3	83.0	85.7	17.6	32.5	68.4	85.0	91.5	31.0	32.1	59.0	69.7	82.5
≤2nd percentile																
12 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11 or more	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
10 or more	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
9 or more	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
8 or more	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
7 or more	0.1	–	–	–	–	–	1.5	–	–	–	–	–	–	0.4	–	–
6 or more	0.3	–	1.1	–	–	–	4.4	–	–	–	–	2.4	–	0.7	–	–
5 or more	0.6	–	2.2	–	–	–	5.9	–	0.2	–	–	2.4	–	1.1	0.4	–
4 or more	2.0	17.6	4.4	1.0	–	–	14.7	3.3	0.8	–	–	7.1	2.6	2.9	1.5	0.4
3 or more	4.6	35.3	13.3	2.5	0.7	–	27.9	8.3	2.5	–	–	9.5	15.4	5.5	3.4	0.4
2 or more	10.5	47.1	23.3	7.9	3.4	4.8	50.0	19.2	6.6	2.5	1.9	21.4	28.2	12.1	9.2	2.1
1 or more	20.6	70.6	38.9	17.5	8.8	9.5	69.1	35.8	16.9	6.7	3.8	38.1	47.4	23.4	18.0	8.1
No low scores	79.4	29.4	61.1	82.5	91.2	90.5	30.9	64.2	83.1	93.3	96.2	61.9	52.6	76.6	82.0	91.9

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.

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TABLE eA2.11 Base Rates of Low Age-Adjusted WAIS–IV/WMS–IV Older Adult Index Scores (Four Indexes; WMI, PSI, AMI, VMI) in 65–90-Year-Olds: The Working Memory, Processing Speed, and Memory Battery (LM I & II, VPA I & II, DE I & II)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	493	11	30	170	34	14	27	68	188	52	31	64	65	172	94	98
≤25th percentile																
4 or more	4.9	45.5	26.7	2.4	–	–	51.9	8.8	2.1	–	–	17.2	9.2	3.5	–	1
3 or more	12.4	81.8	50	11.8	2.9	–	77.8	20.6	12.2	–	–	39.1	16.9	9.9	6.4	2
2 or more	25.4	90.9	76.7	24.7	14.7	7.1	100	55.9	21.3	7.7	6.5	57.8	36.9	24.4	16	7.1
1 or more	50.1	90.9	83.3	52.4	26.5	14.3	–	86.8	50	23.1	9.7	73.4	63.1	50.6	43.6	31.6
No low scores	49.9	9.1	16.7	47.6	73.5	85.7	–	13.2	50	76.9	90.3	26.6	36.9	49.4	56.4	68.4
≤16th percentile																
4 or more	2.2	27.3	13.3	–	–	–	37	–	0.5	–	–	7.8	4.6	1.7	–	–
3 or more	5.9	45.5	23.3	2.9	2.9	–	55.6	4.4	5.3	–	–	20.3	10.8	4.1	1.1	1
2 or more	14.8	81.8	56.7	12.4	14.7	–	85.2	30.9	12.2	1.9	3.2	43.8	20	13.4	5.3	4.1
1 or more	35.5	90.9	73.3	35.9	17.6	7.1	14.8	75	33	9.6	6.5	64.1	44.6	34.9	28.7	18.4
No low scores	64.5	9.1	26.7	64.1	82.4	92.9	–	25	67	90.4	93.5	35.9	55.4	65.1	71.3	81.6
≤9th percentile																
4 or more	1	18.2	3.3	–	–	–	18.5	–	–	–	–	4.7	1.5	0.6	–	–
3 or more	2.4	27.3	10	0.6	–	–	37	–	1.1	–	–	7.8	6.2	1.7	–	–

(Continued)

TABLE eA2.11 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16 +
2 or more	8.3	72.7	26.7	5.9	5.9	–	70.4	13.2	5.9	–	3.2	26.6	13.8	7	1.1	2
1 or more	24.1	90.9	53.3	22.9	11.8	7.1	88.9	54.4	18.6	5.8	6.5	48.4	30.8	25	16	10.2
No low scores	75.9	9.1	46.7	77.1	88.2	92.9	11.1	45.6	81.4	94.2	93.5	51.6	69.2	75	84	89.8
≤5th percentile																
4 or more	0.4	9.1	–	–	–	–	7.4	–	–	–	–	1.6	1.5	–	–	–
3 or more	1.4	18.2	6.7	–	–	–	22.2	–	0.5	–	–	4.7	3.1	1.2	–	–
2 or more	5.1	63.6	20	2.4	2.9	–	55.6	5.9	2.7	–	–	17.2	9.2	2.9	1.1	2
1 or more	14.8	81.8	40	12.4	8.8	7.1	74.1	30.9	10.6	–	6.5	37.5	23.1	14	5.3	5.1
No low scores	85.2	18.2	60	87.6	91.2	92.9	25.9	69.1	89.4	100	93.5	62.5	76.9	86	94.7	94.9
≤2nd percentile																
4 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 or more	0.4	–	3.3	–	–	–	7.4	–	–	–	–	–	1.5	0.6	–	–
2 or more	1.6	36.4	6.7	–	–	–	25.9	–	–	–	–	6.3	4.6	0.6	–	–
1 or more	5.9	63.6	16.7	2.4	5.9	–	51.9	11.8	1.6	–	–	15.6	10.8	5.8	–	2
No low scores	94.1	36.4	83.3	97.6	94.1	100	48.1	88.2	98.4	100	100	84.4	89.2	94.2	100	98

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.12 Base Rates of Low Age-Adjusted WAIS–IV/WMS–IV Subtest Scores (10 Subtests; DS, AR, CD, SS, LM I & II, VR I & II, VPA I & II) in 65–90-Year-Olds: The Working Memory, Processing Speed, and Memory Battery

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	493	11	30	170	34	14	27	68	188	52	31	64	65	172	94	98
≤25th percentile																
10 low scores	1.6	18.2	6.7	0.6	–	–	25.9	1.5	–	–	–	4.7	4.6	1.2	–	–
9 or more	3.7	36.4	13.3	1.2	2.9	–	40.7	4.4	1.6	–	–	14.1	4.6	2.9	–	1
8 or more	7.3	54.5	33.3	3.5	2.9	–	55.6	13.2	5.9	–	–	23.4	12.3	5.8	2.1	1
7 or more	13	72.7	53.3	10	8.8	–	74.1	32.4	9.6	3.8	–	40.6	16.9	11	5.3	3.1
6 or more	18.7	81.8	60	18.8	8.8	7.1	88.9	45.6	13.8	3.8	3.2	48.4	29.2	17.4	8.5	4.1
5 or more	25.2	90.9	70	27.6	14.7	7.1	100	60.3	19.7	5.8	3.2	62.5	36.9	23.8	13.8	6.1
4 or more	34.7	90.9	76.7	37.1	17.6	14.3	–	73.5	30.9	5.8	9.7	68.8	49.2	32.6	27.7	13.3
3 or more	45.2	90.9	83.3	49.4	23.5	21.4	–	86.8	43.1	23.1	9.7	76.6	56.9	44.2	36.2	27.6
2 or more	58.8	100	83.3	64.7	35.3	21.4	–	94.1	60.6	32.7	19.4	82.8	72.3	57.6	51.1	43.9
1 or more	78.3	–	96.7	79.4	55.9	57.1	–	97.1	81.4	61.5	35.5	95.3	87.7	74.4	74.5	71.4
No low scores	21.7		3.3	20.6	44.1	42.9		2.9	18.6	38.5	64.5	4.7	12.3	25.6	25.5	28.6
≤16th percentile																
10 low scores	0.6	9.1	3.3	–	–	–	11.1	–	–	–	–	1.6	1.5	0.6	–	–
9 or more	1.4	18.2	6.7	–	–	–	18.5	–	0.5	–	–	4.7	3.1	0.6	–	1

(Continued)

TABLE eA2.12 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	3	27.3	13.3	0.6	–	–	37	2.9	1.1	–	–	10.9	7.7	1.2	–	1
7 or more	4.9	45.5	20	1.8	2.9	–	51.9	5.9	2.7	–	–	15.6	9.2	4.1	–	1
6 or more	9.1	63.6	36.7	6.5	5.9	–	70.4	16.2	6.9	–	–	29.7	16.9	6.4	2.1	2
5 or more	13.6	72.7	50	13.5	5.9	–	77.8	30.9	11.7	–	–	42.2	20	11.6	4.3	3.1
4 or more	20.5	90.9	63.3	21.2	8.8	7.1	92.6	51.5	16	3.8	3.2	54.7	30.8	19.8	8.5	4.1
3 or more	27.4	90.9	70	27.1	11.8	7.1	92.6	64.7	22.3	5.8	6.5	59.4	40	26.2	17	10.2
2 or more	42	90.9	80	42.4	26.5	21.4	100	80.9	37.8	15.4	12.9	68.8	58.5	41.9	33	22.4
1 or more	61.9	90.9	83.3	65.3	38.2	28.6	–	92.6	62.8	34.6	25.8	85.9	72.3	61.6	56.4	44.9
No low scores	38.1	9.1	16.7	34.7	61.8	71.4	–	7.4	37.2	65.4	74.2	14.1	27.7	38.4	43.6	55.1
≤9th percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	0.4	–	6.7	–	–	–	7.4	–	–	–	–	–	1.5	0.6	–	–
8 or more	1.2	–	10	–	–	–	14.8	1.5	0.5	–	–	1.6	4.6	1.2	–	–
7 or more	1.8	18.2	10	–	–	–	22.2	1.5	0.5	–	–	6.3	4.6	1.2	–	–
6 or more	3.4	45.5	13.3	0.6	–	–	40.7	4.4	1.1	–	–	12.5	6.2	2.9	–	–
5 or more	5.7	63.6	23.3	1.8	5.9	–	55.6	10.3	2.1	–	–	17.2	12.3	4.7	–	–
4 or more	10.1	72.7	46.7	7.1	5.9	–	70.4	25	5.9	–	–	29.7	15.4	10.5	1.1	–

3 or more	17.4	90.9	60	16.5	8.8	7.1	81.5	42.6	13.3	1.9	6.5	43.8	21.5	18.6	6.4	—
2 or more	28.8	90.9	66.7	26.5	14.7	14.3	92.6	61.8	23.4	7.7	9.7	57.8	38.5	29.7	13.8	—
1 or more	46.2	90.9	76.7	46.5	23.5	21.4	100	79.4	44.1	21.2	9.7	70.3	60	45.9	39.4	—
No low scores	53.8	9.1	23.3	53.5	76.5	78.6		20.6	55.9	78.8	90.3	29.7	40	54.1	60.6	—

≤5th percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7 or more	0.4	—	3.3	—	—	—	3.7	—	0.5	—	—	1.6	—	0.6	—	—
6 or more	1.6	18.2	6.7	—	—	—	18.5	1.5	0.5	—	—	7.8	3.1	0.6	—	—
5 or more	2.6	36.4	16.7	—	—	—	33.3	2.9	0.5	—	—	7.8	6.2	2.3	—	1
4 or more	4.9	63.6	20	1.2	5.9	—	55.6	5.9	2.1	—	—	17.2	9.2	3.5	—	2
3 or more	8.5	72.7	26.7	5.3	5.9	7.1	66.7	17.6	4.8	—	6.5	28.1	10.8	8.1	—	6.1
2 or more	13.6	81.8	40	11.2	5.9	7.1	77.8	29.4	8.5	1.9	6.5	35.9	21.5	11	6.4	16.3
1 or more	29.8	90.9	63.3	28.8	17.6	14.3	92.6	63.2	24.5	9.6	9.7	57.8	36.9	27.9	19.1	28.6
No low scores	70.2	9.1	36.7	71.2	82.4	85.7	7.4	36.8	75.5	90.4	90.3	42.2	63.1	72.1	80.9	71.4

≤2nd percentile

10 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(Continued)

TABLE eA2.12 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					GAI					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16 +
7 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 or more	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5 or more	0.8	18.2	–	–	–	–	11.1	–	0.5	–	–	4.7	1.5	–	–	–
4 or more	1.6	18.2	6.7	–	–	–	18.5	1.5	0.5	–	–	6.3	6.2	–	–	1
3 or more	3.9	36.4	13.3	2.4	2.9	–	37	5.9	1.6	–	3.2	10.9	10.8	2.3	–	3.1
2 or more	8.1	63.6	16.7	5.9	5.9	7.1	51.9	14.7	4.8	–	6.5	20.3	13.8	5.8	3.2	5.1
1 or more	19.9	90.9	53.3	16.5	8.8	7.1	81.5	42.6	15.4	1.9	6.5	50	24.6	15.7	10.6	20.4
No low scores	80.1	9.1	46.7	83.5	91.2	92.9	18.5	57.4	84.6	98.1	93.5	50	75.4	84.3	89.4	79.6

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.13 Base Rates of Low Age-Adjusted Core WAIS–IV Index Scores (Five Indexes; FSIQ, VCI, PRI, WMI, PSI) in 16–90-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	2200	62	191	1120	350	66	189	329	1106	376	200	145	205	690	612	548
≤25th percentile																
5 low scores	7.6	67.7	25.7	1.4	0.3	–	79.4	5.2	–	–	–	29.7	23.4	7.8	3.4	0.2
4 or more	16.1	90.3	48.2	8.7	0.6	–	99.5	49.5	0.3	–	–	56.6	41	17.5	8.5	2.7
3 or more	23.5	95.2	60.7	17.1	1.4	–	100	93.6	1.8	–	–	71.7	49.8	27.1	14.4	6.6
2 or more	30	98.4	72.8	24.3	5.1	1.5	–	100	12.9	–	–	79.3	61	35.1	20.1	10.2
1 or more	49.4	100	90.6	47.8	18.6	15.2	–	–	49.5	5.9	–	90.3	77.1	55.2	44.3	26.6
No low scores	50.6		9.4	52.2	81.4	84.8			50.5	94.1	100	9.7	22.9	44.8	55.7	73.4
≤16th percentile																
5 low scores	4.2	46.8	11	0.4	0.3	–	49.2	–	–	–	–	18.6	13.7	3.6	2.1	–
4 or more	8.3	72.6	27.7	2.1	0.3	–	85.2	6.4	–	–	–	35.9	22.9	8.1	3.9	0.5
3 or more	14.3	87.1	41.9	7.1	0.9	–	99.5	38.3	–	–	–	54.5	34.1	15.9	6.9	2.4
2 or more	19.6	96.8	53.4	12.1	2	–	100	67.2	1.9	–	–	60.7	46.3	22.9	11.1	4
1 or more	34	98.4	77	28.6	8.3	7.6	–	93.3	22.1	2.1	–	77.9	62	40.3	26	13
No low scores	66	1.6	23	71.4	91.7	92.4		6.7	77.9	97.9	100	22.1	38	59.7	74	87
≤9th percentile																
5 low scores	2.4	32.3	6.3	0.2	–	–	27.5	–	–	–	–	9.7	6.8	2.3	1.3	–
4 or more	4.8	58.1	16.2	0.4	0.3	–	56.1	–	–	–	–	22.1	13.2	4.3	2.6	0.2

(Continued)

TABLE eA2.13 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
3 or more	8.2	74.2	29.3	1.5	0.3	–	89.4	3.3	–	–	–	38.6	21.5	8.3	3.1	0.7
2 or more	10.8	83.9	36.6	3.5	0.3	–	99.5	15.2	–	–	–	48.3	28.3	11	4.7	0.9
1 or more	21.2	93.5	57.1	14	2.6	3	100	60.8	6.7	0.8	–	64.1	45.9	24.8	13.6	4.6
No low scores	78.8	6.5	42.9	86	97.4	97		39.2	93.3	99.2	100	35.9	54.1	75.2	86.4	95.4
≤5th percentile																
5 low scores	1.4	21	2.1	0.1	–	–	16.4	–	–	–	–	4.1	3.4	1.7	1	–
4 or more	3.1	40.3	9.4	0.4	0.3	–	36.5	–	–	–	–	13.1	8.3	3	2	–
3 or more	5.3	58.1	17.8	0.5	0.3	–	61.4	–	–	–	–	24.1	13.2	5.4	2.5	0.4
2 or more	6.7	67.7	22.5	0.9	0.3	–	76.2	1.2	–	–	–	29.7	18.5	6.7	3.1	0.4
1 or more	13.9	87.1	38.7	7.1	2.3	1.5	92.1	31.3	2.4	0.5	–	49	33.7	15.7	6.7	2.9
No low scores	86.1	12.9	61.3	92.9	97.7	98.5	7.9	68.7	97.6	99.5	100	51	66.3	84.3	93.3	97.1
≤2nd percentile																
5 low scores	0.6	8.1	–	–	–	–	6.9	–	–	–	–	1.4	0.5	1	0.5	–
4 or more	1.2	16.1	2.1	0.2	0.3	–	14.3	–	–	–	–	2.8	2.4	1.3	1.5	–
3 or more	2.2	30.6	3.7	0.2	0.3	–	25.9	–	–	–	–	9	5.9	2	1.6	–
2 or more	3.2	37.1	8.4	0.3	0.3	–	37	–	–	–	–	16.6	8.3	2.6	1.8	–
1 or more	5.8	61.3	18.8	0.9	0.6	–	59.3	3.6	0.3	–	–	26.9	17.1	5.5	2.5	–
No low scores	94.2	38.7	81.2	99.1	99.4	100	40.7	96.4	99.7	100	100	73.1	82.9	94.5	97.5	100

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.14 Base Rates Of Low Age-Adjusted Core WAIS–IV Subtest Scores (10 Subtests; VC, IN, SIM, MR, BD, VP, DS, AR, CD, SS) in 16–90-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	2200	62	191	1120	350	66	189	329	1106	376	200	145	205	690	612	548
≤25th percentile																
10 low scores	4	48.4	11.5	0.6	–	–	46	0.3	–	–	–	16.6	12.2	3.6	2.1	0.2
9 or more	7.4	67.7	23	1.4	0.3	–	79.4	4	–	–	–	31.7	22.4	7.2	2.9	0.5
8 or more	11.3	82.3	34	4.1	0.3	–	95.8	20.4	–	–	–	46.9	31.2	11.4	4.6	1.6
7 or more	15.9	91.9	48.2	7.5	0.6	–	99.5	47.1	0.5	–	–	55.9	40.5	17.4	8	2.9
6 or more	21.6	95.2	56.5	13.9	1.7	–	100	76.3	3.2	–	–	64.8	50.7	23.5	14.2	5.1
5 or more	28	98.4	69.1	21.5	3.4	1.5	–	94.2	10.6	–	–	77.2	57.1	32	19.3	8.8
4 or more	35.7	100	82.7	30.4	5.4	1.5	–	97.9	24.9	–	–	86.9	66.3	41.3	27.3	13.1
3 or more	46.8	–	91.6	44.6	12.9	10.6	–	100	45.9	0.8	–	91	78	53.8	41.7	20.3
2 or more	60.7	–	98.4	62.4	24.9	16.7	–	–	70.3	10.6	–	95.9	88.3	68	56.9	36.3
1 or more	78.1	–	99.5	81.7	48.6	42.4	–	–	91.2	45.7	9.5	97.9	94.6	85.7	76.6	58.8
No low scores	21.9		0.5	18.3	51.4	57.6			8.8	54.3	90.5	2.1	5.4	14.3	23.4	41.2
≤16th percentile																
10 low scores	2.1	27.4	5.8	0.1	–	–	24.3	–	–	–	–	7.6	6.3	2	1.3	–
9 or more	3.9	46.8	13.1	0.3	0.3	–	45	–	–	–	–	16.6	12.2	3.3	2.1	–

(Continued)

TABLE eA2.14 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	5.8	62.9	20.4	0.4	0.3	–	66.7	0.6	–	–	–	26.9	16.6	5.7	2.6	–
7 or more	8.1	74.2	28.3	1.9	0.3	–	86.2	4.9	–	–	–	32.4	24.9	8.3	3.4	0.5
6 or more	11.4	80.6	39.3	4.1	0.3	–	96.8	20.4	–	–	–	44.8	29.3	12.3	5.9	0.7
5 or more	16.1	91.9	47.1	8.5	0.9	–	98.9	48	0.8	–	–	56.6	38.5	18.1	9.2	2.2
4 or more	21.6	96.8	58.6	13.9	1.7	–	100	73.3	4.2	–	–	66.9	48.8	24.1	14.2	4.7
3 or more	29.8	98.4	74.3	23.8	4.6	3	–	92.7	14.5	0.5	–	77.2	61	33.2	21.4	10.8
2 or more	42.6	100	88	39.6	12	9.1	–	98.5	37.2	3.5	–	88.3	73.2	48.8	34	20.8
1 or more	62.8	–	95.3	64.9	29.7	22.7	–	100	71.2	18.6	3	94.5	86.8	70.7	61.6	36.7
No low scores	37.2	–	4.7	35.1	70.3	77.3	–	–	28.8	81.4	97	5.5	13.2	29.3	38.4	63.3
≤9th percentile																
10 low scores	1.1	14.5	2.6	–	–	–	13.2	–	–	–	–	3.4	2.9	1.2	1	–
9 or more	2	27.4	4.7	0.2	0.3	–	23.3	–	–	–	–	6.2	5.9	2.2	1.3	–
8 or more	3.1	38.7	8.4	0.3	0.3	–	36	–	–	–	–	11.7	9.3	2.9	2	–
7 or more	4.3	50	13.6	0.4	0.3	–	50.3	–	–	–	–	19.3	12.2	3.9	2.5	–
6 or more	6	64.5	20.9	0.7	0.3	–	67.7	1.5	–	–	–	26.2	15.6	6.4	2.9	0.2
5 or more	8	72.6	27.2	1.8	0.3	–	81	7.3	–	–	–	33.8	21.5	8.7	3.6	0.4
4 or more	11.8	85.5	36.6	4.7	0.6	–	94.7	23.4	0.3	–	–	48.3	29.8	12.9	5.7	0.7

3 or more	17.2	93.5	50.3	10.2	1.4	1.5	100	49.5	2.3	0.3	–	59.3	42	19.1	9	3.5
2 or more	25.7	95.2	66	19.6	4.9	1.5	–	78.7	10.2	1.1	–	71.7	55.6	29	16.8	8
1 or more	43.9	100	84.3	41.7	15.1	12.1	–	95.1	39.8	6.1	0.5	84.1	73.7	50.7	36.4	21.9
No low scores	56.1		15.7	58.3	84.9	87.9		4.9	60.2	93.9	99.5	15.9	26.3	49.3	63.6	78.1

≤5th percentile

10 low scores	0.6	8.1	–	–	–	–	7.4	–	–	–	–	1.4	0.5	1.2	0.5	–
9 or more	1	11.3	1.6	0.1	0.3	–	11.1	–	–	–	–	2.1	1.5	1.3	1	–
8 or more	1.5	24.2	2.1	0.1	0.3	–	18	–	–	–	–	4.1	3.4	1.9	1.3	–
7 or more	2.1	30.6	4.2	0.2	0.3	–	24.9	–	–	–	–	7.6	4.9	2.5	1.5	–
6 or more	3	35.5	8.4	0.3	0.3	–	35.4	–	–	–	–	15.2	5.9	2.9	2.1	–
5 or more	4.2	46.8	12.6	0.4	0.3	–	48.1	0.3	–	–	–	20.7	10.2	3.9	2.3	–
4 or more	5.7	67.7	16.8	0.5	0.3	–	63	2.1	–	–	–	25.5	14.6	5.8	2.9	0.2
3 or more	8.7	80.6	26.7	2.2	0.9	–	81.5	10.6	0.2	–	–	38.6	22	8.6	4.1	1.1
2 or more	14.1	88.7	43.5	7.3	1.4	–	96.3	33.4	1.6	–	–	52.4	32.7	16.1	7	2.4
1 or more	26.7	95.2	63.9	20.8	6.6	4.5	100	70.8	14.5	1.3	–	71	51.2	30.9	18.1	10
No low scores	73.3	4.8	36.1	79.2	93.4	95.5		29.2	85.5	98.7	100	29	48.8	69.1	81.9	90

≤2nd percentile

10 low scores	0.3	1.6	–	–	–	–	3.2	–	–	–	–	–	0.5	0.4	0.3	–
9 or more	0.5	6.5	0.5	–	–	–	6.3	–	–	–	–	–	2.1	0.5	0.7	0.5

(Continued)

TABLE eA2.14 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
8 or more	0.7	9.7	1	–	0.3	–	8.5	–	–	–	–	2.8	0.5	0.9	0.8	–
7 or more	0.9	12.9	1.6	–	0.3	–	10.6	–	–	–	–	2.8	1.5	1	1	–
6 or more	1.1	14.5	2.1	0.2	0.3	–	13.2	–	–	–	–	2.8	2	1.3	1.3	–
5 or more	1.8	22.6	4.2	0.2	0.3	–	21.2	–	–	–	–	6.2	3.4	2	1.6	–
4 or more	2.2	27.4	4.7	0.3	0.3	–	25.4	–	–	–	–	9	4.4	2.3	1.6	–
3 or more	3.9	48.4	8.9	0.4	0.3	–	42.9	1.2	–	–	–	20.7	8.8	3.5	2.1	–
2 or more	6	66.1	17.3	1.1	61.7	–	61.4	4	0.2	–	–	30.3	14.1	5.8	2.5	0.5
1 or more	12.6	82.3	35.1	6.5	98.3	–	83.1	27.1	2.6	–	–	52.4	30.2	12.8	5.7	2.9
No low scores	87.4	17.7	64.9	93.5		100	16.9	72.9	97.2	100	100	47.6	69.8	87.2	94.3	97.1

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.15 Base Rates of Low Age-Adjusted WMS–IV Index Scores (AMI, VMI, IMI, DMI) in 16–69-Year-Olds: Full WMS-IV (No Visual Working Memory Subtests)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	899	17	90	478	147	21	64	129	459	139	92	44	79	274	265	237
≤25th percentile																
4 low scores	12.7	64.7	23.3	10.3	2.7	–	64.1	27.1	7.4	1.4	–	25	31.6	14.2	11.7	3.4
3 or more	20.2	76.5	36.7	18	3.4	–	71.9	48.1	14.2	3.6	1.1	43.2	48.1	22.3	18.5	6.3
2 or more	30.5	88.2	52.2	28.7	10.9	4.8	87.5	61.2	26.6	6.5	2.2	52.3	60.8	34.3	29.8	12.7
1 or more	42.2	94.1	62.2	41.6	21.8	9.5	95.3	74.4	40.1	18	6.5	68.2	74.7	47.1	41.5	21.5
No low scores	57.8	5.9	37.8	58.4	78.2	90.5	4.7	25.6	59.9	82	93.5	31.8	25.3	52.9	58.5	78.5
≤16th percentile																
4 low scores	6.9	35.3	12.2	5	1.4	–	42.2	14	3.3	–	–	9.1	20.3	6.2	8.3	1.3
3 or more	12	58.8	18.9	9.8	2	–	57.8	27.1	7	0.7	–	22.7	30.4	13.1	12.5	2.1
2 or more	18.9	76.5	30	17.4	6.1	–	68.8	45	12.6	3.6	1.1	40.9	41.8	21.9	17.4	5.5
1 or more	28.9	82.4	43.3	28	11.6	4.8	84.4	57.4	23.5	9.4	5.4	54.5	57	31.8	28.7	11.8
No low scores	71.1	17.6	56.7	72	88.4	95.2	15.6	42.6	76.5	90.6	94.6	45.5	43	68.2	71.3	88.2
≤9th percentile																
4 low scores	3.1	17.6	6.7	2.1	1.4	–	21.9	5.4	1.5	–	–	6.8	10.1	2.6	3.8	–

(Continued)

TABLE eA2.15 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
3 or more	6.8	35.3	15.6	5	1.4	–	42.2	14.7	3.1	–	–	13.6	16.5	7.7	7.2	0.8
2 or more	10.7	58.8	20	9	2	–	51.6	24.8	6.1	0.7	–	15.9	30.4	12.8	9.4	2.1
1 or more	17.5	70.6	30	14.6	5.4	4.8	67.2	37.2	11.8	3.6	2.2	31.8	39.2	21.2	15.1	5.9
No low scores	82.5	29.4	70	85.4	94.6	95.2	32.8	62.8	88.2	96.4	97.8	68.2	60.8	78.8	84.9	94.1
≤5th percentile																
4 low scores	1.7	11.8	5.6	0.8	–	–	12.5	3.1	0.7	–	–	2.3	3.8	1.8	2.3	–
3 or more	4.1	23.5	10	2.9	1.4	–	29.7	7.8	1.7	–	–	9.1	10.1	3.6	5.3	0.4
2 or more	7	35.3	16.7	5	1.4	–	43.8	16.3	3.1	–	–	11.4	24.1	6.6	7.2	0.8
1 or more	11.3	35.3	20	10.3	3.4	4.8	50	23.3	7.2	2.2	1.1	15.9	30.4	13.1	10.2	3.4
No low scores	88.7	64.7	80	89.7	96.6	95.2	50	76.7	92.8	97.8	98.9	84.1	69.6	86.9	89.8	96.6
≤2nd percentile																
4 low scores	0.6	–	1.1	0.4	–	–	3.1	1.6	0.2	–	–	2.3	–	0.7	0.8	–
3 or more	1.6	11.8	3.3	0.8	–	–	14.1	2.3	0.4	–	–	6.8	2.5	2.2	1.1	–
2 or more	3.2	23.5	10	1.7	0.7	–	21.9	7	1.3	–	–	6.8	11.4	3.3	3	–
1 or more	6	29.4	15.6	3.8	2.7	–	37.5	10.9	3.1	0.7	–	15.9	17.7	6.2	5.7	0.4
No low scores	94	70.6	84.4	96.2	97.3	100	62.5	89.1	96.9	99.3	100	84.1	82.3	93.8	94.3	99.6

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.16 Base Rates of Low Age-Adjusted WMS–IV Subtest Scores (Eight Subtests; LM, VPA, VR, DE) in 16–69-Year-Olds: Full WMS-IV (No Visual Working Memory Subtests)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	899	17	90	478	147	21	64	129	459	139	92	44	79	274	265	237
≤25th percentile																
8 low scores	3.9	17.6	7.8	2.7	0.7	–	28.1	4.7	2.2	–	–	4.5	12.7	4	4.5	–
7 or more	6.1	35.3	11.1	3.8	2	–	40.6	10.9	3.1	–	–	11.4	17.7	6.2	6	1.3
6 or more	11.7	47.1	22.2	9.8	2	–	54.7	28.7	6.5	–	1.1	22.7	26.6	13.1	11.3	3.4
5 or more	17.6	70.6	34.4	15.5	4.1	–	67.2	41.1	12	2.2	1.1	36.4	41.8	19.3	15.5	6.3
4 or more	29.8	82.4	46.7	28.7	11.6	4.8	81.3	57.4	27	6.5	3.3	52.3	55.7	33.9	28.7	13.5
3 or more	42.7	94.1	62.2	42.9	19	4.8	93.8	74.4	42.3	15.1	6.5	63.6	77.2	49.6	42.6	19.4
2 or more	57.1	94.1	74.4	59	35.4	19	98.4	82.9	59	35.3	15.2	77.3	83.5	66.4	54.7	36.3
1 or more	73.9	100	90	76.4	57.1	38.1	100	94.6	77.3	55.4	38	95.5	91.1	80.7	71.7	58.6
No low scores	26.1	–	10	23.6	42.9	61.9	–	5.4	22.7	44.6	62	4.5	8.9	19.3	28.3	41.4
≤16th percentile																
8 low scores	1.7	11.8	4.4	1.3	–	–	14.1	2.3	0.7	–	–	2.3	6.3	1.8	1.5	–
7 or more	3.1	17.6	5.6	1.9	0.7	–	25	4.7	1.3	–	–	9.1	12.7	2.6	2.3	0.4
6 or more	6.3	29.4	14.4	4.4	0.7	–	42.2	14	2.4	–	–	11.4	19	6.9	5.7	1.3
5 or more	10.2	52.9	21.1	8.2	1.4	–	54.7	20.9	5.9	–	1.1	20.5	26.6	11.7	9.1	2.5

(Continued)

TABLE eA2.16 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
4 or more	17.8	58.8	27.8	16.5	4.1	4.8	65.6	38.8	13.1	1.4	1.1	29.5	39.2	20.4	17	6.3
3 or more	27.9	76.5	45.6	27.6	8.8	4.8	78.1	55.8	23.7	7.2	3.3	47.7	57	31.8	26.8	11.4
2 or more	43	88.2	62.2	42.9	22.4	14.3	93.8	75.2	40.3	19.4	9.8	70.5	73.4	50	40.4	22.8
1 or more	57.3	94.1	76.7	59.6	35.4	19	98.4	81.4	58.6	35.3	21.7	84.1	82.3	67.9	52.8	36.7
No low scores	42.7	5.9	23.3	40.4	64.6	81	1.6	18.6	41.4	64.7	78.3	15.9	17.7	32.1	47.2	63.3
≤9th percentile																
8 low scores	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
7 or more	1.1	–	3.3	0.6	–	–	7.8	2.3	0.4	–	–	4.5	–	1.8	1.1	–
6 or more	1.8	11.8	5.6	0.8	–	–	14.1	3.1	0.7	–	–	4.5	3.8	2.2	1.9	–
5 or more	4.4	23.5	12.2	2.9	0.7	–	29.7	10.1	1.5	–	–	11.4	12.7	4.7	4.2	0.4
4 or more	9	41.2	18.9	7.7	1.4	–	45.3	19.4	5	0.7	–	13.6	27.8	9.5	8.7	1.7
3 or more	13.9	58.8	23.3	12.6	2.7	–	57.8	29.5	9.2	2.9	–	25	36.7	15	13.2	3.8
2 or more	26.8	70.6	41.1	26.8	8.2	9.5	76.6	50.4	22.9	8.6	4.3	45.5	53.2	29.6	25.7	12.7
1 or more	43.2	94.1	62.2	43.9	23.1	14.3	90.6	72.9	41.4	19.4	12	70.5	70.9	51.8	38.5	24.1
No low scores	56.8	5.9	37.8	56.1	76.9	85.7	9.4	27.1	58.6	80.6	88	29.5	29.1	48.2	61.5	75.9
≤5th percentile																
8 low scores	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
7 or more	0.3	–	–	0.4	–	–	1.6	0.8	0.2	–	–	–	–	0.4	0.8	–

6 or more	0.6	–	1.1	0.4	–	–	3.1	1.6	0.2	–	–	2.3	–	0.7	0.8	–
5 or more	1.4	5.9	2.2	1	–	–	9.4	3.1	0.7	–	–	6.8	1.3	1.8	1.1	0.4
4 or more	4	23.5	7.8	3.1	0.7	–	25	9.3	1.7	–	–	9.1	11.4	4.7	3.4	0.4
3 or more	7.2	35.3	16.7	6.1	1.4	–	34.4	17.1	4.4	–	–	11.4	25.3	8	5.7	1.3
2 or more	15.5	64.7	30	13.8	4.1	4.8	60.9	31	10.2	4.3	2.2	27.3	39.2	17.2	14.3	4.6
1 or more	29.4	88.2	38.9	29.1	15	9.5	73.4	51.9	26.4	12.9	5.4	47.7	54.4	34.3	26	15.6
No low scores	70.6	11.8	61.1	70.9	85	90.5	26.6	48.1	73.6	87.1	94.6	52.3	45.6	65.7	74	84.4

≤2nd percentile

8 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
6 or more	0.2	–	–	–	–	–	1.6	0.8	–	–	–	2.3	–	0.4	–	–
5 or more	0.3	–	–	–	–	–	1.6	0.8	0.2	–	–	2.3	–	0.7	–	–
4 or more	1.1	11.8	2.2	0.4	–	–	7.8	2.3	0.4	–	–	4.5	1.3	1.8	0.8	–
3 or more	2.9	23.5	7.8	1.7	0.7	–	15.6	8.5	1.1	–	–	4.5	8.9	3.6	2.6	–
2 or more	8.7	35.3	17.8	7.3	3.4	4.8	42.2	20.2	3.9	3.6	2.2	11.4	26.6	10.2	7.9	1.3
1 or more	17.7	58.8	28.9	15.9	8.8	9.5	59.4	31.8	13.7	7.9	3.3	27.3	38	20.1	17.4	6.8
No low scores	82.3	41.2	71.1	84.1	91.2	90.5	40.6	68.2	86.3	92.1	96.7	72.7	62	79.9	82.6	93.2

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.

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TABLE eA2.17 Base Rates of Low Age-Adjusted WMS–IV Index Scores (Five Indexes; AMI, VMI, IMI, DMI, VWMI) in 16–69-Year-Olds: Full WMS-IV, Including Visual Working Memory Subtests

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	900	17	90	478	147	21	64	129	459	139	92	44	79	275	265	237
≤25th percentile																
5 low scores	9.4	52.9	16.7	7.1	2	–	57.8	20.9	4.6	–	–	22.7	22.8	10.5	9.8	0.8
4 or more	16.1	76.5	27.8	13.4	3.4	–	70.3	39.5	9.3	2.2	–	36.4	40.5	17.1	14.7	4.6
3 or more	23.4	82.4	46.7	21.1	4.1	–	85.9	51.9	17.4	3.6	1.1	47.7	57	25.8	20.4	8.4
2 or more	33.7	88.2	55.6	31.3	14.3	4.8	95.3	68.2	29.3	7.9	2.2	59.1	63.3	37.5	33.6	14.8
1 or more	47.7	94.1	70	47.2	25.9	9.5	100	83.7	46.7	19.4	7.6	81.8	78.5	53.5	47.2	24.9
No low scores	52.3	5.9	30	52.8	74.1	90.5	16.3	53.3	80.6	92.4	18.2	21.5	46.5	52.8	75.1	
≤16th percentile																
5 low scores	5	35.3	11.1	3.3	1.4	–	39.1	10.9	1.3	–	–	9.1	16.5	4.4	5.7	0.4
4 or more	9.6	47.1	16.7	6.9	2	–	54.7	20.9	4.6	–	–	18.2	25.3	10.9	9.1	1.7
3 or more	14.8	76.5	24.4	12.5	2	–	67.2	38	8	0.7	–	36.4	38	16.4	13.2	3
2 or more	21.3	76.5	33.3	19.6	6.8	–	79.7	48.8	14.8	3.6	1.1	47.7	48.1	23.3	20	6.8
1 or more	35.7	88.2	54.4	34.2	17	4.8	96.9	71.3	30	11.5	6.5	65.9	64.6	38.5	36.2	16.5
No low scores	64.3	11.8	45.6	65.8	83	95.2	3.1	28.7	70	88.5	93.5	34.1	35.4	61.5	63.8	83.5
≤9th percentile																
5 low scores	2.6	17.6	6.7	1.7	0.7	–	21.9	5.4	0.4	–	–	6.8	8.9	2.2	2.6	–
4 or more	4.8	29.4	12.2	3.1	1.4	–	37.5	7.8	1.7	–	–	11.4	13.9	4.7	4.9	0.4
3 or more	8.3	52.9	16.7	6.5	1.4	–	50	19.4	3.7	–	–	15.9	24.1	9.1	7.9	1.3

2 or more	12.3	64.7	23.3	9.6	2	–	62.5	28.7	6.7	0.7	–	25	34.2	14.5	10.2	2.5
1 or more	21.7	76.5	35.6	19.4	5.4	4.8	82.8	48.1	14.6	3.6	2.2	43.2	48.1	25.8	18.9	7.2
No low scores	78.3	23.5	64.4	80.6	94.6	95.2	17.2	51.9	85.4	96.4	97.8	56.8	51.9	74.2	81.1	92.8
≤5th percentile																
5 low scores	1.3	5.9	5.6	0.6	–	–	10.9	3.1	0.2	–	–	2.3	2.5	1.5	1.9	–
4 or more	3	17.6	10	1.5	0.7	–	26.6	4.7	0.9	–	–	9.1	6.3	2.5	4.2	–
3 or more	4.9	29.4	12.2	3.3	1.4	–	37.5	9.3	1.7	–	–	9.1	15.2	4	5.7	0.8
2 or more	7.4	35.3	16.7	5.4	1.4	–	45.3	17.1	3.3	–	–	13.6	25.3	7.3	7.2	0.8
1 or more	13.8	58.8	24.4	11.7	3.4	4.8	70.3	29.5	7.4	2.2	1.1	25	38	16	11.3	3.8
No low scores	86.2	41.2	75.6	88.3	96.6	95.2	29.7	70.5	92.6	97.8	98.9	75	62	84	88.7	96.2
≤2nd percentile																
5 low scores	0.4	–	1.1	0.2	–	–	3.1	0.8	0.2	–	–	2.3	–	0.7	0.4	–
4 or more	1.1	5.9	2.2	0.6	–	–	10.9	1.6	0.2	–	–	6.8	1.3	1.1	1.1	–
3 or more	2.1	11.8	6.7	1.3	–	–	20.3	3.1	0.4	–	–	6.8	3.8	2.5	2.3	–
2 or more	4.1	29.4	12.2	2.1	1.4	–	28.1	7.8	1.7	–	–	9.1	15.2	4	3.8	–
1 or more	7.7	41.2	20	5	2.7	–	50	15.5	3.3	0.7	–	18.2	26.6	8	6.4	–
No low scores	92.3	58.8	80	95	97.3	100	50	84.5	96.7	99.3	100	81.8	73.4	92	93.6	–

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.

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TABLE eA2.18 Base Rates of Low Age-Adjusted WMS–IV Subtest Scores (10 Subtests; LM I & II, VPA I & II, VR I & II, DE I & II, SA, SY) in 16–69-Year-Olds: Full WMS–IV, Including Visual Working Memory Subtests

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	900	17	90	478	147	21	64	129	459	139	92	44	79	275	265	237
≤25th percentile																
10 low scores	2.8	17.6	6.7	1.9	0.7	–	26.6	3.9	0.7	–	–	4.5	10.1	3.3	2.3	–
9 or more	5.3	29.4	10	3.1	2	–	39.1	9.3	2.4	–	–	11.4	16.5	4.7	5.7	0.8
8 or more	8.8	41.2	17.8	6.5	2	–	50	20.2	4.1	–	–	18.2	20.3	10.5	8.7	1.3
7 or more	12.4	58.8	23.3	9.8	2	–	60.9	30.2	7	–	–	29.5	30.4	14.2	10.9	3
6 or more	18.8	76.5	35.6	16.5	2.7	–	75	47.3	12.2	–	1.1	43.2	46.8	20	16.2	6.3
5 or more	28.4	88.2	48.9	26.9	9.5	4.8	92.2	60.5	23	5.8	1.1	54.5	60.8	31.6	26	11.8
4 or more	37.3	94.1	58.9	36.1	16.3	4.8	95.3	69.8	35.2	7.9	4.3	68.2	67.1	42.9	34.7	18.1
3 or more	49.4	94.1	70	49.9	25.2	4.8	98.4	81.4	51.1	19.4	7.6	72.7	81	57.5	49.1	25.7
2 or more	62.8	100	82.2	65.1	40.8	19	100	92.2	65.2	39.6	18.5	88.6	86.1	72	60.4	42.2
1 or more	79	–	93.3	82.7	60.5	42.9	–	96.9	83.9	60.4	42.4	97.7	92.4	86.5	78.1	63.3
No low scores	21		6.7	17.3	39.5	57.1		3.1	16.1	39.6	57.6	2.3	7.6	13.5	21.9	36.7
≤16th percentile																
10 low scores	1.3	5.9	4.4	1	–	–	12.5	2.3	0.2	–	–	2.3	3.8	1.8	1.1	–
9 or more	2.7	17.6	5.6	1.5	0.7	–	23.4	3.9	0.9	–	–	9.1	8.9	2.2	2.3	0.4
8 or more	4.7	23.5	12.2	2.7	0.7	–	37.5	9.3	1.1	–	–	11.4	16.5	4.4	4.2	0.4
7 or more	7.4	41.2	15.6	5.2	1.4	–	48.4	15.5	3.3	–	–	13.6	22.8	8	7.2	0.8

6 or more	11.2	58.8	21.1	8.8	1.4	—	60.9	26.4	5.9	—	—	22.7	30.4	13.1	9.4	2.5
5 or more	16.6	64.7	30	14.6	3.4	—	68.8	41.1	10.2	—	1.1	38.6	41.8	17.8	14.3	5.1
4 or more	23	82.4	40	21.1	5.4	4.8	85.9	51.9	16.3	2.9	1.1	45.5	54.4	25.5	20.8	8
3 or more	34.1	82.4	54.4	33.4	13.6	4.8	93.8	65.9	30.2	8.6	3.3	61.4	64.6	37.8	34	14.8
2 or more	47.4	94.1	70	47.6	24.5	14.3	100	80.6	45.9	20.9	10.9	77.3	77.2	55.3	44.9	25.7
1 or more	63.8	94.1	83.3	66.8	40.1	19	—	89.1	66.3	41	25	90.9	84.8	73.5	59.6	45.1
No low scores	36.2	5.9	16.7	33.2	59.9	81		10.9	33.7	59	75	9.1	15.2	26.5	40.4	54.9
≤9th percentile																
10 low scores	0.1	—	—	—	—	—	1.6	—	—	—	—	—	—	0.4	—	—
9 or more	0.9	—	3.3	0.6	—	—	7.8	1.6	0.2	—	—	2.3	—	1.5	1.1	—
8 or more	1.4	5.9	4.4	0.6	—	—	12.5	2.3	0.4	—	—	4.5	2.5	1.8	1.5	—
7 or more	2.7	17.6	10	1	—	—	23.4	4.7	0.4	—	—	9.1	7.6	2.2	3	—
6 or more	4.8	29.4	13.3	3.5	0.7	—	32.8	10.1	1.7	—	—	9.1	15.2	5.8	4.2	—
5 or more	7.6	41.2	17.8	6.1	1.4	—	46.9	15.5	3.7	—	—	18.2	24.1	8	6.8	0.4
4 or more	12	58.8	23.3	9.8	2	—	64.1	27.1	6.1	0.7	—	31.8	34.2	12.7	9.8.	2.5
3 or more	18.6	64.7	33.3	16.9	3.4	—	76.6	39.5	12.6	3.6	—	38.6	43	20	18.1	5.5
2 or more	30.6	88.2	47.8	29.9	10.2	9.5	87.5	60.5	25.4	9.4	4.3	56.8	58.2	34.5	28.3	14.3
1 or more	48.7	94.1	68.9	49.3	27.2	14.3	95.3	79.8	47.8	22.3	15.2	77.3	77.2	57.8	43.4	29.1
No low scores	51.3	5.9	31.1	50.7	72.8	85.7	4.7	20.2	52.2	77.7	84.8	22.7	22.8	42.2	56.6	70.9

(Continued)

TABLE eA2.18 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
≤5th percentile																
10 low scores	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
9 or more	0.2	–	–	0.2	–	–	1.6	–	0.2	–	–	–	–	0.4	0.4	–
8 or more	0.4	–	1.1	0.4	–	–	3.1	0.8	0.2	–	–	–	–	0.7	0.8	–
7 or more	0.8	–	1.1	0.6	–	–	6.3	1.6	0.2	–	–	4.5	–	0.7	1.1	–
6 or more	1.6	–	4.4	1	–	–	14.1	3.1	0.2	–	–	6.8	1.3	1.5	2.3	–
5 or more	3.4	17.6	10	2.3	–	–	26.6	7	0.9	–	–	9.1	10.1	3.6	3	0.4
4 or more	6.4	35.3	16.7	5	1.4	–	40.6	14.7	2.6	–	–	13.6	21.5	6.9	5.3	0.8
3 or more	9	58.8	23.3	6.9	1.4	–	54.7	18.6	4.6	–	–	22.7	31.6	9.5	6.4	1.3
2 or more	17.4	70.6	32.2	15	4.8	4.8	70.3	36.4	11.1	5	2.2	29.5	41.8	19.6	16.6	5.5
1 or more	34.4	88.2	46.7	33.4	17	9.5	85.9	63.6	30.2	13.7	7.6	61.4	64.6	40	29.4	18.6
No low scores	65.6	11.8	53.3	66.6	83	90.5	14.1	36.4	69.8	86.3	92.4	38.6	35.4	60	70.6	81.4
≤2nd percentile																
10 low scores	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–
8 or more	0.1	–	–	–	–	–	1.6	–	–	–	–	–	–	0.4	–	–

7 or more	0.2	–	–	–	–	–	1.6	0.8	–	–	–	2.3	–	0.4	–	–
6 or more	0.2	–	–	–	–	–	1.6	0.8	–	–	–	2.3	–	0.4	–	–
5 or more	0.8	5.9	2.2	–	–	–	7.8	0.8	0.2	–	–	4.5	1.3	0.7	0.8	–
4 or more	2	17.6	5.6	0.8	0.7	–	15.6	3.9	0.7	–	–	6.8	5.1	2.5	1.5	–
3 or more	4.2	23.5	13.3	2.7	0.7	–	29.7	10.1	1.3	–	–	6.8	16.5	4.4	3.8	–
2 or more	9.8	52.9	18.9	7.9	4.1	4.8	50	22.5	4.1	4.3	2.2	13.6	30.4	10.5	9.4	1.7
1 or more	21	64.7	34.4	18.6	9.5	9.5	76.6	39.5	15.4	7.9	4.3	36.4	45.6	24.7	18.9	8
No low scores	79	35.3	65.6	81.4	90.5	90.5	23.4	60.5	84.6	92.1	95.7	63.6	54.5	75.3	81.1	92

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.19 Base Rates of Low Age-Adjusted WMS–IV Older Adult Index Scores (AMI, VMI, IMI, DMI) in 65–90-Year-Olds: WMS–IV Battery Containing LM, VPA, and VR

Number of Low Scores	Total Sample	TOFF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	500	11	30	170	34	14	33	60	197	49	27	65	65	176	95	99
≤25th percentile																
4 low scores	12.6	45.5	43.3	11.8	8.8	–	54.5	28.3	10.2	–	–	26.2	16.9	13.1	8.4	4
3 or more	21	54.5	56.7	21.8	8.8	–	69.7	58.3	14.7	2	3.7	46.2	29.2	19.9	14.7	7.1
2 or more	30.8	72.7	70	30.6	14.7	14.3	87.9	71.7	24.9	8.2	3.7	56.9	43.1	30.1	22.1	15.2
1 or more	41.2	90.9	70	42.4	17.6	14.3	93.9	80	37.6	10.2	3.7	66.2	47.7	46.6	28.4	23.2
No low scores	58.8	9.1	30	57.6	82.4	85.7	6.1	20	62.4	89.8	96.3	33.8	52.3	53.4	71.6	76.8
≤16th percentile																
4 low scores	7.2	18.2	33.3	5.9	5.9	–	39.4	16.7	4.6	–	–	20	10.8	6.3	3.2	2
3 or more	14	45.5	40	12.9	8.8	–	57.6	33.3	10.2	2	3.7	29.2	23.1	13.1	6.3	7.1
2 or more	21.8	63.6	50	21.2	8.8	7.1	69.7	61.7	14.2	4.1	3.7	38.5	308	22.2	15.8	10.1
1 or more	29.8	72.7	63.3	30	14.7	14.3	78.8	75	24.4	8.2	3.7	52.3	40	29.5	22.1	16.2
No low scores	70.2	27.3	36.7	70	85.3	85.7	21.2	25	75.6	91.8	96.3	47.7	60	70.5	77.9	83.8
≤9th percentile																
4 low scores	2.8	18.2	6.7	1.8	5.9	–	15.2	8.3	1	–	–	7.7	3.1	2.8	–	2
3 or more	6.4	18.2	23.3	4.7	5.9	–	36.4	15	3	–	3.7	15.4	12.3	6.3	1.1	2
2 or more	10.8	36.4	33.3	9.4	5.9	7.1	48.5	26.7	7.6	2	3.7	23.1	138	13.1	3.2	4

1 or more	19.8	54.5	40	19.4	11.8	7.1	60.6	58.3	13.7	4.1	3.7	36.9	24.6	21.6	11.6	10.1
No low scores	80.2	45.5	60	80.6	88.2	92.9	39.4	41.7	86.3	95.9	96.3	63.1	75.4	78.4	88.4	89.9
≤5th percentile																
4 low scores	1.2	–	3.3	0.6	–	–	9.1	1.7	–	–	–	3.1	1.5	1.7	–	–
3 or more	3.2	18.2	13.3	1.8	2.9	–	24.2	5	1.5	–	–	10.8	4.6	1.7	1.1	2
2 or more	6.4	27.3	16.7	4.1	5.9	7.1	36.4	13.3	3	2	3.7	16.9	6.2	6.8	2.1	3
1 or more	12	36.4	33.3	10.6	8.8	7.1	57.6	28.3	7.1	2	3.7	21.5	18.5	13.6	5.3	5.1
No low scores	88	63.6	66.7	89.4	91.2	92.9	42.4	71.7	92.9	98	96.3	78.5	81.5	86.4	94.7	94.9
≤2nd percentile																
4 low scores	0.8	–	3.3	–	–	–	6.1	–	–	–	–	1.5	1.5	1.1	–	–
3 or more	1	–	6.7	–	–	–	9.1	–	–	–	–	1.5	3.1	1.1	–	–
2 or more	2.6	18.2	10	0.6	5.9	–	21.2	3.3	0.5	–	–	6.2	4.6	2.8	–	1
1 or more	5.2	27.3	13.3	2.4	5.9	–	33.3	11.7	1	–	3.7	10.8	7.7	5.7	1.1	3
No low scores	94.8	72.7	86.7	97.6	94.1	100	66.7	88.3	99	100	96.3	89.2	92.3	94.3	98.9	97

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.20 Base Rates of Low Age-Adjusted WMS–IV Older Adult Subtest Scores (Six Subtests; LM, VPA, VR) in 65–90-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
<i>N</i>	500	11	30	170	34	14	33	60	197	49	27	65	65	176	95	99
≤25th percentile																
6 low scores	5.4	18.2	13.3	4.1	5.9	–	24.2	10	5.1	–	–	12.3	6.2	6.8	1.1	2
5 or more	10.6	36.4	36.7	8.2	5.9	–	42.4	26.7	7.6	–	–	26.2	12.3	11.9	4.2	3
4 or more	21.6	63.6	53.3	22.4	8.8	7.1	69.7	60	14.7	4.1	3.7	46.2	27.7	22.2	14.7	7.1
3 or more	30.2	72.7	63.3	32.9	17.6	21.4	78.8	66.7	25.4	12.2	3.7	58.5	33.8	30.7	22.1	16.2
2 or more	47.2	81.8	70	52.4	26.5	21.4	90.9	80	47.2	16.3	11.1	69.2	56.9	50.6	36.8	30.3
1 or more	64.8	100	83.3	66.5	44.1	28.6	100	88.3	67	34.7	18.5	86.2	70.8	65.3	55.8	54.5
No low scores	35.2		16.7	33.5	55.9	71.4		11.7	33	65.3	81.5	13.8	29.2	34.7	44.2	45.5
≤16th percentile																
6 low scores	2.2	9.1	6.7	1.8	–	–	15.2	6.7	–	–	–	6.2	3.1	2.3	–	1
5 or more	4.8	27.3	16.7	4.7	5.9	–	27.3	10	3.6	–	–	10.8	6.2	5.1	2.1	2
4 or more	11	27.3	36.7	11.2	5.9	–	51.5	28.3	7.1	2	–	29.2	15.4	10.8	5.3	2
3 or more	18.6	54.5	43.3	17.6	8.8	7.1	63.6	48.3	13.7	4.1	3.7	38.5	23.1	19.3	11.6	8.1
2 or more	32.2	72.7	63.3	34.1	17.6	14.3	81.8	76.7	26.4	8.2	7.4	53.8	43.1	32.4	25.3	17.2
1 or more	49.6	90.9	70	53.5	32.4	21.4	93.9	81.7	50.8	20.4	11.1	73.8	58.5	53.4	37.9	32.3
No low scores	50.4	9.1	30	46.5	67.6	78.6	6.1	18.3	49.2	79.6	88.9	26.2	41.5	46.6	62.1	67.7

≤9th percentile

6 low scores	0.8	—	3.3	—	—	—	6.1	—	—	—	—	1.5	—	1.7	—	—
5 or more	2	9.1	13.3	—	2.9	—	18.2	1.7	0.5	—	—	4.6	4.6	1.7	—	1
4 or more	5	18.2	23.3	2.9	5.9	—	27.3	15	1.5	—	—	10.8	9.2	5.1	1.1	2
3 or more	10.2	36.4	30	9.4	8.8	7.1	42.4	28.3	6.1	2	3.7	21.5	12.3	12.5	2.1	5.1
2 or more	21.6	54.5	53.3	18.8	11.8	7.1	69.7	50	16.2	4.1	3.7	40	29.2	23.3	9.5	13.1
1 or more	38.8	90.9	63.3	41.2	20.6	21.4	90.9	76.7	37.1	12.2	3.7	61.5	50.8	40.9	28.4	22.2
No low scores	61.2	9.1	36.7	58.8	79.4	78.6	9.1	23.3	62.9	87.8	96.3	38.5	49.2	59.1	71.6	77.8

≤5th percentile

6 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 or more	0.2	—	—	—	—	—	—	—	—	—	—	1.5	—	—	—	—
4 or more	1.6	—	6.7	0.6	2.9	—	12.1	1.7	0.5	—	—	4.6	3.1	1.1	—	1
3 or more	4.8	27.3	13.3	2.9	5.9	7.1	30.3	13.3	1	2	3.7	13.8	4.6	5.1	—	3
2 or more	9.8	27.3	26.7	7.6	5.9	7.1	45.5	25	5.1	2	3.7	24.6	15.4	8	4.2	5.1
1 or more	23.8	81.8	46.7	23.5	14.7	7.1	72.7	58.3	19.8	4.1	3.7	44.6	30.8	23.9	13.7	15.2
No low scores	76.2	18.2	53.3	76.5	85.3	92.9	27.3	41.7	80.2	95.9	96.3	55.4	69.2	76.1	86.3	84.8

≤2nd percentile

6 low scores	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(Continued)

TABLE eA2.20 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
4 or more	0.6	–	3.3	–	–	–	6.1	–	–	–	–	1.5	1.5	0.6	–	–
3 or more	2	9.1	6.7	0.6	2.9	–	15.2	1.7	0.5	–	3.7	6.2	3.1	1.7	–	1
2 or more	6	27.3	13.3	4.7	5.9	7.1	30.3	13.3	2	2	3.7	10.8	12.3	4.5	2.1	5.1
1 or more	16.2	54.5	33.3	13.5	8.8	7.1	57.6	45	10.2	2	3.7	35.4	18.5	14.8	9.5	11.1
No low scores	83.8	45.5	66.7	86.5	91.2	92.9	42.4	55	89.8	98	96.3	64.6	81.5	85.2	90.5	88.9

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.
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TABLE eA2.21 Base Rates of Low Age-Adjusted Auditory Working Memory Subtest Scores (DS, AR, LNS) Across Levels of Estimated Intellectual Abilities in 16–69-Year-Olds

Number of Low Scores	TOPF-Demographics Predicted FSIQ											
	Entire Adult Sample		Unusually low		Low average		Average		High average		Superior/Very superior	
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%
≤25th percentile												
3	13.7	13.7	77.3	77.3	36.8	36.8	9.0	9.0	0.6	0.6	–	–
2	13.6	27.2	18.2	95.5	25.3	62.1	13.6	22.6	1.9	2.5	–	–
1	20.7	47.9	4.5	100	20.0	82.1	25.3	47.9	10.2	12.7	4.5	4.5
0	52.1	100	–	–	17.9	100	52.1	100.0	87.3	100	95.5	100
≤16th percentile												
3	5.0	5.0	40.9	40.9	17.9	17.9	1.9	1.9	–	–	–	–
2	8.7	13.7	27.3	68.2	22.1	40.0	6.9	8.8	–	–	–	–
1	18.1	31.8	27.3	95.5	26.3	66.3	19.5	28.2	6.4	6.4	–	–
0	68.2	100	4.5	100	33.7	100	71.8	100.0	93.6	100	100	100
≤9th percentile												
3	2.0	2.0	22.7	22.7	6.3	6.3	0.4	0.4	–	–	–	–
2	4.3	6.3	40.9	63.6	12.6	18.9	1.9	2.3	–	–	–	–
1	13.3	19.7	13.6	77.3	24.2	43.2	13.6	15.9	3.2	3.2	–	–
0	80.3	100	22.7	100	56.8	100	84.1	100.0	96.8	100	100	100

(Continued)

TABLE eA2.21 (Continued)

Number of Low Scores	Entire Adult Sample		TOPF-Demographics Predicted FSIQ									
			Unusually low		Low average		Average		High average		Superior/Very superior	
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%
≤5th percentile												
3	0.6	0.6	–	–	3.2	3.2	–	–	–	–	–	–
2	2.3	2.9	27.3	27.3	7.4	10.5	0.8	0.8	–	–	–	–
1	6.9	9.8	31.8	59.1	13.7	24.2	5.9	6.7	–	–	–	–
0	90.2	100	40.9	100	75.8	100	93.3	100.0	100	100	100	100
≤2nd percentile												
3	–	–	–	–	–	–	–	–	–	–	–	–
2	0.8	0.8	13.6	13.6	3.2	3.2	–	–	–	–	–	–
1	2.3	3.1	13.6	27.3	5.3	8.4	1.5	1.5	–	–	–	–
0	96.9	100	72.7	100	91.6	100	98.5	100.0	100	100	100	100

Note: N = 900. C% = cumulative percentage. Cut-off scores included: ≤16th percentile (≤ -1SD or SS ≤7); ≤9th percentile (SS ≤6); ≤5th percentile (SS ≤5); and below the 2nd percentile (< -2SD or SS ≤4). TOPF-demographics predicted full scale IQ included: Unusually low (<80; n = 17); Low average (80–89; n = 90); Average (90–109; n = 479); High average (110–119; n = 147); Superior/Very Superior (120+; n = 21). Standardization data from the WAIS-IV.

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TABLE eA2.22 Base Rates of Low Age-Adjusted Auditory Working Memory Subtest Scores (DS, AR, LNS) Across Levels of Education in 16–69-Year-Olds

Number of Low Scores	Levels of Education									
	< 8 Years		9–11 Years		12 Years		13–15 Years		16+ Years	
	%	C%	%	C%	%	C%	%	C%	%	C%
≤25th percentile										
3	58.5	58.5	37.2	37.2	13.8	13.8	9.4	9.4	2.9	2.9
2	24.4	82.9	24.4	61.5	17.0	30.8	12.0	21.4	5.9	8.8
1	9.8	92.7	21.8	83.3	27.5	58.3	21.1	42.5	13.8	22.6
0	7.3	100	16.7	100	41.7	100	57.5	100	77.4	100
≤16th percentile										
3	24.4	24.4	16.7	16.7	4.0	4.0	3.8	3.8	0.4	0.4
2	36.6	61.0	14.1	30.8	12.3	16.3	6.4	10.2	0.4	0.8
1	24.4	85.4	35.9	66.7	21.7	38.0	14.3	24.4	11.3	12.1
0	14.6	100	33.3	100	62.0	100	75.6	100	87.9	100
≤9th percentile										
3	14.6	14.6	7.7	7.7	0.7	0.7	1.1	1.1	0.4	0.4
2	14.6	29.3	12.8	20.5	5.8	6.5	2.6	3.8	–	–
1	41.5	70.7	21.8	42.3	17.4	23.9	9.8	13.5	5.0	5.4
0	29.3	100	57.7	100	76.1	100	86.5	100	94.6	100
≤5th percentile										
3	2.4	2.4	2.6	2.6	–	–	0.4	0.4	0.4	0.4
2	7.3	9.8	9.0	11.5	2.9	2.9	1.1	1.5	–	–
1	26.8	36.6	12.8	24.4	9.8	12.7	4.9	6.4	0.4	0.8
0	63.4	100	75.6	100	87.3	100	93.6	100	99.2	100
≤2nd percentile										
3	–	–	–	–	–	–	–	–	0.4	0.4
2	4.9	4.9	3.8	3.8	0.4	0.4	–	–	–	–
1	7.3	12.2	9.0	12.8	2.9	3.3	1.1	1.1	–	–
0	87.8	100	87.2	100	96.7	100	98.9	100	99.6	100

Note: Sample sizes across the levels of education included: ≤8 years ($n = 42$); 9–11 years ($n = 78$); 12 years ($n = 273$); 13–15 years ($n = 261$); 16+ years ($n = 234$). C% = cumulative percentage. Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$).

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TABLE eA2.23 Base Rates of Low Age-Adjusted Processing Speed Subtest Scores (CD, SS, CAN) Across Levels of Estimated Intellectual Abilities in 16–69-Year-Olds

Number of Low Scores	TOPF-Demographics Predicted FSIQ												
	Entire Adult Sample		Unusually Low		Low Average		Average		High Average		Superior/Very Superior		
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%	
≤25th percentile													
3	11.7	11.7	54.5	54.5	21.1	21.1	8.8	8.8	3.8	3.8	4.5	4.5	
2	15.4	27.1	40.9	95.5	25.3	46.3	14.3	23.1	8.9	12.7	–	–	
1	25.6	52.7	4.5	100	25.3	71.6	28.1	51.2	20.4	33.1	22.7	22.7	
0	47.2	100	–	–	28.4	100	48.8	100.0	66.9	100	72.7	72.7	
≤16th percentile													
3	5.4	5.5	27.3	27.3	13.7	13.7	3.1	3.1	–	–	4.5	4.5	
2	11.9	17.4	31.8	59.1	23.2	36.8	9.6	12.8	7	7	–	–	
1	18.9	36.3	31.8	90.9	18.9	55.8	19.1	31.9	14.6	21.7	9.1	13.6	
0	63.7	100	9.1	100	44.2	100	68.1	100.0	78.3	100	86.4	100	
≤9th percentile													
3	2.2	2.2	9.1	9.1	6.3	6.3	1.0	1.0	–	–	–	–	
2	6.1	8.3	22.7	31.8	10.5	16.8	4.8	5.9	2.5	2.5	4.5	4.5	
1	13.0	21.4	36.4	68.2	22.1	38.9	12.2	18.0	6.4	8.9	4.5	9.1	
0	78.6	100	31.8	100	61.1	100	82.0	100.0	91.1	100	90.9	100	

≤5th percentile

3	0.7	0.7	4.5	4.5	2.1	2.1	0.2	0.2	–	–	–	–
2	3.2	3.9	13.6	18.2	11.6	13.7	1.7	1.9	0.6	0.6	–	–
1	8.9	12.8	31.8	50.0	11.6	25.3	6.5	8.4	6.4	7.0	4.5	4.5
0	87.1	100	50.0	100	74.7	100	91.6	100.0	93.0	100	95.5	100

≤2nd percentile

3	0.4	0.4	–	–	2.1	2.1	0.2	0.2	–	–	–	–
2	0.7	1.1	–	–	3.2	5.3	0.2	0.4	–	–	–	–
1	4.1	5.2	27.3	27.3	9.5	14.7	2.7	3.1	0.6	0.6	–	–
0	94.7	100	72.7	100	85.3	100	96.9	100.0	99.4	100	100	100

Note: $N = 900$. C% = cumulative percentage. Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$). TOPF-demographics predicted full scale IQ included: Unusually low (< 80 ; $n = 17$); Low average (80–89; $n = 90$); Average (90–109; $n = 479$); High average (110–119; $n = 147$); Superior/Very Superior (120+; $n = 21$). Standardization data from the WAIS–IV.

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TABLE eA2.24 Base Rates of Low Age-Adjusted Processing Speed Subtest Scores (CD, SS, CAN) Across Levels of Education in 16–69-Year-Olds

Number of Low Scores	Levels of Education									
	< 8 Years		9–11 Years		12 Years		13–15 Years		16+ Years	
	%	C%	%	C%	%	C%	%	C%	%	C%
≤25th percentile										
3	22.0	22.0	26.9	26.9	13.5	13.5	9.4	9.4	5.4	5.4
2	34.1	56.1	23.1	50.0	16.0	29.5	15.4	24.8	9.2	14.6
1	14.6	70.7	26.9	76.9	26.5	56.0	28.6	53.4	22.6	37.2
0	29.3	100	23.1	100	44	100	46.6	100	62.8	100
≤16th percentile										
3	14.6	14.6	12.8	12.8	5.8	5.8	4.5	4.5	2.1	2.1
2	26.8	41.5	21.8	34.6	14.5	20.4	10.9	15.4	4.2	6.3
1	19.5	61.0	23.1	57.7	17.8	38.2	19.2	34.6	18.4	24.7
0	39.0	100	42.3	100	61.8	100	65.4	100	75.3	100
≤9th percentile										
3	9.8	9.8	6.4	6.4	1.5	1.5	2.3	2.3	0.4	0.4
2	14.6	24.4	7.7	14.1	7.6	9.1	5.6	7.9	2.9	3.3
1	24.4	48.8	24.4	38.5	14.5	23.6	11.7	19.5	7.1	10.5
0	51.2	100	61.5	100	76.4	100	80.5	100	89.5	100
≤5th percentile										
3	2.4	2.4	2.6	2.6	–	–	0.8	0.8	0.4	0.4
2	17.1	19.5	2.6	5.1	4.0	4.0	1.9	2.6	1.7	2.1
1	19.5	39.0	20.5	25.6	8.4	12.4	8.6	11.3	4.2	6.3
0	61	100	74.4	100	87.6	100	88.7	100	93.7	100
≤2nd percentile										
3	–	–	2.6	2.6	–	–	0.4	0.4	0.4	0.4
2	4.9	4.9	–	–	0.7	0.7	0.8	1.1	–	–
1	17.1	22.0	7.7	10.3	5.1	5.8	3.0	4.1	0.8	1.3
0	78.0	100	89.7	100	94.2	100	95.9	100	98.7	100

Note: Sample sizes across the levels of education included: : ≤8 years ($n = 42$); 9–11 years ($n = 78$); 12 years ($n = 273$); 13–15 years ($n = 261$); 16+ years ($n = 234$). Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$).

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TABLE eA2.25 Base Rates of Low Age-Adjusted Visual Working Memory Subtest Scores on the WMS–IV Across Levels of Estimated Intellectual Abilities in 16–69-Year-Olds

Number of Low Scores	TOPF-Demographics Predicted FSIQ											
	Entire Adult Sample		Unusually Low		Low Average		Average		High Average		Superior/Very Superior	
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%
≤25th percentile												
2	17.3	17.3	72.7	72.7	38.9	38.9	15.0	15.0	5.7	5.7	–	–
1	27.9	45.3	27.3	100.0	27.4	66.3	30.1	45.1	16.6	22.3	4.5	4.5
0	54.	100.0	–	–	33.7	100.0	54.9	100.0	77.7	100.0	95.5	100.0
≤16th percentile												
2	11.5	11.5	54.5	54.5	25.3	25.3	9.2	9.2	1.9	1.9	–	–
1	22.1	33.6	27.3	81.8	30.5	55.8	22.1	31.3	11.5	13.4	–	–
0	66.4	100.0	18.2	100.0	44.2	100.0	68.7	100.0	86.6	100.0	100.0	100.0
≤9th percentile												
2	5.1	5.1	27.3	27.3	12.6	12.6	3.8	3.8	0.6	0.6	–	–
1	16.9	22.0	40.9	68.2	28.4	41.1	14.8	18.6	5.7	6.4	–	–
0	78.0	100.0	31.8	100.0	58.9	100.0	81.4	100.0	93.6	100.0	100.0	100.0

(Continued)

TABLE eA2.25 (Continued)

Number of Low Scores	TOPF-Demographics Predicted FSIQ											
	Entire Adult Sample		Unusually Low		Low Average		Average		High Average		Superior/Very Superior	
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%
≤5th percentile												
2	2.4	2.4	9.1	9.1	8.4	8.4	1.7	1.7	–	–	–	–
1	10.7	13.1	31.8	40.9	17.9	26.3	7.7	9.4	3.2	3.2	–	–
0	86.9	100.0	59.1	100.0	73.7	100.0	90.6	100.0	96.8	100.0	100.0	100.0
≤2nd percentile												
2	0.6	0.6	4.5	4.5	3.2	3.2	15.0	15.0	–	–	–	–
1	6.4	7.0	27.3	31.8	13.7	16.8	30.1	45.1	1.3	1.3	–	–
0	93.0	100.0	68.2	100.0	83.2	100.0	54.9	100.0	98.7	100.0	100.0	100.0

Note: $N = 900$. C% = cumulative percentage. Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$). TOPF-demographics predicted full scale IQ included: Unusually low (< 80 ; $n = 17$); Low average (80–89; $n = 90$); Average (90–109; $n = 479$); High average (110–119; $n = 147$); Superior/Very Superior (120+; $n = 21$). Standardization data for the WMS–IV.

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TABLE eA2.26 Base Rates of Low Age-Adjusted Visual Working Memory Subtest Scores on the WMS-IV Across Levels of Education in 16-69-Year-Olds

Number of Low Scores	Levels of Education									
	< 8 Years		9-11 Years		12 Years		13-15 Years		16 + Years	
	%	C%	%	C%	%	C%	%	C%	%	C%
≤25th percentile										
2	56.1	56.1	42.3	42.3	22.8	22.8	14.7	14.7	5.0	5.0
1	29.3	85.4	25.6	67.9	29.7	52.5	28.9	43.6	20.5	25.5
0	14.6	100.0	32.1	100.0	47.5	100.0	56.4	100.0	74.5	100.0
≤16th percentile										
2	43.9	43.9	30.8	30.8	12.0	12.0	8.6	8.6	2.1	2.1
1	26.8	70.7	29.5	60.3	24.3	36.2	24.4	33.1	16.3	18.4
0	29.3	100.0	39.7	100.0	63.8	100.0	66.9	100.0	81.6	100.0
≤ 9th percentile										
2	22.0	22.0	16.7	16.7	5.1	5.1	4.9	4.9	0.4	0.4
1	43.9	65.9	28.2	44.9	20.3	25.4	15.8	20.7	7.1	7.5
0	34.1	100.0	55.1	100.0	74.6	100.0	79.3	100.0	92.5	100.0
≤5th percentile										
2	4.9	4.9	10.3	10.3	1.1	1.1	3.0	3.0	—	—
1	36.6	41.5	23.1	33.3	12.0	13.0	9.4	12.4	4.2	4.2
0	58.5	100.0	66.7	100.0	87.0	100.0	87.6	100.0	95.8	100.0
≤2nd percentile										
2	4.9	4.9	5.1	5.1	—	—	0.8	0.8	—	—
1	24.4	29.3	15.4	20.5	6.5	6.5	3.8	4.5	1.7	1.7
0	70.7	100.0	79.5	100.0	93.5	100.0	95.5	100.0	98.3	100.0

Note: Sample sizes across the levels of education included: ≤8 years ($n = 42$); 9-11 years ($n = 78$); 12 years ($n = 273$); 13-15 years ($n = 261$); 16 + years ($n = 234$). C% = cumulative percentage. Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$).

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TABLE eA2.27 Base Rates of Low Age-Adjusted Immediate and Delayed Memory Subtest Scores on the WMS–IV Across Levels of Estimated Intellectual Abilities in 16–69-Year-Olds

Number of Low Scores	TOPF-Demographics Predicted FSIQ												
	Entire Adult Sample		Unusually Low		Low Average		Average		High Average		Superior/ Very Superior		
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%	
Immediate Memory Subtests													
≤25th percentile													
4	5.4	5.4	36.4	36.4	9.5	9.5	3.3	3.3	0.6	0.6	–	–	
3	11.1	16.6	31.8	68.2	20.0	29.5	10.3	13.6	3.8	4.5	–	–	
2	19.9	36.4	18.2	86.4	25.3	54.7	22.2	35.8	12.1	16.6	–	–	
1	26.2	62.7	13.6	100	28.4	83.2	28.9	64.6	24.2	40.8	27.3	27.3	
0	37.3	100	–	–	16.8	100	35.4	100.0	59.2	100	72.7	100	
≤16th percentile													
4	2.7	2.7	9.1	9.1	5.3	5.3	2.1	2.1	–	–	–	–	
3	6.0	8.7	40.9	50.0	10.5	15.8	4.0	6.1	0.6	0.6	–	–	
2	14.1	22.8	22.7	72.7	25.3	41.1	14.2	20.3	7.0	7.6	–	–	
1	26.2	49.0	18.2	90.9	31.6	72.6	29.9	50.2	17.2	24.8	13.6	13.6	
0	51.0	100	9.1	100	27.4	100	49.8	100	75.2	100	86.4	100	

≤9th percentile

4	0.9	0.9	4.5	4.5	2.1	2.1	0.6	0.6	—	—	—	—
3	2.9	3.8	13.6	18.2	7.4	9.5	1.9	2.5	0.6	0.6	—	—
2	8.6	12.3	27.3	45.5	13.7	23.2	8.8	11.3	0.6	1.3	—	—
1	23.3	35.7	40.9	86.4	32.6	55.8	22.6	33.9	15.9	17.2	13.6	13.6
0	64.3	100	13.6	100	44.2	100	66.1	100	82.8	100	86.4	100

≤5th percentile

4	0.4	0.4	—	—	—	—	0.6	0.6	—	—	—	—
3	1.2	1.7	9.1	9.1	3.2	3.2	0.6	1.3	—	—	—	—
2	4.7	6.3	18.2	27.3	11.6	14.7	3.8	5.0	0.6	0.6	—	—
1	15.3	21.7	40.9	68.2	20.0	34.7	14.6	19.7	7.6	8.3	4.5	4.5
0	78.3	100	31.8	100	65.3	100	80.3	100	91.7	100	95.5	100

≤ 2nd percentile

4	0.1	0.1	—	—	—	—	0.2	0.2	—	—	—	—
3	0.4	0.6	4.5	4.5	1.1	1.1	0.0	2.1	—	—	—	—
2	2.1	2.7	18.2	22.7	3.2	4.2	1.9	2.1	0.6	0.6	—	—
1	10.4	13.1	40.9	63.6	16.8	21.1	9.6	11.7	2.5	3.2	4.5	4.5
0	86.9	100	36.4	100	78.9	100	88.3	100	96.8	100	95.5	100

(Continued)

TABLE eA2.27 (Continued)

Number of Low Scores	TOPF-Demographics Predicted FSIQ												
	Entire Adult Sample		Unusually Low		Low Average		Average		High Average		Superior/ Very Superior		
	%	C%	%	C%	%	C%	%	C%	%	C%	%	C%	
Delayed Memory Subtests													
≤25th percentile													
4	6.4	6.4	35.3	35.3	6.8	6.8	4.6	4.6	2.7	2.7	0	0	
3	10.6	17.0	17.6	52.9	19.3	26.1	10.9	15.4	1.4	4.1	4.8	4.8	
2	17.1	34.1	29.4	82.4	21.6	47.7	17.5	33.0	14.3	18.4	0	4.8	
1	25.0	59.1	5.9	88.2	31.8	79.5	28.4	61.4	19.0	37.4	19.0	23.8	
0	40.9	100	11.8	100.0	20.5	100.0	38.6	100.0	62.6	100.0	76.2	100	
≤16th percentile													
4	2.4	2.4	9.1	9.1	5.3	5.3	1.7	1.7	0.6	0.6	–	–	
3	6.2	8.7	27.3	36.4	8.4	13.7	5.4	7.1	1.3	1.9	–	–	
2	15.7	24.3	36.4	72.7	25.3	38.9	17.2	24.3	3.2	5.1	–	–	
1	25.9	50.2	18.2	90.9	28.4	67.4	26.8	51.0	25.5	30.6	27.3	27.3	
0	49.8	100	9.1	100	32.6	100	49.0	100	69.4	100	72.7	100	

≤9th percentile

4	0.7	0.7	–	–	3.2	3.2	0.2	0.2	–	–	–	–
3	2.2	2.9	13.6	13.6	4.2	7.4	1.9	2.1	0.6	0.6	–	–
2	8.4	11.3	27.3	40.9	10.5	17.9	8.6	10.7	1.9	2.5	–	–
1	22.6	33.9	40.9	81.8	28.4	46.3	24.1	34.7	14.6	17.2	13.6	13.6
0	66.1	100	18.2	100	53.7	100	65.3	100	82.8	100	86.4	100

≤5th percentile

4	0.2	0.2	–	–	2.1	2.1	–	–	–	–	–	–
3	0.9	1.1	–	–	1.1	3.2	0.8	0.8	0.6	0.6	–	–
2	4.1	5.2	22.7	22.7	5.3	8.4	4.2	5.0	0.6	1.3	–	–
1	16.9	22.1	45.5	68.2	25.3	33.7	17.2	22.2	9.6	10.8	9.1	9.1
0	77.9	100	31.8	100	66.3	100	77.8	100	89.2	100	90.9	100

≤2nd percentile

3	0.3	0.3	–	–	1.1	1.1	0.2	0.2	–	–	–	–
2	1.8	2.1	9.1	9.1	4.2	5.3	1.0	1.3	0.6	0.6	–	–
1	11.1	13.2	31.8	40.9	11.6	16.8	11.3	12.6	6.4	7.0	9.1	9.1
0	86.8	100	59.1	100	83.2	100	87.4	100	93	100	90.9	100

Note: $N = 900$. There are four age adjusted immediate memory subtest scores (Logical Memory I, Verbal Paired Associates I, Designs I, and Visual Reproduction I) and four age adjusted delayed memory subtest scores (Logical Memory II, Verbal Paired Associates II, Designs II, and Visual Reproduction II) that were considered for these analyses. C% = cumulative percentage. Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$). TOPF-demographics predicted full scale IQ included: Unusually (< 80 ; $n = 17$); Low average (80–89; $n = 90$); Average (90–109; $n = 479$); High average (110–119; $n = 147$); Superior/Very Superior (120+; $n = 21$).

Standardization data for the WMS–IV.

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TABLE eA2.28 Base Rates of Low Age-Adjusted Immediate and Delayed Memory Subtest Scores on the WMS-IV Across Levels of Education in 16-69-Year-Olds

Number of Scores Below Cut-off	Levels of Education									
	< 8 Years		9-11 Years		12 Years		13-15 Years		16 + Years	
	%	C%	%	C%	%	C%	%	C%	%	C%
Immediate Memory Subtests										
≤25th percentile										
4	22.0	22.0	14.1	14.1	5.4	5.4	4.9	4.9	0.4	0.4
3	22.0	43.9	20.5	34.6	13.8	19.2	10.9	15.8	3.3	3.8
2	24.4	68.3	25.6	60.3	22.1	41.3	19.5	35.3	15.1	18.8
1	22.0	90.2	28.2	88.5	29.7	71.0	25.2	60.5	23.4	42.3
0	9.8	100	11.5	100	29.0	100	39.5	100	57.7	100
≤16th percentile										
4	9.8	9.8	10.3	10.3	2.5	2.5	1.5	1.5	0.4	0.4
3	22.0	31.7	11.5	21.8	6.5	9.1	6.0	7.5	0.8	1.3
2	22.0	53.7	24.4	46.2	15.6	24.6	13.5	21.1	8.4	9.6
1	24.4	78.0	30.8	76.9	33.7	58.3	25.6	46.6	17.2	26.8
0	22.0	100	23.1	100	41.7	100	53.4	100	73.2	100
≤9th percentile										
4	4.9	4.9	1.3	1.3	0.7	0.7	1.1	1.1	—	—
3	9.8	14.6	10.3	11.5	2.5	3.3	2.3	3.4	0.4	0.4
2	17.1	31.7	20.5	32.1	9.8	13.0	8.3	11.7	2.1	2.5
1	36.6	68.3	32.1	64.1	29.0	42.0	19.2	30.8	16.3	18.8
0	31.7	100	35.9	100	58.0	100	69.2	100	81.2	100
≤5th percentile										
4	2.4	2.4	—	—	0.4	0.4	0.8	0.8	—	—
3	7.3	9.8	5.1	5.1	0.7	1.1	0.8	1.5	—	—
2	7.3	17.1	15.4	20.5	4.7	5.8	4.5	6.0	0.8	0.8
1	26.8	43.9	24.4	44.9	19.9	25.7	12.0	18.0	8.8	9.6
0	56.1	100	55.1	100	74.3	100	82.0	100	90.4	100

(Continued)

TABLE eA2.28 (Continued)

Number of Scores Below Cut-off	Levels of Education									
	< 8 Years		9–11 Years		12 Years		13–15 Years		16 + Years	
	%	C%	%	C%	%	C%	%	C%	%	C%
≤2nd percentile										
4	2.4	2.4	—	—	—	—	—	—	—	—
3	2.4	4.9	2.6	2.6	0.4	0.4	—	—	—	—
2	4.9	9.8	5.1	7.7	2.5	2.9	2.3	2.3	—	—
1	26.8	36.6	23.1	30.8	11.6	14.5	9.4	11.7	3.3	3.3
0	63.4	100	69.2	100	85.5	100	88.3	100	96.7	100
Delayed Memory Subtests										
≤25th percentile										
4	9.1	9.1	13.9	13.9	8	8	6.4	6.4	1.7	1.7
3	9.1	18.2	19.0	32.9	14.5	22.5	10.9	17.4	3.0	4.6
2	34.1	52.3	27.8	60.8	18.5	41.1	15.8	33.2	10.1	14.8
1	22.7	75.0	24.1	84.8	25.8	66.9	24.5	57.7	25.3	40.1
0	25.0	100	15.2	100	33.1	100	42.3	100	59.9	100
≤16th percentile										
4	9.8	9.8	7.7	7.7	1.8	1.8	2.3	2.3	0.4	0.4
3	12.2	22.0	12.8	20.5	8.7	10.5	4.9	7.1	1.7	2.1
2	22.0	43.9	26.9	47.4	20.3	30.8	14.3	21.4	7.1	9.2
1	22.0	65.9	25.6	73.1	27.9	58.7	25.2	46.6	25.1	34.3
0	34.1	100	26.9	100	41.3	100	53.4	100	65.7	100
≤9th percentile										
4	4.9	4.9	2.6	2.6	0.4	0.4	0.4	0.4	—	—
3	4.9	9.8	3.8	6.4	1.4	1.8	3.4	3.8	0.8	0.8
2	9.8	19.5	25.6	32.1	10.9	12.7	6.8	10.5	1.7	2.5
1	34.1	53.7	21.8	53.8	28.6	41.3	20.3	30.8	16.3	18.8
0	46.3	100	46.2	100	58.7	100	69.2	100	81.2	100

(Continued)

TABLE eA2.28 (Continued)

Number of Scores Below Cut-off	Levels of Education									
	< 8 Years		9–11 Years		12 Years		13–15 Years		16 + Years	
	%	C%	%	C%	%	C%	%	C%	%	C%
≤5th percentile										
4	—	—	1.3	1.3	0.4	0.4	—	—	—	—
3	4.9	4.9	0.0	16.7	0.7	1.1	1.1	1.1	0.4	0.4
2	7.3	12.2	15.4	16.7	5.4	6.5	2.6	3.8	0.0	10.0
1	29.3	41.5	28.2	44.9	21.4	27.9	13.5	17.3	9.6	10.0
0	58.5	100	55.1	100	72.1	100	82.7	100	90	100
≤2nd percentile										
3	4.9	4.9	1.3	1.3	—	—	—	—	—	—
2	2.4	7.3	5.1	6.4	2.9	2.9	0.8	0.8	0.4	0.4
1	14.6	22.0	19.2	25.6	13.4	16.3	10.5	11.3	5.9	6.3
0	78.0	100	74.4	100	83.7	100	88.7	100	93.7	100

Note: Sample sizes across the levels of education included: ≤8 years ($n = 42$); 9–11 years ($n = 78$); 12 years ($n = 273$); 13–15 years ($n = 261$); 16 + years ($n = 234$). There are four age adjusted immediate memory subtest scores (Logical Memory I, Verbal Paired Associates I, Designs I, and Visual Reproduction I) and 4 age adjusted delayed memory subtest scores (Logical Memory II, Verbal Paired Associates II, Designs II, and Visual Reproduction II) that were considered for these analyses. C% = cumulative percentage. Cut-off scores included: ≤16th percentile ($\leq -1SD$ or $SS \leq 7$); ≤9th percentile ($SS \leq 6$); ≤5th percentile ($SS \leq 5$); and below the 2nd percentile ($< -2SD$ or $SS \leq 4$).

Standardization data for the WMS–IV.

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TABLE eA2.29 Base Rates of Low Age-Adjusted WMS–IV Subtest Scores (Four Subtests; LM, VR) in 16–90-Year-Olds

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16 +
<i>N</i>	1400	28	120	649	181	35	97	189	657	188	119	109	144	451	360	336
≤25th percentile																
4 low scores	7.9	35.7	17.5	6.2	2.8	–	42.3	16.4	4.7	0.5	–	20.2	16	8.2	5.8	2.1
3 or more	16.4	64.3	35	15.1	5	2.9	66	35.4	12	2.1	1.7	37.6	29.2	18.2	13.6	4.8
2 or more	37.4	78.6	60	38.1	18.2	5.7	88.7	67.2	34.9	12.8	5.9	60.6	57.6	42.8	33.9	17.9
1 or more	57.1	96.4	73.3	59.6	38.1	17.1	96.9	83.6	59.1	29.8	16.8	79.8	73.6	63.2	52.8	39.3
No low scores	42.9	3.6	26.7	40.4	61.9	82.9	3.1	16.4	40.9	70.2	83.2	20.2	26.4	36.8	47.2	60.7
≤16th percentile																
4 low scores	4.2	28.6	10.8	3.2	0.6	–	30.9	7.4	1.7	0.5	–	11.9	9.7	3.5	3.3	1.2
3 or more	9.1	46.4	19.2	8	2.8	–	47.4	18.5	6.1	1.1	–	21.1	20.1	9.5	7.5	1.8
2 or more	24.9	67.9	50	25	9.4	–	77.3	50.8	21.2	5.9	3.4	39.4	43.8	29	22.5	8.9
1 or more	42.8	89.3	64.2	44.4	23.2	8.6	91.8	72.5	42.3	16	8.4	67.9	62.5	50.1	36.9	22.6
No low scores	57.2	10.7	35.8	55.6	76.8	91.4	8.2	27.5	57.7	84	91.6	32.1	37.5	49.9	63.1	77.4
≤9th percentile																
4 low scores	1.5	7.1	4.2	0.9	0.6		10.3	2.1	0.6	0.5		3.7	2.1	2	1.1	0.3
3 or more	4.2	28.6	12.5	3.4	1.1		26.8	8.5	2.1	0.5		11	9	4.4	3.1	0.9
2 or more	14.6	57.1	33.3	13.4	3.3		64.9	29.1	10.5	1.6	1.7	31.2	31.3	16.2	10.3	4.8

(Continued)

TABLE eA2.29 (Continued)

Number of Low Scores	Total Sample	TOPF-Predicted FSIQ					FSIQ					Education				
		≤79	80–89	90–109	110–119	≥120	≤79	80–89	90–109	110–119	≥120	≤8	9–11	12	13–15	16+
1 or more	30.4	85.7	52.5	31	13.3	5.7	82.5	57.1	27.2	8	5	55	51.4	34.4	24.2	14.6
No low scores	69.6	14.3	47.5	69	86.7	94.3	17.5	42.9	72.8	92	95	45	48.6	65.6	75.8	85.4
≤5th percentile																
4 low scores	0.9	3.6	1.7	0.6	–	–	5.2	1.1	0.5	–	–	2.8	2.1	0.9	0.3	0.3
3 or more	2.1	14.3	5.8	1.4	1.1	–	12.4	4.2	1.1	–	–	5.5	4.2	2.2	1.4	0.6
2 or more	7.6	35.7	19.2	6.5	1.7	–	41.2	15.9	4.1	0.5	1.7	20.2	16	7.8	5	2.7
1 or more	19	71.4	32.5	18.6	7.7	2.9	64.9	37	15.4	5.3	2.5	38.5	34.7	20.6	13.6	9.5
No low scores	81	28.6	67.5	81.4	92.3	97.1	35.1	63	84.6	94.7	97.5	61.5	65.3	79.4	86.4	90.5
≤2nd percentile																
4 low scores	0.2	–	–	–	–	–	1	0.5	–	–	–	0.9	–	0.4	–	–
3 or more	1.1	7.1	3.3	0.6	–	–	7.2	2.1	0.5	–	–	3.7	2.8	0.9	1.1	–
2 or more	4.3	25	10.8	2.5	1.7	–	28.9	6.9	1.8	0.5	1.7	10.1	11.8	4.4	2.5	0.9
1 or more	11.6	50	25	9.6	4.4	–	51.5	25.9	6.8	2.7	1.7	28.4	21.5	12.6	8.3	4.2
No low scores	88.4	50	75	90.4	95.6	100	48.5	74.1	93.2	97.3	98.3	71.6	78.5	87.4	91.7	95.8

Notes: Values represent cumulative percentage. There can be slight variations due to rounding.