

PLS-5 Normative Data Reported in 1-Month Increments for Ages 2:6 through 2:11

August 1, 2012

These tables report Auditory Comprehension and Expressive Communication normative scores set in 1-month increments for children who are 2 years 6 months (2:6) through 2 years 11 months (2:11). The 1-month interval norms were developed in response to SLPs' concerns about the 6-month norm interval reported in the PLS-5 *Administration and Scoring Manual* for this age range. Clinicians in the field reported that children being transitioned from early intervention (birth through age 2) services to school services are often referred for testing at age 2:11 (for some children, days before their 3rd birthday). When a 6-month age normative interval is used, a child who is 2:10 or 2:11 is being compared to a sample of children who are mostly younger than he or she is. The resulting scores may seem higher than expected. Because many district policies require that the child be evaluated before his or her 3rd birthday, clinicians do not have the option of testing after the child is 3:0. Using the norms reported in 1-month increments, the child will be compared to peers within his or her 1-month age group.

Before using the 1-month normative scores for children who are ages 2:6 through 2:11, please review the following information.

A standard score of 100 reflects the average performance of children in a given age range. The normative scores reported in the PLS-5 *Administration and Scoring Manual* are reported in 6-month increments, including ages 2:6–2:11, as a normative group. The standard score of 100 obtained from this normative group indicates that the child has typical performance compared to his/her peers in the full 2:6–2:11 age range.

These supplemental tables include normative scores reported in 1-month increments. A standard score of 100, thus, reflects the performance of a typical child **compared to his/her peers in the 1-month age group**. Because of the difference in age reference groups, a child will earn different standard scores depending on if you use the 1-month norms or the 6-month norms.

- For children age 2:6–2:8, standard scores using norms based on 1-month increments will be somewhat higher than the score obtained using the 6-month norms.
- For children age 2:9–2:11, standard scores using norms based on 1-month increments will be somewhat lower than the score obtained using the 6-month norms.

When you use the 1-month norms with children ages 2:6-2:11, best practice is to use them consistently for all children in this age range, rather than use the 6-month norms for some children in the age range and 1-month norms for others.

Because the PLS-5 Total Communication score is based on derived Auditory Comprehension and Expressive Communication standard scores, you can continue to use the Total Communication scores found in the PLS-5 *Administration and Scoring Manual*.

When writing your report, be sure to specify that the PLS-5 scores are based on PLS-5 normative data reported in 1-month increments for children ages 2:6-2:11.

Example: "The PLS-5 scores reported for the Auditory Comprehension and Expressive Communication scales were obtained from the PLS-5 normative data reported in 1-month increments for children ages 2:6–2:11 available on the publisher's website."







	Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank	
0–15	50	50*-60	50*-61	1	
16	53	50-62	50*-64	1	
17	55	52-64	51-65	1	
18	58	55-67	54-68	1	
19	61	58-70	56-71	1	
20	64	60-73	59-74	1	
21	67	63-75	62-77	1	
22	70	66-78	65-79	2	
23	72	68-80	67-81	3	
24	75	71–83	70-84	5	
25	78	73-86	72–87	7	
26	81	76-88	75-90	10	
27	84	79–91	78-92	14	
28	87	82-94	81–95	19	
29	90	85-97	83-98	25	
30	92	87–99	85-100	30	
31	95	89-101	88-103	37	
32	98	92-104	91-105	45	
33	101	95-107	94-108	53	
34	104	98-110	96-111	61	
35	107	100-113	99-114	68	
36	110	103-115	102-117	75	
37	113	106-118	105-119	81	
38	115	108-120	107-121	84	
39	118	111-123	109-124	88	
40	121	113-126	112-127	92	
41	124	116-128	115-130	95	
42	127	119-131	118-132	96	
43	130	122-134	121-135	98	
44	133	125-137	123-138	99	
45	135	127-139	125-140	99	
46	138	129-141	128-143	99	
47	140	131-143	130-144	99	
48	142	133-145	132-146	99	
49	145	136-148	135-149	99	
50	148	139–150*	137-150*	99	
51–65	150	140-150*	139-150*	99	

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–11	50	50*-60	50*-61	1
12	51	50*-60	50*-62	1
13	52	50*-61	50*-63	1
14	54	51-63	50-64	1
15	56	53-65	52-66	1
16	58	55-67	54-68	1
17	61	58-70	56-71	1
18	63	60-72	58-73	1
19	66	62-74	61–76	1
20	68	64–76	63-77	2
21	71	67-79	66-80	3
22	73	69-81	68-82	4
23	75	71-83	70-84	5
24	78	73-86	72-87	7
25	80	75-87	74-89	9
26	83	78-90	77–91	13
27	86	81-93	80-94	18
28	89	84-96	83-97	23
29	91	86-98	84-99	27
30	94	88-100	87-102	34
31	97	91–103	90-104	42
32	100	94-106	93-107	50
33	102	96-108	95-109	55
34	105	99-111	97-112	63
35	108	101-113	100-115	70
36	111	104–116	103-117	77
37	114	107-119	106-120	82
38	117	110-122	109-123	87
39	120	113-125	111-126	91
40	124	116-128	115-130	95
41	127	119–131	118–132	96
42	130	122-134	121-135	98
43	133	125-137	123-138	99
44	137	128-140	127-142	99
45	140	131-143	130-144	99
46	142	133-145	132-146	99
47	145	136-148	135-149	99
48	147	138-150	136-150*	99
49–67	150	140-150*	139-150*	99

^{*} Range is truncated to the standard score range on the PLS-5.







	Auditory	Comprehen	sion (AC)	
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–15	50	50*-60	50*-61	1
16	51	50*-60	50*-62	1
17	53	50-62	50*-64	1
18	56	53-65	52-66	1
19	59	56-68	55-69	1
20	62	59-71	57-72	1
21	65	61–74	60-75	1
22	68	64-76	63-77	2
23	70	66-78	65-79	2
24	73	69-81	68-82	4
25	76	72-84	70-85	5
26	79	74-87	73-88	8
27	82	77-89	76-91	12
28	85	80-92	79–93	16
29	88	83-95	82-96	21
30	90	85-97	83-98	25
31	93	87-100	86-101	32
32	96	90-102	89-104	39
33	99	93-105	92-106	47
34	102	96-108	95-109	55
35	105	99-111	97-112	63
36	108	101-113	100-115	70
37	111	104-116	103-117	77
38	113	106-118	105-119	81
39	116	109-121	108-122	86
40	119	112-124	110-125	90
41	121	113-126	112-127	92
42	124	116-128	115-130	95
43	127	119-131	118-132	96
44	130	122-134	121-135	98
45	132	124–136	123-137	98
46	135	127-139	125-140	99
47	138	129-141	128-143	99
48	140	131-143	130-144	99
49	143	134-146	133-147	99
50	145	136-148	135-149	99
51	148	139-150*	137-150*	99
52–65	150	140-150*	139-150*	99

	Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank	
0–12	50	50*-60	50*-61	1	
13	51	50*-60	50*-62	1	
14	53	50-62	50*-64	1	
15	55	52-64	51-65	1	
16	57	54-66	53-67	1	
17	60	57-69	56-70	1	
18	62	59-71	57-72	1	
19	65	61–74	60-75	1	
20	67	63-75	62-77	1	
21	70	66-78	65-79	2	
22	72	68-80	67-81	3	
23	74	70-82	69-83	4	
24	77	73-85	71–86	6	
25	79	74-87	73-88	8	
26	82	77-89	76-91	12	
27	84	79–91	78-92	14	
28	87	82-94	81-95	19	
29	90	85-97	83-98	25	
30	93	87-100	86-101	32	
31	95	89-101	88-103	37	
32	98	92-104	91–105	45	
33	100	94-106	93-107	50	
34	103	97-109	96-110	58	
35	106	100-112	98-113	66	
36	109	102-114	101-116	73	
37	112	105-117	104-118	79	
38	115	108-120	107-121	84	
39	118	111-123	109-124	88	
40	121	113-126	112-127	92	
41	124	116-128	115-130	95	
42	127	119–131	118–132	96	
43	130	122-134	121-135	98	
44	134	126-138	124-139	99	
45	137	128-140	127-142	99	
46	139	130-142	129-144	99	
47	142	133-145	132-146	99	
48	145	136-148	135-149	99	
49	148	139-150*	137-150*	99	
50–67	150	140-150*	139-150*	99	

^{*} Range is truncated to the standard score range on the PLS-5.







	Auditory	Comprehen	sion (AC)	
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–16	50	50*-60	50*-61	1
17	52	50*-61	50*-63	1
18	55	52-64	51-65	1
19	58	55-67	54-68	1
20	60	57-69	56-70	1
21	63	60-72	58-73	1
22	66	62-74	61–76	1
23	68	64–76	63-77	2
24	71	67-79	66-80	3
25	74	70-82	69-83	4
26	77	73-85	71–86	6
27	80	75-87	74-89	9
28	82	77-89	76-91	12
29	85	80-92	79–93	16
30	88	83-95	82-96	21
31	91	86-98	84–99	27
32	94	88-100	87-102	34
33	96	90-102	89-104	39
34	99	93-105	92-106	47
35	102	96-108	95-109	55
36	105	99–111	97–112	63
37	108	101-113	100-115	70
38	110	103-115	102-117	75
39	113	106-118	105-119	81
40	116	109-121	108-122	86
41	118	111–123	109–124	88
42	121	113-126	112-127	92
43	124	116-128	115-130	95
44	127	119-131	118-132	96
45	129	121-133	120-134	97
46	132	124–136	123-137	98
47	135	127-139	125-140	99
48	137	128-140	127-142	99
49	140	131-143	130-144	99
50	143	134-146	133-147	99
51	145	136–148	135–149	99
52	148	139-150*	137-150*	99
53-65	150	140-150*	139-150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–13	50	50*-60	50*-61	1
14	52	50*-61	50*-63	1
15	54	51-63	50-64	1
16	56	53-65	52-66	1
17	59	56-68	55-69	1
18	61	58-70	56-71	1
19	64	60-73	59-74	1
20	66	62-74	61–76	1
21	69	65-77	64-78	2
22	71	67-79	66-80	3
23	73	69-81	68-82	4
24	76	72-84	70-85	5
25	78	73-86	72-87	7
26	81	76-88	75-90	10
27	83	78-90	77-91	13
28	86	81–93	80-94	18
29	88	83-95	82-96	21
30	91	86-98	84-99	27
31	93	87-100	86-101	32
32	96	90-102	89-104	39
33	98	92-104	91–105	45
34	101	95-107	94-108	53
35	104	98-110	96-111	61
36	107	100-113	99-114	68
37	109	102-114	101-116	73
38	112	105-117	104-118	79
39	115	108-120	107-121	84
40	118	111-123	109-124	88
41	121	113-126	112-127	92
42	124	116-128	115-130	95
43	127	119–131	118-132	96
44	131	123-135	122-136	98
45	134	126-138	124-139	99
46	137	128-140	127-142	99
47	140	131-143	130-144	99
48	143	134–146	133-147	99
49	147	138-150	136-150*	99
50–67	150	140-150*	139-150*	99

^{*} Range is truncated to the standard score range on the PLS—5.







	Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank	
0–16	50	50*-60	50*-61	1	
17	52	50*-61	50*-63	1	
18	54	51-63	50-64	1	
19	56	53-65	52-66	1	
20	59	56-68	55-69	1	
21	61	58-70	56–71	1	
22	64	60-73	59-74	1	
23	66	62-74	61–76	1	
24	69	65-77	64-78	2	
25	72	68-80	67-81	3	
26	75	71-83	70-84	5	
27	78	73-86	72-87	7	
28	80	75-87	74-89	9	
29	83	78-90	77–91	13	
30	86	81-93	80-94	18	
31	89	84-96	83-97	23	
32	92	87-99	85-100	30	
33	94	88-100	87-102	34	
34	97	91-103	90-104	42	
35	100	94-106	93-107	50	
36	103	97-109	96-110	58	
37	106	100-112	98-113	66	
38	108	101-113	100-115	70	
39	111	104-116	103-117	77	
40	114	107-119	106-120	82	
41	116	109-121	108-122	86	
42	119	112-124	110-125	90	
43	122	114-127	113-128	93	
44	125	117-129	116-131	95	
45	127	119–131	118–132	96	
46	130	122-134	121-135	98	
47	133	125-137	123-138	99	
48	135	127-139	125-140	99	
49	138	129-141	128-143	99	
50	141	132-144	131–145	99	
51	143	134-146	133-147	99	
52	146	137-149	136-150	99	
53	148	139-150*	137-150*	99	
54–65	150	140-150*	139-150*	99	

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–13	50	50*-60	50*-61	1
14	52	50*-61	50*-63	1
15	54	51-63	50-64	1
16	56	53-65	52-66	1
17	59	56-68	55-69	1
18	61	58-70	56-71	1
19	63	60-72	58-73	1
20	65	61–74	60-75	1
21	68	64–76	63-77	2
22	70	66-78	65-79	2
23	72	68-80	67-81	3
24	74	70-82	69-83	4
25	76	72-84	70-85	5
26	79	74-87	73-88	8
27	81	76-88	75-90	10
28	84	79–91	78-92	14
29	86	81-93	80-94	18
30	89	84-96	83-97	23
31	91	86-98	84-99	27
32	94	88-100	87-102	34
33	96	90-102	89-104	39
34	99	93-105	92-106	47
35	102	96-108	95-109	55
36	105	99-111	97-112	63
37	107	100-113	99-114	68
38	110	103-115	102-117	75
39	113	106-118	105-119	81
40	116	109-121	108-122	86
41	118	111-123	109-124	88
42	121	113-126	112-127	92
43	125	117–129	116-131	95
44	128	120-132	119-133	97
45	131	123-135	122-136	98
46	134	126-138	124-139	99
47	138	129-141	128-143	99
48	141	132-144	131–145	99
49	145	136-148	135-149	99
50	148	139-150*	137-150*	99
51–67	150	140-150*	139–150*	99

^{*} Range is truncated to the standard score range on the PLS-5.





Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–16	50	50*-60	50*-61	1
17	51	50*-60	50*-62	1
18	53	50-62	50*-64	1
19	55	52-64	51-65	1
20	58	55-67	54–68	1
21	60	57-69	56-70	1
22	63	60-72	58-73	1
23	65	61–74	60-75	1
24	68	64–76	63-77	2
25	71	67–79	66-80	3
26	74	70-82	69-83	4
27	77	73-85	71-86	6
28	79	74-87	73-88	8
29	82	77-89	76-91	12
30	84	79–91	78-92	14
31	87	82-94	81-95	19
32	90	85-97	83-98	25
33	92	87-99	85-100	30
34	95	89-101	88-103	37
35	98	92-104	91–105	45
36	101	95-107	94-108	53
37	104	98-110	96-111	61
38	106	100-112	98-113	66
39	109	102-114	101-116	73
40	112	105-117	104-118	79
41	114	107-119	106-120	82
42	117	110-122	109-123	87
43	120	113-125	111-126	91
44	123	115-127	114-129	94
45	125	117-129	116-131	95
46	128	120-132	119–133	97
47	131	123-135	122-136	98
48	133	125-137	123-138	99
49	136	127-140	126-141	99
50	139	130-142	129-144	99
51	141	132-144	131–145	99
52	144	135-147	134-148	99
53	146	137-149	136-150	99
54	148	139-150*	137-150*	99
55–65	150	140-150*	139–150*	99

	Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank	
0-13	50	50*-60	50*-61	1	
14	52	50*-61	50*-63	1	
15	53	50-62	50*-64	1	
16	55	52-64	51-65	1	
17	58	55-67	54-68	1	
18	60	57-69	56-70	1	
19	62	59-71	57-72	1	
20	64	60-73	59-74	1	
21	67	63-75	62-77	1	
22	69	65-77	64-78	2	
23	71	67-79	66-80	3	
24	73	69-81	68-82	4	
25	75	71-83	70-84	5	
26	78	73-86	72-87	7	
27	80	75-87	74-89	9	
28	83	78-90	77–91	13	
29	85	80-92	79–93	16	
30	88	83-95	82-96	21	
31	90	85-97	83-98	25	
32	93	87-100	86-101	32	
33	95	89–101	88-103	37	
34	98	92-104	91-105	45	
35	100	94-106	93-107	50	
36	103	97-109	96-110	58	
37	105	99-111	97-112	63	
38	108	101-113	100-115	70	
39	111	104-116	103-117	77	
40	114	107-119	106-120	82	
41	116	109-121	108-122	86	
42	119	112-124	110-125	90	
43	123	115–127	114–129	94	
44	126	118-130	117-131	96	
45	129	121-133	120-134	97	
46	132	124-136	123-137	98	
47	135	127-139	125-140	99	
48	138	129–141	128-143	99	
49	142	133-145	132-146	99	
50	145	136-148	135-149	99	
51	147	138-150	136-150*	99	
52–67	150	140-150*	139-150*	99	

 $^{^{\}ast}$ Range is truncated to the standard score range on the PLS—5.







Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0-17	50	50*-60	50*-61	1
18	52	50*-61	50*-63	1
19	54	51-63	50-64	1
20	57	54-66	53-67	1
21	59	56-68	55-69	1
22	62	59-71	57-72	1
23	64	60-73	59-74	1
24	67	63-75	62-77	1
25	69	65-77	64-78	2
26	72	68-80	67-81	3
27	75	71-83	70-84	5
28	77	73-85	71-86	6
29	80	75-87	74-89	9
30	82	77-89	76-91	12
31	85	80-92	79–93	16
32	88	83-95	82-96	21
33	90	85-97	83-98	25
34	93	87-100	86-101	32
35	96	90-102	89-104	39
36	99	93-105	92-106	47
37	102	96-108	95-109	55
38	104	98-110	96-111	61
39	107	100-113	99-114	68
40	110	103-115	102-117	75
41	112	105-117	104-118	79
42	115	108-120	107-121	84
43	118	111-123	109-124	88
44	121	113-126	112-127	92
45	123	115-127	114-129	94
46	126	118-130	117-131	96
47	129	121–133	120-134	97
48	131	123-135	122-136	98
49	134	126-138	124-139	99
50	137	128-140	127-142	99
51	139	130-142	129-144	99
52	142	133-145	132-146	99
53	144	135-147	134-148	99
54	146	137-149	136-150	99
55	148	139-150*	137-150*	99
56–65	150	140-150*	139–150*	99

	Expressive Communication (EC)			
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0-13	50	50*-60	50*-61	1
14	51	50*-60	50*-62	1
15	52	50*-61	50*-63	1
16	54	51-63	50-64	1
17	57	54-66	53-67	1
18	59	56-68	55-69	1
19	61	58-70	56-71	1
20	63	60-72	58-73	1
21	66	62-74	61–76	1
22	68	64-76	63-77	2
23	70	66-78	65–79	2
24	72	68-80	67-81	3
25	74	70-82	69-83	4
26	77	73-85	71–86	6
27	79	74-87	73-88	8
28	81	76-88	75-90	10
29	84	79–91	78-92	14
30	86	81-93	80-94	18
31	88	83-95	82-96	21
32	91	86-98	84-99	27
33	93	87-100	86-101	32
34	96	90-102	89-104	39
35	98	92-104	91–105	45
36	101	95-107	94-108	53
37	103	97-109	96-110	58
38	106	100-112	98-113	66
39	109	102-114	101-116	73
40	112	105-117	104-118	79
41	114	107-119	106-120	82
42	117	110-122	109-123	87
43	120	113–125	111–126	91
44	123	115-127	114-129	94
45	126	118-130	117-131	96
46	129	121-133	120-134	97
47	132	124-136	123-137	98
48	135	127-139	125-140	99
49	139	130-142	129–144	99
50	142	133-145	132-146	99
51	145	136-148	135-149	99
52	147	138-150	136-150*	99
53–67	150	140-150*	139-150*	99

^{*} Range is truncated to the standard score range on the PLS-5.

