



PLS-5 Spanish 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 Spanish *Manual de administración y puntuación* 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 Spanish *Manual de administración y puntuación* 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 Spanish 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 Spanish *Manual de administración y puntuación*.

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

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

Normative Data in 1-Month Increments

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	55	52-64	51-65	1
20	60	57-69	56-70	1
21	63	60-72	58-73	1
22	66	62-74	61-76	1
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	84	79-91	78-92	14
29	87	82-94	81-95	19
30	90	85-97	83-98	25
31	92	87-99	85-100	30
32	95	89-101	88-103	37
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	110	103-115	102-117	75
38	112	105-117	104-118	79
39	115	108-120	107-121	84
40	119	112-124	110-125	90
41	122	114-127	113-128	93
42	125	117-129	116-131	95
43	127	119-131	118-132	96
44	130	122-134	121-135	98
45	133	125-137	123-138	99
46	136	127-140	126-141	99
47	138	129-141	128-143	99
48	141	132-144	131-145	99
49	143	134-146	133-147	99
50	145	136-148	135-149	99
51	148	139-150*	137-150*	99
52-67	150	140-150*	139-150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0-14	50	50*-62	50*-63	1
15	52	50-64	50*-65	1
16	57	54-68	53-70	1
17	60	57-71	56-72	1
18	63	60-74	58-75	1
19	66	62-76	61-78	1
20	70	66-80	65-81	2
21	74	70-84	68-85	4
22	77	72-86	71-88	6
23	81	76-90	75-91	10
24	85	80-94	78-95	16
25	89	83-97	82-98	23
26	93	87-101	85-102	32
27	97	90-104	89-106	42
28	101	94-108	93-109	53
29	105	98-112	96-113	63
30	109	101-115	100-116	73
31	113	105-119	103-120	81
32	117	108-122	107-124	87
33	122	113-127	111-128	93
34	126	116-130	115-132	96
35	130	120-134	119-135	98
36	133	123-137	121-138	99
37	137	126-140	125-142	99
38	141	130-144	129-145	99
39	145	134-148	132-149	99
40	148	136-150	135-150*	99
41-60	150	138-150*	137-150*	99

* Range is truncated to the standard score range on the PLS-5 Spanish.

Normative Data in 1-Month Increments

Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–18	50	50*–60	50*–61	1
19	53	50–62	50*–64	1
20	57	54–66	53–67	1
21	60	57–69	56–70	1
22	63	60–72	58–73	1
23	67	63–75	62–77	1
24	70	66–78	65–79	2
25	73	69–81	68–82	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	90	85–97	83–98	25
32	93	87–100	86–101	32
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	119	112–124	110–125	90
42	122	114–127	113–128	93
43	125	117–129	116–131	95
44	128	120–132	119–133	97
45	130	122–134	121–135	98
46	133	125–137	123–138	99
47	136	127–140	126–141	99
48	138	129–141	128–143	99
49	141	132–144	131–145	99
50	143	134–146	133–147	99
51	145	136–148	135–149	99
52	148	139–150*	137–150*	99
53–67	150	140–150*	139–150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–14	50	50*–62	50*–63	1
15	51	50*–63	50*–64	1
16	56	53–67	52–69	1
17	59	56–70	55–71	1
18	62	59–73	57–74	1
19	65	62–76	60–77	1
20	69	65–79	64–80	2
21	72	68–82	66–83	3
22	76	71–85	70–87	5
23	80	75–89	74–90	9
24	83	78–92	76–93	13
25	87	81–95	80–97	19
26	91	85–99	84–100	27
27	95	89–103	87–104	37
28	99	92–106	91–107	47
29	103	96–110	94–111	58
30	107	99–113	98–115	68
31	111	103–117	102–118	77
32	115	107–121	105–122	84
33	120	111–125	110–126	91
34	124	115–129	113–130	95
35	128	118–132	117–134	97
36	131	121–135	120–136	98
37	135	125–139	123–140	99
38	138	127–141	126–143	99
39	142	131–145	129–146	99
40	145	134–148	132–149	99
41	148	136–150	135–150*	99
42–60	150	138–150*	137–150*	99

* Range is truncated to the standard score range on the PLS–5 Spanish.

Normative Data in 1-Month Increments

Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0-19	50	50*-60	50*-61	1
20	54	51-63	50-64	1
21	57	54-66	53-67	1
22	60	57-69	56-70	1
23	64	60-73	59-74	1
24	67	63-75	62-77	1
25	70	66-78	65-79	2
26	74	70-82	69-83	4
27	77	73-85	71-86	6
28	80	75-87	74-89	9
29	83	78-90	77-91	13
30	85	80-92	79-93	16
31	87	82-94	81-95	19
32	90	85-97	83-98	25
33	93	87-100	86-101	32
34	96	90-102	89-104	39
35	99	93-105	92-106	47
36	103	97-109	96-110	58
37	106	100-112	98-113	66
38	109	102-114	101-116	73
39	111	104-116	103-117	77
40	114	107-119	106-120	82
41	117	110-122	109-123	87
42	120	113-125	111-126	91
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	140	131-143	130-144	99
51	143	134-146	133-147	99
52	145	136-148	135-149	99
53	148	139-150*	137-150*	99
54-67	150	140-150*	139-150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0-15	50	50*-62	50*-63	1
16	55	53-67	51-68	1
17	58	55-69	54-71	1
18	61	58-72	57-73	1
19	64	61-75	59-76	1
20	68	64-78	63-80	2
21	71	67-81	66-82	3
22	74	70-84	68-85	4
23	78	73-87	72-89	7
24	81	76-90	75-91	10
25	85	80-94	78-95	16
26	89	83-97	82-98	23
27	93	87-101	85-102	32
28	97	90-104	89-106	42
29	101	94-108	93-109	53
30	105	98-112	96-113	63
31	109	101-115	100-116	73
32	113	105-119	103-120	81
33	117	108-122	107-124	87
34	121	112-126	111-127	92
35	125	116-130	114-131	95
36	128	118-132	117-134	97
37	132	122-136	120-137	98
38	135	125-139	123-140	99
39	139	128-142	127-143	99
40	143	132-146	130-147	99
41	146	134-148	133-150	99
42	149	137-150*	136-150*	99
43-60	150	138-150*	137-150*	99

* Range is truncated to the standard score range on the PLS-5 Spanish.

Normative Data in 1-Month Increments

Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–19	50	50*–60	50*–61	1
20	52	50*–61	50*–63	1
21	55	52–64	51–65	1
22	58	55–67	54–68	1
23	62	59–71	57–72	1
24	65	61–74	60–75	1
25	68	64–76	63–77	2
26	72	68–80	67–81	3
27	75	71–83	70–84	5
28	78	73–86	72–87	7
29	81	76–88	75–90	10
30	83	78–90	77–91	13
31	85	80–92	79–93	16
32	88	83–95	82–96	21
33	91	86–98	84–99	27
34	94	88–100	87–102	34
35	97	91–103	90–104	42
36	101	95–107	94–108	53
37	104	98–110	96–111	61
38	107	100–113	99–114	68
39	109	102–114	101–116	73
40	112	105–117	104–118	79
41	115	108–120	107–121	84
42	118	111–123	109–124	88
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	138	129–141	128–143	99
51	141	132–144	131–145	99
52	143	134–146	133–147	99
53	146	137–149	136–150	99
54	148	139–150*	137–150*	99
55–67	150	140–150*	139–150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–15	50	50*–62	50*–63	1
16	53	51–65	50*–66	1
17	57	54–68	53–70	1
18	60	57–71	56–72	1
19	63	60–74	58–75	1
20	67	63–77	62–79	1
21	70	66–80	65–81	2
22	73	69–83	67–84	4
23	76	71–85	70–87	5
24	79	74–88	73–89	8
25	83	78–92	76–93	13
26	87	81–95	80–97	19
27	91	85–99	84–100	27
28	95	89–103	87–104	37
29	99	92–106	91–107	47
30	103	96–110	94–111	58
31	107	99–113	98–115	68
32	111	103–117	102–118	77
33	115	107–121	105–122	84
34	119	110–124	109–125	90
35	123	114–128	112–129	94
36	126	116–130	115–132	96
37	130	120–134	119–135	98
38	133	123–137	121–138	99
39	137	126–140	125–142	99
40	141	130–144	129–145	99
41	144	133–147	131–148	99
42	147	135–149	134–150*	99
43–60	150	138–150*	137–150*	99

* Range is truncated to the standard score range on the PLS–5 Spanish.

Normative Data in 1-Month Increments

AGE **2:10**
Two Years:Ten Months

Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–20	50	50*–60	50*–61	1
21	52	50*–61	50*–63	1
22	56	53–65	52–66	1
23	59	56–68	55–69	1
24	63	60–72	58–73	1
25	66	62–74	61–76	1
26	69	65–77	64–78	2
27	72	68–80	67–81	3
28	75	71–83	70–84	5
29	78	73–86	72–87	7
30	81	76–88	75–90	10
31	83	78–90	77–91	13
32	86	81–93	80–94	18
33	89	84–96	83–97	23
34	92	87–99	85–100	30
35	95	89–101	88–103	37
36	98	92–104	91–105	45
37	101	95–107	94–108	53
38	104	98–110	96–111	61
39	106	100–112	98–113	66
40	109	102–114	101–116	73
41	112	105–117	104–118	79
42	115	108–120	107–121	84
43	117	110–122	109–123	87
44	120	113–125	111–126	91
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	136	127–140	126–141	99
51	139	130–142	129–144	99
52	141	132–144	131–145	99
53	144	135–147	134–148	99
54	146	137–149	136–150	99
55	148	139–150*	137–150*	99
56–67	150	140–150*	139–150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–15	50	50*–62	50*–63	1
16	52	50–64	50*–65	1
17	56	53–67	52–69	1
18	59	56–70	55–71	1
19	62	59–73	57–74	1
20	66	62–76	61–78	1
21	69	65–79	64–80	2
22	72	68–82	66–83	3
23	75	71–85	69–86	5
24	78	73–87	72–89	7
25	82	77–91	75–92	12
26	86	80–94	79–96	18
27	90	84–98	83–99	25
28	93	87–101	85–102	32
29	97	90–104	89–106	42
30	101	94–108	93–109	53
31	105	98–112	96–113	63
32	109	101–115	100–116	73
33	113	105–119	103–120	81
34	117	108–122	107–124	87
35	120	111–125	110–126	91
36	124	115–129	113–130	95
37	127	117–131	116–133	96
38	131	121–135	120–136	98
39	134	124–138	122–139	99
40	138	127–141	126–143	99
41	142	131–145	129–146	99
42	145	134–148	132–149	99
43	148	136–150	135–150*	99
44–60	150	138–150*	137–150*	99

* Range is truncated to the standard score range on the PLS-5 Spanish.

Normative Data in 1-Month Increments

AGE **2:11**
Two Years:Eleven Months

Auditory Comprehension (AC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–21	50	50*–60	50*–61	1
22	54	51–63	50–64	1
23	57	54–66	53–67	1
24	60	57–69	56–70	1
25	63	60–72	58–73	1
26	67	63–75	62–77	1
27	70	66–78	65–79	2
28	73	69–81	68–82	4
29	76	72–84	70–85	5
30	78	73–86	72–87	7
31	80	75–87	74–89	9
32	83	78–90	77–91	13
33	86	81–93	80–94	18
34	89	84–96	83–97	23
35	92	87–99	85–100	30
36	95	89–101	88–103	37
37	98	92–104	91–105	45
38	101	95–107	94–108	53
39	104	98–110	96–111	61
40	107	100–113	99–114	68
41	110	103–115	102–117	75
42	112	105–117	104–118	79
43	114	107–119	106–120	82
44	117	110–122	109–123	87
45	121	113–126	112–127	92
46	124	116–128	115–130	95
47	127	119–131	118–132	96
48	129	121–133	120–134	97
49	132	124–136	123–137	98
50	134	126–138	124–139	99
51	137	128–140	127–142	99
52	139	130–142	129–144	99
53	142	133–145	132–146	99
54	144	135–147	134–148	99
55	146	137–149	136–150	99
56	148	139–150*	137–150*	99
57–67	150	140–150*	139–150*	99

Expressive Communication (EC)				
Raw Score	Standard Score	90% Confidence Interval	95% Confidence Interval	Percentile Rank
0–15	50	50*–62	50*–63	1
16	51	50*–63	50*–64	1
17	55	53–67	51–68	1
18	58	55–69	54–71	1
19	61	58–72	57–73	1
20	65	62–76	60–77	1
21	68	64–78	63–80	2
22	71	67–81	66–82	3
23	74	70–84	68–85	4
24	77	72–86	71–88	6
25	81	76–90	75–91	10
26	84	79–93	77–94	14
27	88	82–96	81–98	21
28	91	85–99	84–100	27
29	95	89–103	87–104	37
30	99	92–106	91–107	47
31	103	96–110	94–111	58
32	107	99–113	98–115	68
33	110	102–116	101–117	75
34	114	106–120	104–121	82
35	118	109–123	108–125	88
36	121	112–126	111–127	92
37	125	116–130	114–131	95
38	128	118–132	117–134	97
39	132	122–136	120–137	98
40	136	125–139	124–141	99
41	139	128–142	127–143	99
42	143	132–146	130–147	99
43	146	134–148	133–150	99
44	148	136–150	135–150*	99
45–60	150	138–150*	137–150*	99

* Range is truncated to the standard score range on the PLS–5 Spanish.