



ASPS In-Service Self-Assessment Examination for Residents Computation and Interpretation of Test Scores

Computation of Test Scores

The 2023 Educational Assessment Examination consisted of 250 total test items. However, items 22 and 29 from the Comprehensive subtest, items 192 and 199 from the Breast and Cosmetic subtest, and items 211 and 226 from the Core Surgical Principles subtest were deleted prior to scoring because of possible content ambiguity or poor statistical performance. Please make note of these deleted items in your syllabus. Participants were awarded one point for each correct response on total test items. The maximum total test raw score of 244 points is distributed among the following subtest areas:

<u>Subtest Area</u>	<u>Maximum Number of Points</u>
Comprehensive	48
Hand and Lower Extremity	50
Craniomaxillofacial	50
Breast and Cosmetic	48
Core Surgical Principles	48
Total	244

Interpretation of the Test Scores

Two different types of scores are reported on the Confidential Report to Participant. A percent correct score is reported for the total test and represents the percentage of the scored items that you answered correctly. Quartile scores are reported for each subtest area. If your quartile score is four (4), you ranked in the top 25% of all residents for that subtest area. If your quartile score is one (1), you ranked in the bottom 25% of all residents for that subtest area. Your score report reflects your resident status at the time of registration.

Interpretation of the Norm Table

The norm table may be used to compare your performance on the total test with performance of subgroups of residents testing this year. To determine your percentile rank within the group, locate your percent correct score in the column labeled Total Test Percent Correct Score. Locate the column that represents the group of participants with whom you wish to compare your score. The number in this column is your percentile rank, and it indicates the percentage of residents scoring lower than you. Please note that up to several raw score points may correspond to one Percent Correct Score on the total test.

For example, if you achieved a score of 65% on the total test and you wish to compare your performance with all residents, locate your percent correct score of 65 in the column labeled Total Test Percent Correct Score. Read across that row to the column labeled All Residents. Your percentile rank among All Residents is 30, indicating that 30% of all residents have scores lower than yours on the total test. If, for example, you'd like to find out your

approximate percentile rank in the group of first year residents at independent programs, read across that row to the column labeled First Year under the Independent Program header. Your percentile rank in that group is 65, indicating that 65% of the first year residents at independent programs have total test percent correct scores lower than yours.

Please note that subgroups of residents are defined by the type of program and year of residency. Residents self-report this information via the end of exam survey on their test day. The subgroup percentile ranks for Independent Program, Integrated Program, and Combined Tracks include residents who participated in the survey. In addition, percentile ranks are strongly affected by the group composition and its sample size. A unit percent correct score increase may result in a larger incremental percentile rank increase in a group of a smaller size than in a group of a larger size.

2023 NORM TABLE

		Independent Program			Integrated Program						Combined Tracks		
Total Test % Correct Score	All Residents (N=1,345)	First Year (N=62)	Second Year (N=65)	Third Year (N=70)	First Year (N=153)	Second Year (N=172)	Third Year (N=176)	Fourth Year (N=168)	Fifth Year (N=163)	Sixth Year (N=140)	Int 4 Ind 1 (N=230)	Int 5 Ind 2 (N=228)	Int 6 Ind 3 (N=210)
87	100	100	100	100	100	100	100	100	100	100	100	100	100
86	100	100	100	100	100	100	100	100	100	99	100	100	100
85	100	100	100	100	100	100	100	99	100	99	100	100	99
84	100	100	100	100	100	100	100	99	99	98	100	100	99
83	99	100	100	100	100	100	100	99	98	97	100	98	98
82	98	100	98	100	100	100	100	98	94	92	98	96	95
81	97	100	98	100	100	99	99	97	93	89	98	95	93
80	96	100	97	100	100	99	99	96	91	84	97	93	89
79	95	100	97	100	100	99	98	93	88	80	95	91	87
78	93	100	95	100	100	99	98	89	84	73	92	87	82
77	89	98	92	97	100	98	94	83	78	66	87	82	76
76	86	98	91	94	100	97	91	77	74	56	83	79	69
75	80	98	86	91	99	95	85	70	63	42	78	69	59
74	75	98	82	86	97	92	78	64	55	31	73	62	50
73	68	95	75	73	97	86	74	52	45	22	64	54	39
72	64	92	74	71	95	84	64	48	39	19	60	49	37
71	59	90	69	64	95	82	57	40	34	12	53	44	30
70	53	87	65	49	90	76	49	34	28	6	48	39	20
69	49	85	60	47	87	71	43	30	25	6	45	35	20
68	43	82	57	37	84	66	31	23	17	5	39	28	16
67	39	77	45	33	83	63	28	21	12	2	36	21	12
66	34	68	38	20	80	51	24	15	9	1	30	17	8
65	30	65	31	14	74	45	22	13	6	1	27	13	6
64	25	55	25	13	67	37	14	12	4	1	23	10	5
63	23	47	18	11	63	33	12	11	2	1	20	7	5
62	20	39	14	9	59	30	9	9	1	1	17	5	3
61	17	35	11	6	46	27	7	7	1	1	14	4	2
60	14	29	6	3	40	23	6	4	1	1	11	3	1
59	11	19	3	1	32	17	6	2	1	1	7	1	1
58	10	16	3	1	31	15	5	2	1	1	6	1	1
57	7	10	0	1	25	10	3	1	1	0	3	0	0
56	6	8	0	1	22	8	2	1	1	0	3	0	0
55	5	8	0	1	18	6	2	1	1	0	3	0	0
54	4	5	0	0	16	5	2	0	0	0	1	0	0
53	4	5	0	0	14	5	2	0	0	0	1	0	0
52	2	3	0	0	10	3	1	0	0	0	1	0	0
51	2	0	0	0	10	3	0	0	0	0	0	0	0
50	1	0	0	0	7	3	0	0	0	0	0	0	0
49	1	0	0	0	5	2	0	0	0	0	0	0	0
48	1	0	0	0	4	1	0	0	0	0	0	0	0
47	1	0	0	0	3	1	0	0	0	0	0	0	0
46	1	0	0	0	3	1	0	0	0	0	0	0	0
45	0	0	0	0	2	1	0	0	0	0	0	0	0
44	0	0	0	0	1	0	0	0	0	0	0	0	0
43 and below	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: The “All Residents” percentile rank column is based on all US/Canadian residents taking this administration’s examination. The percentile ranks for Independent Program, Integrated Program, and Combined Tracks exclude 176 residents who did not self-report their year of residency or program type.