



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

Computation of Test Scores

The 2019 Educational Assessment Examination consisted of 250 total test items. However, items 33, 37, 44 and 50 from the Comprehensive subtest, item 96 from the Hand subtest, items 124, 137, 138, 146 and 149 from the Craniomaxillofacial subtest, item 170 from the Breast and Cosmetic subtest, and items 214, 227 and 241 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 236 points is distributed among the following subtest areas:

<u>Subtest Area</u>	<u>Maximum Number of Points</u>
Comprehensive	46
Hand and Lower Extremity	49
Craniomaxillofacial	45
Breast and Cosmetic	49
Core Surgical Principles	47
Total	236

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 on the back of this sheet may be used to compare your performance on the total test with performance of subgroups of residents testing this year. Subgroups of residents are defined by the type of program and year of residency. 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 participants scoring lower than you.

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 residents is 40, indicating that 40% of the residents have scores lower than yours on the total test.

(Over)

2019 NORM TABLE

	Independent Program ¹				Integrated Program ¹						Combined Tracks ¹		
Total Test % Correct Score	All Residents (N=1,171)	First Year (N=82)	Second Year (N=84)	Third Year (N=92)	First Year (N=145)	Second Year (N=161)	Third Year (N=178)	Fourth Year (N=161)	Fifth Year (N=145)	Sixth Year (N=121)	Int 4 Ind 1 (N=243)	Int 5 Ind 2 (N=229)	Int 6 Ind 3 (N=213)
84 and above	100	100	100	100	100	100	100	100	100	100	100	100	100
82-83	100	100	100	100	100	100	100	99	100	100	100	100	100
80-81	100	100	100	99	100	100	100	99	99	100	100	100	100
78-79	99	100	100	98	100	99	100	99	98	98	100	99	98
76-77	96	100	100	97	100	99	99	96	91	88	97	94	92
74-75	92	100	99	93	100	98	97	87	83	76	91	89	84
72-73	84	98	88	88	100	94	89	78	67	61	84	75	73
70-71	75	95	82	71	99	90	80	65	53	45	75	64	56
68-69	64	91	71	60	96	84	65	47	39	31	62	51	44
66-67	53	85	56	48	92	73	48	32	27	21	50	38	33
64-65	40	74	40	32	83	60	33	20	13	12	38	23	21
62-63	30	54	25	22	80	45	23	13	8	6	27	14	13
60-61	20	34	14	13	63	28	13	5	3	5	15	7	8
58-59	14	22	8	10	50	20	9	3	1	3	9	4	6
56-57	10	13	4	5	39	14	5	2	0	2	6	1	3
54-55	6	7	2	3	30	7	2	1	0	1	3	1	2
52-53	4	4	0	3	20	3	1	1	0	1	2	0	2
50-51	1	4	0	1	8	1	0	0	0	1	1	0	1
48-49	1	2	0	0	3	0	0	0	0	1	1	0	0
46-47	0	1	0	0	2	0	0	0	0	0	0	0	0
44-45	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

¹Two residents did not provide the year of residency or program type information.