



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

### **Computation of Test Scores**

The 2020 Educational Assessment Examination consisted of 250 total test items. However, items 34 and 42 from the Comprehensive subtest, item 94 from the Hand subtest, items 111 and 143 from the Craniomaxillofacial subtest, items 172, 192, and 199 from the Breast and Cosmetic subtest, and items 208, 229, and 245 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 239 points is distributed among the following subtest areas:

| <u>Subtest Area</u>      | <u>Maximum<br/>Number of Points</u> |
|--------------------------|-------------------------------------|
| Comprehensive            | 48                                  |
| Hand and Lower Extremity | 49                                  |
| Craniomaxillofacial      | 48                                  |
| Breast and Cosmetic      | 47                                  |
| Core Surgical Principles | 47                                  |
| Total                    | 239                                 |

### **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 23, indicating that 23% of the residents have scores lower than yours on the total test.

(Over)

**2020 NORM TABLE**

|                                  | Independent Program <sup>1</sup> |                         |                          |                         | Integrated Program <sup>1</sup> |                           |                          |                           |                          |                          | Combined Tracks <sup>1</sup> |                           |                           |
|----------------------------------|----------------------------------|-------------------------|--------------------------|-------------------------|---------------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|------------------------------|---------------------------|---------------------------|
| Total Test<br>% Correct<br>Score | All<br>Residents<br>(N=1,225)    | First<br>Year<br>(N=75) | Second<br>Year<br>(N=85) | Third<br>Year<br>(N=82) | First<br>Year<br>(N=155)        | Second<br>Year<br>(N=178) | Third<br>Year<br>(N=194) | Fourth<br>Year<br>(N=172) | Fifth<br>Year<br>(N=153) | Sixth<br>Year<br>(N=130) | Int 4<br>Ind 1<br>(N=247)    | Int 5<br>Ind 2<br>(N=238) | Int 6<br>Ind 3<br>(N=212) |
| 86                               | 100                              | 100                     | 100                      | 100                     | 100                             | 100                       | 100                      | 100                       | 100                      | 100                      | 100                          | 100                       | 100                       |
| 85                               | 100                              | 100                     | 100                      | 100                     | 100                             | 100                       | 99                       | 100                       | 100                      | 98                       | 100                          | 100                       | 99                        |
| 84                               | 100                              | 100                     | 100                      | 100                     | 100                             | 100                       | 99                       | 100                       | 99                       | 98                       | 100                          | 99                        | 99                        |
| 83                               | 99                               | 100                     | 100                      | 100                     | 100                             | 100                       | 99                       | 100                       | 98                       | 98                       | 100                          | 99                        | 99                        |
| 82                               | 98                               | 100                     | 100                      | 99                      | 100                             | 100                       | 98                       | 98                        | 95                       | 98                       | 98                           | 97                        | 98                        |
| 81                               | 98                               | 100                     | 99                       | 98                      | 100                             | 100                       | 98                       | 95                        | 93                       | 96                       | 97                           | 95                        | 97                        |
| 80                               | 96                               | 100                     | 98                       | 98                      | 100                             | 99                        | 98                       | 95                        | 88                       | 94                       | 96                           | 92                        | 95                        |
| 79                               | 93                               | 100                     | 98                       | 95                      | 100                             | 99                        | 94                       | 90                        | 84                       | 85                       | 93                           | 89                        | 89                        |
| 78                               | 91                               | 100                     | 95                       | 94                      | 100                             | 99                        | 90                       | 85                        | 78                       | 81                       | 90                           | 84                        | 86                        |
| 77                               | 85                               | 99                      | 88                       | 83                      | 100                             | 96                        | 87                       | 78                        | 71                       | 68                       | 85                           | 77                        | 74                        |
| 76                               | 81                               | 96                      | 82                       | 80                      | 100                             | 95                        | 79                       | 74                        | 63                       | 62                       | 81                           | 70                        | 69                        |
| 75                               | 76                               | 96                      | 78                       | 79                      | 99                              | 92                        | 74                       | 67                        | 56                       | 55                       | 76                           | 64                        | 64                        |
| 74                               | 70                               | 96                      | 73                       | 72                      | 97                              | 89                        | 68                       | 56                        | 45                       | 45                       | 68                           | 55                        | 56                        |
| 73                               | 64                               | 92                      | 69                       | 67                      | 95                              | 85                        | 64                       | 45                        | 35                       | 40                       | 60                           | 47                        | 50                        |
| 72                               | 56                               | 85                      | 60                       | 54                      | 92                              | 78                        | 53                       | 36                        | 25                       | 31                       | 51                           | 37                        | 40                        |
| 71                               | 52                               | 84                      | 52                       | 50                      | 89                              | 74                        | 51                       | 32                        | 18                       | 28                       | 48                           | 30                        | 36                        |
| 70                               | 48                               | 83                      | 48                       | 45                      | 86                              | 70                        | 45                       | 27                        | 14                       | 23                       | 44                           | 26                        | 32                        |
| 69                               | 40                               | 72                      | 38                       | 35                      | 83                              | 59                        | 40                       | 19                        | 10                       | 16                       | 35                           | 20                        | 24                        |
| 68                               | 36                               | 63                      | 33                       | 28                      | 81                              | 53                        | 35                       | 15                        | 7                        | 15                       | 30                           | 16                        | 20                        |
| 67                               | 30                               | 56                      | 26                       | 20                      | 77                              | 40                        | 26                       | 12                        | 6                        | 11                       | 26                           | 13                        | 14                        |
| 66                               | 26                               | 51                      | 22                       | 16                      | 73                              | 33                        | 20                       | 10                        | 4                        | 7                        | 23                           | 11                        | 10                        |
| 65                               | 23                               | 48                      | 16                       | 15                      | 69                              | 28                        | 16                       | 8                         | 4                        | 5                        | 20                           | 8                         | 9                         |
| 64                               | 19                               | 39                      | 12                       | 9                       | 60                              | 24                        | 14                       | 6                         | 1                        | 3                        | 16                           | 5                         | 5                         |
| 63                               | 16                               | 32                      | 8                        | 7                       | 55                              | 19                        | 12                       | 5                         | 1                        | 3                        | 13                           | 3                         | 5                         |
| 62                               | 13                               | 24                      | 7                        | 6                       | 45                              | 15                        | 9                        | 4                         | 0                        | 3                        | 10                           | 3                         | 4                         |
| 61                               | 10                               | 21                      | 6                        | 5                       | 38                              | 12                        | 7                        | 2                         | 0                        | 2                        | 8                            | 2                         | 3                         |
| 60                               | 9                                | 19                      | 6                        | 2                       | 35                              | 11                        | 5                        | 1                         | 0                        | 1                        | 6                            | 2                         | 1                         |
| 59                               | 7                                | 16                      | 2                        | 2                       | 30                              | 8                         | 3                        | 1                         | 0                        | 1                        | 5                            | 1                         | 1                         |
| 58                               | 6                                | 15                      | 2                        | 2                       | 28                              | 7                         | 3                        | 0                         | 0                        | 1                        | 4                            | 1                         | 1                         |
| 57                               | 5                                | 8                       | 0                        | 1                       | 25                              | 6                         | 3                        | 0                         | 0                        | 1                        | 2                            | 0                         | 1                         |
| 56                               | 4                                | 5                       | 0                        | 1                       | 17                              | 3                         | 3                        | 0                         | 0                        | 1                        | 2                            | 0                         | 1                         |
| 55                               | 3                                | 5                       | 0                        | 1                       | 14                              | 3                         | 2                        | 0                         | 0                        | 1                        | 2                            | 0                         | 1                         |
| 54                               | 2                                | 1                       | 0                        | 1                       | 11                              | 2                         | 2                        | 0                         | 0                        | 1                        | 0                            | 0                         | 1                         |
| 53                               | 2                                | 1                       | 0                        | 1                       | 8                               | 1                         | 2                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 52                               | 1                                | 1                       | 0                        | 1                       | 6                               | 1                         | 2                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 51                               | 1                                | 1                       | 0                        | 1                       | 1                               | 1                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 50                               | 0                                | 1                       | 0                        | 1                       | 1                               | 1                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 49                               | 0                                | 0                       | 0                        | 1                       | 1                               | 0                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 48                               | 0                                | 0                       | 0                        | 1                       | 1                               | 0                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 47                               | 0                                | 0                       | 0                        | 1                       | 1                               | 0                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 46                               | 0                                | 0                       | 0                        | 1                       | 0                               | 0                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 45                               | 0                                | 0                       | 0                        | 1                       | 0                               | 0                         | 1                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 44                               | 0                                | 0                       | 0                        | 1                       | 0                               | 0                         | 0                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 43                               | 0                                | 0                       | 0                        | 1                       | 0                               | 0                         | 0                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |
| 42 and below                     | 0                                | 0                       | 0                        | 0                       | 0                               | 0                         | 0                        | 0                         | 0                        | 0                        | 0                            | 0                         | 0                         |

<sup>1</sup>One resident did not provide the year of residency or program type information.