

| Średnia szkoły | Okręg               |                 |        | województwo lubuskie |                 |        | województwo wielkopolskie |                 |        | województwo zachodnio-pomorskie |                 |        |
|----------------|---------------------|-----------------|--------|----------------------|-----------------|--------|---------------------------|-----------------|--------|---------------------------------|-----------------|--------|
|                | procent skumulowany | ranga centylowa | stanin | procent skumulowany  | ranga centylowa | stanin | procent skumulowany       | ranga centylowa | stanin | procent skumulowany             | ranga centylowa | stanin |
| 0              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 1              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 2              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 3              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 4              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 5              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 6              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 7              | 0,00%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,00%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 8              | 0,09%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,18%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 9              | 0,09%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,18%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 10             | 0,09%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,18%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 11             | 0,09%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,18%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 12             | 0,09%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,18%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 13             | 0,09%               | 0%              | 1      | 0,00%                | 0%              | 1      | 0,18%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 14             | 0,28%               | 0%              | 1      | 0,48%                | 0%              | 1      | 0,36%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 15             | 0,28%               | 0%              | 1      | 0,48%                | 0%              | 1      | 0,36%                     | 0%              | 1      | 0,00%                           | 0%              | 1      |
| 16             | 0,46%               | 0%              | 1      | 0,48%                | 0%              | 1      | 0,72%                     | 1%              | 1      | 0,00%                           | 0%              | 1      |
| 17             | 0,46%               | 0%              | 1      | 0,48%                | 0%              | 1      | 0,72%                     | 1%              | 1      | 0,00%                           | 0%              | 1      |
| 18             | 0,74%               | 1%              | 1      | 0,96%                | 1%              | 1      | 1,08%                     | 1%              | 1      | 0,00%                           | 0%              | 1      |
| 19             | 0,74%               | 1%              | 1      | 0,96%                | 1%              | 1      | 1,08%                     | 1%              | 1      | 0,00%                           | 0%              | 1      |
| 20             | 1,02%               | 1%              | 1      | 0,96%                | 1%              | 1      | 1,25%                     | 1%              | 1      | 0,64%                           | 0%              | 1      |
| 21             | 1,02%               | 1%              | 1      | 0,96%                | 1%              | 1      | 1,25%                     | 1%              | 1      | 0,64%                           | 1%              | 1      |
| 22             | 1,30%               | 1%              | 1      | 0,96%                | 1%              | 1      | 1,79%                     | 2%              | 1      | 0,64%                           | 1%              | 1      |
| 23             | 1,58%               | 1%              | 1      | 0,96%                | 1%              | 1      | 1,97%                     | 2%              | 1      | 1,29%                           | 1%              | 1      |
| 24             | 2,14%               | 2%              | 1      | 1,44%                | 1%              | 1      | 2,69%                     | 2%              | 1      | 1,61%                           | 1%              | 1      |
| 25             | 2,51%               | 2%              | 1      | 1,44%                | 1%              | 1      | 3,23%                     | 3%              | 1      | 1,93%                           | 2%              | 1      |
| 26             | 3,44%               | 3%              | 1      | 1,44%                | 1%              | 1      | 4,48%                     | 4%              | 2      | 2,89%                           | 2%              | 1      |
| 27             | 3,81%               | 4%              | 2      | 1,92%                | 2%              | 1      | 4,84%                     | 5%              | 2      | 3,22%                           | 3%              | 1      |
| 28             | 4,83%               | 4%              | 2      | 1,92%                | 2%              | 1      | 6,45%                     | 6%              | 2      | 3,86%                           | 4%              | 2      |
| 29             | 5,76%               | 5%              | 2      | 2,40%                | 2%              | 1      | 7,89%                     | 7%              | 2      | 4,18%                           | 4%              | 2      |
| 30             | 7,15%               | 6%              | 2      | 4,33%                | 3%              | 1      | 9,14%                     | 9%              | 2      | 5,47%                           | 5%              | 2      |
| 31             | 8,08%               | 8%              | 2      | 5,77%                | 5%              | 2      | 10,22%                    | 10%             | 2      | 5,79%                           | 6%              | 2      |
| 32             | 9,56%               | 9%              | 2      | 7,69%                | 7%              | 2      | 11,47%                    | 11%             | 3      | 7,40%                           | 7%              | 2      |
| 33             | 11,05%              | 10%             | 2      | 8,65%                | 8%              | 2      | 12,37%                    | 12%             | 3      | 10,29%                          | 9%              | 2      |
| 34             | 12,44%              | 12%             | 3      | 9,13%                | 9%              | 2      | 14,52%                    | 13%             | 3      | 10,93%                          | 11%             | 3      |
| 35             | 14,48%              | 13%             | 3      | 12,02%               | 11%             | 3      | 16,31%                    | 15%             | 3      | 12,86%                          | 12%             | 3      |
| 36             | 16,62%              | 16%             | 3      | 12,98%               | 12%             | 3      | 18,64%                    | 17%             | 3      | 15,43%                          | 14%             | 3      |
| 37             | 18,48%              | 18%             | 3      | 13,94%               | 13%             | 3      | 20,43%                    | 20%             | 3      | 18,01%                          | 17%             | 3      |
| 38             | 20,52%              | 19%             | 3      | 16,35%               | 15%             | 3      | 22,04%                    | 21%             | 3      | 20,58%                          | 19%             | 3      |
| 39             | 21,73%              | 21%             | 3      | 17,31%               | 17%             | 3      | 22,94%                    | 22%             | 3      | 22,51%                          | 22%             | 3      |
| 40             | 23,03%              | 22%             | 3      | 18,75%               | 18%             | 3      | 24,55%                    | 24%             | 4      | 23,15%                          | 23%             | 4      |
| 41             | 24,51%              | 24%             | 4      | 20,19%               | 19%             | 3      | 26,16%                    | 25%             | 4      | 24,44%                          | 24%             | 4      |
| 42             | 25,72%              | 25%             | 4      | 23,08%               | 22%             | 3      | 27,24%                    | 27%             | 4      | 24,76%                          | 25%             | 4      |
| 43             | 27,95%              | 27%             | 4      | 24,52%               | 24%             | 4      | 28,85%                    | 28%             | 4      | 28,62%                          | 27%             | 4      |
| 44             | 30,27%              | 29%             | 4      | 26,92%               | 26%             | 4      | 31,18%                    | 30%             | 4      | 30,87%                          | 30%             | 4      |
| 45             | 32,68%              | 31%             | 4      | 30,29%               | 29%             | 4      | 34,05%                    | 33%             | 4      | 31,83%                          | 31%             | 4      |
| 46             | 34,26%              | 33%             | 4      | 32,21%               | 31%             | 4      | 35,30%                    | 35%             | 4      | 33,76%                          | 33%             | 4      |
| 47             | 36,49%              | 35%             | 4      | 35,58%               | 34%             | 4      | 37,81%                    | 37%             | 4      | 34,73%                          | 34%             | 4      |
| 48             | 38,25%              | 37%             | 4      | 37,50%               | 37%             | 4      | 39,43%                    | 39%             | 4      | 36,66%                          | 36%             | 4      |
| 49             | 40,48%              | 39%             | 4      | 39,90%               | 39%             | 4      | 41,04%                    | 40%             | 5      | 39,87%                          | 38%             | 4      |
| 50             | 43,08%              | 42%             | 5      | 42,31%               | 41%             | 5      | 43,37%                    | 42%             | 5      | 43,09%                          | 41%             | 5      |
| 51             | 45,40%              | 44%             | 5      | 44,23%               | 43%             | 5      | 45,52%                    | 44%             | 5      | 45,98%                          | 45%             | 5      |
| 52             | 46,98%              | 46%             | 5      | 44,71%               | 44%             | 5      | 47,49%                    | 47%             | 5      | 47,59%                          | 47%             | 5      |
| 53             | 49,68%              | 48%             | 5      | 48,08%               | 46%             | 5      | 50,54%                    | 49%             | 5      | 49,20%                          | 48%             | 5      |
| 54             | 52,09%              | 51%             | 5      | 50,48%               | 49%             | 5      | 53,05%                    | 52%             | 5      | 51,45%                          | 50%             | 5      |
| 55             | 54,69%              | 53%             | 5      | 51,92%               | 51%             | 5      | 56,27%                    | 55%             | 5      | 53,70%                          | 53%             | 5      |
| 56             | 57,01%              | 56%             | 5      | 56,25%               | 54%             | 5      | 57,71%                    | 57%             | 5      | 56,27%                          | 55%             | 5      |
| 57             | 59,80%              | 58%             | 5      | 58,65%               | 57%             | 5      | 60,22%                    | 59%             | 5      | 59,81%                          | 58%             | 5      |
| 58             | 61,84%              | 61%             | 6      | 59,62%               | 59%             | 5      | 63,08%                    | 62%             | 6      | 61,09%                          | 60%             | 6      |
| 59             | 64,35%              | 63%             | 6      | 65,87%               | 63%             | 6      | 65,05%                    | 64%             | 6      | 62,06%                          | 62%             | 6      |
| 60             | 66,48%              | 65%             | 6      | 67,79%               | 67%             | 6      | 67,20%                    | 66%             | 6      | 64,31%                          | 63%             | 6      |
| 61             | 68,52%              | 68%             | 6      | 69,23%               | 69%             | 6      | 69,89%                    | 69%             | 6      | 65,59%                          | 65%             | 6      |
| 62             | 70,29%              | 69%             | 6      | 72,12%               | 71%             | 6      | 71,51%                    | 71%             | 6      | 66,88%                          | 66%             | 6      |
| 63             | 72,14%              | 71%             | 6      | 72,60%               | 72%             | 6      | 73,30%                    | 72%             | 6      | 69,77%                          | 68%             | 6      |
| 64             | 73,54%              | 73%             | 6      | 73,56%               | 73%             | 6      | 75,09%                    | 74%             | 6      | 70,74%                          | 70%             | 6      |
| 65             | 75,86%              | 75%             | 6      | 75,96%               | 75%             | 6      | 78,32%                    | 77%             | 7      | 71,38%                          | 71%             | 6      |
| 66             | 77,25%              | 77%             | 7      | 77,88%               | 77%             | 7      | 79,03%                    | 79%             | 7      | 73,63%                          | 73%             | 6      |
| 67             | 78,74%              | 78%             | 7      | 79,33%               | 79%             | 7      | 79,93%                    | 79%             | 7      | 76,21%                          | 75%             | 6      |
| 68             | 79,76%              | 79%             | 7      | 80,77%               | 80%             | 7      | 81,00%                    | 80%             | 7      | 76,85%                          | 77%             | 7      |
| 69             | 81,06%              | 80%             | 7      | 81,73%               | 81%             | 7      | 81,18%                    | 81%             | 7      | 80,39%                          | 79%             | 7      |
| 70             | 82,36%              | 82%             | 7      | 82,69%               | 82%             | 7      | 82,44%                    | 82%             | 7      | 81,99%                          | 81%             | 7      |
| 71             | 83,84%              | 83%             | 7      | 84,13%               | 83%             | 7      | 83,87%                    | 83%             | 7      | 83,60%                          | 83%             | 7      |
| 72             | 85,14%              | 84%             | 7      | 86,06%               | 85%             | 7      | 84,59%                    | 84%             | 7      | 85,53%                          | 85%             | 7      |
| 73             | 86,17%              | 86%             | 7      | 87,02%               | 87%             | 7      | 85,48%                    | 85%             | 7      | 86,82%                          | 86%             | 7      |
| 74             | 86,82%              | 86%             | 7      | 87,98%               | 87%             | 7      | 85,66%                    | 86%             | 7      | 88,10%                          | 87%             | 7      |
| 75             | 88,02%              | 87%             | 7      | 88,94%               | 88%             | 7      | 87,28%                    | 86%             | 7      | 88,75%                          | 88%             | 7      |
| 76             | 88,86%              | 88%             | 7      | 89,42%               | 89%             | 8      | 88,53%                    | 88%             | 7      | 89,07%                          | 89%             | 8      |
| 77             | 89,42%              | 89%             | 8      | 90,87%               | 90%             | 8      | 88,89%                    | 89%             | 8      | 89,39%                          | 89%             | 8      |
| 78             | 90,34%              | 90%             | 8      | 92,31%               | 92%             | 8      | 89,96%                    | 89%             | 8      | 89,71%                          | 90%             | 8      |
| 79             | 91,27%              | 91%             | 8      | 93,27%               | 93%             | 8      | 91,04%                    | 91%             | 8      | 90,35%                          | 90%             | 8      |
| 80             | 92,29%              | 92%             | 8      | 93,27%               | 93%             | 8      | 92,83%                    | 92%             | 8      | 90,68%                          | 91%             | 8      |
| 81             | 93,13%              | 93%             | 8      | 94,23%               | 94%             | 8      | 93,37%                    | 93%             | 8      | 91,96%                          | 91%             | 8      |
| 82             | 93,50%              | 93%             | 8      | 94,23%               | 94%             | 8      | 93,91%                    | 94%             | 8      | 92,28%                          | 92%             | 8      |
| 83             | 94,43%              | 94%             | 8      | 94,23%               | 94%             | 8      | 94,98%                    | 94%             | 8      | 93,57%                          | 93%             | 8      |
| 84             | 95,26%              | 95%             | 8      | 95,67%               | 95%             | 8      | 95,70%                    | 95%             | 8      | 94,21%                          | 94%             | 8      |
| 85             | 96,01%              | 96%             | 9      | 97,12%               | 96%             | 9      | 96,24%                    | 96%             | 9      | 94,86%                          | 95%             | 8      |
| 86             | 96,47%              | 96%             | 9      | 97,12%               | 97%             | 9      | 96,77%                    | 97%             | 9      | 95,50%                          | 95%             | 8      |
| 87             | 96,75%              | 97%             | 9      | 97,12%               | 97%             | 9      | 96,77%                    | 97%             | 9      | 96,46%                          | 96%             | 9      |
| 88             | 97,31%              | 97%             | 9      | 98,08%               | 98%             | 9      | 97,13%                    | 97%             | 9      | 97,11%                          | 97%             | 9      |
| 89             | 97,77%              | 98%             | 9      | 99,04%               | 99%             | 9      | 97,67%                    | 97%             | 9      | 97,11%                          | 97%             | 9      |
| 90             | 98,14%              | 98%             | 9      | 99,04%               | 99%             | 9      | 98,03%                    | 98%             | 9      | 97,75%                          | 97%             | 9      |
| 91             | 98,42%              | 98%             | 9      | 99,04%               | 99%             | 9      | 98,57%                    | 98%             | 9      | 97,75%                          | 98%             | 9      |
| 92             | 98,70%              | 99%             | 9      | 99,04%               | 99%             | 9      | 98,92%                    | 99%             | 9      | 98,07%                          | 98%             | 9      |
| 93             | 98,89%              | 99%             | 9      | 99,04%               | 99%             | 9      | 98,92%                    | 99%             | 9      | 98,71%                          | 98%             | 9      |
| 94             | 99,16%              | 99%             | 9      | 99,04%               | 99%             | 9      | 99,28%                    | 99%             | 9      | 99,04%                          | 99%             | 9      |
| 95             | 99,35%              | 99%             | 9      | 99,52%               | 99%             | 9      | 99,46%                    | 99%             | 9      | 99,04%                          | 99%             | 9      |
| 96             | 99,54%              | 99%             | 9      | 99,52%               | 100%            | 9      | 99,46%                    | 99%             | 9      | 99,68%                          | 99%             | 9      |
| 97             | 99,63%              | 100%            | 9      | 99,52%               | 100%            | 9      | 99,46%                    | 99%             | 9      | 100,00%                         | 100%            | 9      |
| 98             | 99,81%              | 100%            | 9      | 99,52%               | 100%            | 9      | 99,82%                    | 100%            | 9      | 100,00%                         | 100%            | 9      |
| 99             | 99,91%              | 100%            | 9      | 99,52%               | 100%            | 9      | 100,00%                   | 100%            | 9      | 100,00%                         | 100%            | 9      |
| 100            | 100,00%             | 100%            | 9      | 100,00%              | 100%            | 9      | 100,00%                   | 100%            | 9      | 100,00%                         | 100%            | 9      |