



# Class Size Report – 2013-14

## Elementary Mean Class Size by Grade

Table 1

|          | Kindergarten | Grade K/1 | Grade 1 | Grade 2 | Grade 2/3 | Grade 3 | Grade 4 | Grade 4/5 | Grade 5 |
|----------|--------------|-----------|---------|---------|-----------|---------|---------|-----------|---------|
| Division | 18.4         | 17.7      | 18.7    | 18.5    | 17        | 19.6    | 19.6    | 16.3      | 21.3    |

## Elementary Class Size Frequency Distributions by Grade

Tables 2 &amp; 3

|                      | Division   |      | K         |      | K/1       |      | 1 <sup>st</sup> |      | 2 <sup>nd</sup> |      | 2/3      |    |
|----------------------|------------|------|-----------|------|-----------|------|-----------------|------|-----------------|------|----------|----|
| Class Sizes          | N          | %    | N         | %    | N         | %    | N               | %    | N               | %    | N        | %  |
| 15 or fewer          | 25         | 7.9  | 5         | 9.4  | 2         | 15.4 | 3               | 5.8  | 6               | 12.6 | 1        | 20 |
| 16                   | 24         | 7.5  | 8         | 15.1 | 2         | 15.4 | 2               | 3.8  | 4               | 8.3  | 1        | 20 |
| 17                   | 43         | 13.5 | 9         | 17   | 2         | 15.4 | 7               | 13.5 | 6               | 12.5 | 1        | 20 |
| 18                   | 49         | 15.4 | 5         | 9.4  | 1         | 7.7  | 12              | 23.1 | 13              | 27.1 | 2        | 40 |
| 19                   | 34         | 10.7 | 7         | 13.2 | 3         | 23.1 | 7               | 13.5 | 5               | 10.4 |          |    |
| 20                   | 53         | 16.7 | 12        | 22.6 | 3         | 23.1 | 11              | 21.2 | 6               | 12.5 |          |    |
| 21                   | 29         | 9.1  | 2         | 3.8  |           |      | 7               | 13.5 | 1               | 2.1  |          |    |
| 22                   | 21         | 6.6  | 4         | 7.5  |           |      | 3               | 5.8  | 2               | 4.2  |          |    |
| 23                   | 15         | 4.7  | 1         | 1.9  |           |      |                 |      | 2               | 4.2  |          |    |
| 24                   | 13         | 4.1  |           |      |           |      |                 |      | 1               | 2.1  |          |    |
| 25 or more           | 12         | 3.7  |           |      |           |      |                 |      | 2               | 4.2  |          |    |
| <b>Total Classes</b> | <b>318</b> |      | <b>53</b> |      | <b>13</b> |      | <b>52</b>       |      | <b>48</b>       |      | <b>5</b> |    |

|                      | 3 <sup>rd</sup> |    | 4 <sup>th</sup> |    | 4/5      |      | 5 <sup>th</sup> |      | Division   |      |
|----------------------|-----------------|----|-----------------|----|----------|------|-----------------|------|------------|------|
| Class Sizes          | N               | %  | N               | %  | N        | %    | N               | %    | N          | %    |
| 15                   | 3               | 6  | 5               | 10 |          |      |                 |      | 25         | 7.9  |
| 16                   | 1               | 2  | 3               | 6  | 2        | 66.7 | 1               | 2.3  | 24         | 7.5  |
| 17                   | 6               | 12 | 5               | 10 | 1        | 33.3 | 6               | 13.6 | 43         | 13.5 |
| 18                   | 7               | 14 | 5               | 10 |          |      | 6               | 13.6 | 49         | 15.4 |
| 19                   | 7               | 14 | 2               | 4  |          |      |                 |      | 34         | 10.7 |
| 20                   | 9               | 18 | 8               | 16 |          |      | 5               | 11.4 | 53         | 16.7 |
| 21                   | 9               | 18 | 8               | 16 |          |      | 2               | 4.5  | 29         | 9.1  |
| 22                   |                 |    | 8               | 16 |          |      | 5               | 11.4 | 21         | 6.6  |
| 23                   | 4               | 8  | 4               | 8  |          |      | 4               | 9.1  | 15         | 4.7  |
| 24                   | 3               | 6  |                 |    |          |      | 8               | 18.2 | 13         | 4.1  |
| 25                   | 1               | 2  | 2               | 4  |          |      | 7               | 15.9 | 12         | 3.7  |
| <b>Total Classes</b> | <b>50</b>       |    | <b>50</b>       |    | <b>3</b> |      | <b>44</b>       |      | <b>318</b> |      |



Middle School Mean Class Sizes by Course

Table 4

| Math      | Mean | English   | Mean | Science      | Mean | History    | Mean |
|-----------|------|-----------|------|--------------|------|------------|------|
| Math 6    | 21.4 | English 6 | 22.8 | Science 6    | 23.3 | US His I   | 23.2 |
| Math 7    | 19.5 | English 7 | 22.9 | Life Sci     | 21.9 | US His II  | 22.1 |
| Math 8    | 18.2 | English 8 | 22.2 | Physical Sci | 21.9 | Civ & Econ | 22.1 |
| Algebra I | 24.2 |           |      |              |      |            |      |
| Geometry  | 23.6 |           |      |              |      |            |      |

\* This chart only includes non-specialty sections of core courses

Middle School Class Size Frequencies by Content Area

Table 5

| Class Sizes  | Math       |     | English    |      | Science    |      | History    |      |
|--------------|------------|-----|------------|------|------------|------|------------|------|
|              | N          | %   | N          | %    | N          | %    | N          | %    |
| 10 or fewer  | 3          | 2.2 |            |      |            |      |            |      |
| 11           | 1          | .7  |            |      | 3          | 2.3  | 2          | 1.6  |
| 12           | 2          | 1.5 | 2          | 1.6  | 1          | .8   |            |      |
| 13           | 5          | 3.7 | 1          | .8   | 1          | .8   | 2          | 1.6  |
| 14           | 3          | 2.2 | 2          | 1.6  | 3          | 2.3  | 2          | 1.6  |
| 15           | 5          | 3.7 | 3          | 2.4  | 3          | 2.3  | 4          | 3.1  |
| 16           | 9          | 6.7 | 4          | 3.2  | 1          | .8   | 4          | 3.1  |
| 17           | 8          | 5.9 | 3          | 2.4  | 3          | 2.3  | 4          | 3.1  |
| 18           | 9          | 6.7 | 5          | 4    | 6          | 4.7  | 5          | 3.9  |
| 19           | 9          | 6.7 | 6          | 4.8  | 6          | 4.7  | 7          | 5.4  |
| 20           | 5          | 3.7 | 8          | 6.3  | 8          | 6.2  | 10         | 7.8  |
| 21           | 9          | 6.7 | 10         | 7.9  | 17         | 13.2 | 12         | 9.3  |
| 22           | 8          | 5.9 | 12         | 9.5  | 12         | 9.3  | 6          | 4.7  |
| 23           | 12         | 8.9 | 14         | 11.1 | 11         | 8.5  | 17         | 13.2 |
| 24           | 6          | 4.4 | 12         | 9.5  | 10         | 7.8  | 9          | 7    |
| 25           | 11         | 8.1 | 14         | 11.1 | 11         | 8.5  | 10         | 7.8  |
| 26           | 9          | 6.7 | 11         | 8.7  | 11         | 8.5  | 3          | 2.3  |
| 27           | 6          | 4.4 | 6          | 4.8  | 9          | 7.0  | 19         | 14.7 |
| 28           | 3          | 2.2 | 5          | 4    | 7          | 5.4  | 6          | 4.7  |
| 29           | 3          | 2.2 | 5          | 4    | 5          | 3.9  | 5          | 3.9  |
| 30           | 5          | 3.7 | 1          | .8   | 1          | .8   | 2          | 1.6  |
| 31 or more   | 4          | 2.9 | 2          | 1.6  |            |      |            |      |
| <b>Total</b> | <b>135</b> |     | <b>126</b> |      | <b>129</b> |      | <b>129</b> |      |

\* This chart only includes non-specialty sections of core courses



## High School Mean Class Sizes by Course

Tables 6 & 7

| Math              | Mean | English    | Mean | Science   | Mean | History    | Mean |
|-------------------|------|------------|------|-----------|------|------------|------|
| Algebra I         | 18.5 | English 9  | 20.5 | Earth Sci | 20.2 | World I    | 19.9 |
| Geometry          | 19.9 | English 10 | 20.1 | Biology   | 21.3 | World II   | 20.2 |
| AFDA              | 19.1 | English 11 | 20.1 | Chemistry | 20.6 | VA & US    | 19.4 |
| Algebra II        | 21.6 | English 12 | 17.2 | Physics   | 20   | Government | 20.5 |
| Alg II & Trig     | 20.9 | Lit & Comp | 21.9 | Other     | 22.1 | Geography  | 24.1 |
| Trig              | 22.4 | Other      | 17.5 |           |      | Other      | 20.9 |
| Math A & Pre-Calc | 19.9 |            |      |           |      |            |      |
| Statistics        | 22.4 |            |      |           |      |            |      |
| Calculus          | 21.8 |            |      |           |      |            |      |
| Other             | 10.5 |            |      |           |      |            |      |

|            | French | German | Latin | Japanese | Spanish |
|------------|--------|--------|-------|----------|---------|
| Level 1    | 14.3   | 18.7   | 22.3  | 8.5      | 23      |
| Level 2    | 19.6   | 19.5   | 17.5  | 10.5     | 22      |
| Level 3    | 18.4   | 15     | 21.3  | 10       | 20      |
| Level 4    | 15.8   | 10.3   | 8     | 3        | 16.1    |
| AP/Level 5 | 9      | 13     | 5     |          | 13.8    |

\* World languages have a higher number of low section enrollments due to variable enrollment patterns



## High School Class Size Frequencies by Content Area

Table 8

\* World languages have a higher number of low section enrollments due to variable enrollment patterns

|                    | Math       |      | English    |      | Science    |      | History    |      | Languages  |      |
|--------------------|------------|------|------------|------|------------|------|------------|------|------------|------|
|                    | N          | %    | N          | %    | N          | %    | N          | %    | N          | %    |
| <b>10 or fewer</b> | 13         | 6.5  | 11         | 6.3  | 6          | 3.2  | 6          | 2.8  | 19         | 12   |
| <b>11</b>          | 1          | .5   | 5          | 2.8  | 2          | 1.1  | 2          | .9   | 5          | 3.2  |
| <b>12</b>          | 2          | 1    | 2          | 1.1  | 1          | .5   | 4          | 1.8  | 5          | 3.2  |
| <b>13</b>          | 5          | 2.5  |            |      | 5          | 2.6  | 5          | 2.3  | 7          | 4.4  |
| <b>14</b>          | 6          | 3    | 10         | 5.7  | 4          | 2.1  | 7          | 3.2  | 2          | 1.3  |
| <b>15</b>          | 7          | 3.5  | 6          | 3.4  | 4          | 2.1  | 8          | 3.7  | 8          | 5.1  |
| <b>16</b>          | 7          | 3.5  | 4          | 2.3  | 8          | 4.2  | 4          | 1.8  | 4          | 2.5  |
| <b>17</b>          | 8          | 4    | 6          | 3.4  | 7          | 3.7  | 13         | 6    | 12         | 7.6  |
| <b>18</b>          | 7          | 3.5  | 9          | 5.1  | 16         | 8.4  | 11         | 5    | 8          | 5.1  |
| <b>19</b>          | 14         | 7.1  | 7          | 4    | 15         | 7.9  | 20         | 9.2  | 12         | 7.6  |
| <b>20</b>          | 19         | 9.6  | 10         | 5.7  | 17         | 8.9  | 23         | 10.6 | 10         | 6.3  |
| <b>21</b>          | 22         | 11.1 | 17         | 9.7  | 15         | 7.9  | 14         | 6.4  | 13         | 8.2  |
| <b>22</b>          | 12         | 6.1  | 23         | 13.1 | 20         | 10.5 | 19         | 8.7  | 6          | 3.8  |
| <b>23</b>          | 14         | 7.1  | 15         | 8.5  | 16         | 8.4  | 25         | 11.5 | 11         | 7    |
| <b>24</b>          | 22         | 11.1 | 21         | 11.9 | 15         | 7.9  | 20         | 9.2  | 17         | 10.8 |
| <b>25</b>          | 17         | 8.6  | 10         | 5.7  | 19         | 10   | 18         | 8.3  | 10         | 6.3  |
| <b>26</b>          | 9          | 4.5  | 16         | 9.1  | 8          | 4.2  | 12         | 5.5  | 4          | 2.5  |
| <b>27</b>          | 5          | 2.5  | 3          | 1.7  | 7          | 3.7  | 3          | 1.4  | 1          | .6   |
| <b>28</b>          | 3          | 1.5  |            |      |            |      |            |      | 2          | 1.3  |
| <b>29</b>          | 2          | 1    | 1          | .6   | 3          | 1.6  | 2          | .9   | 2          | 1.3  |
| <b>30</b>          | 2          | 1    |            |      | 1          | .5   | 1          | .5   |            |      |
| <b>31 or more</b>  | 1          | .5   |            |      | 2          | 1    | 1          | .5   |            |      |
| <b>Total</b>       | <b>198</b> |      | <b>176</b> |      | <b>190</b> |      | <b>218</b> |      | <b>158</b> |      |