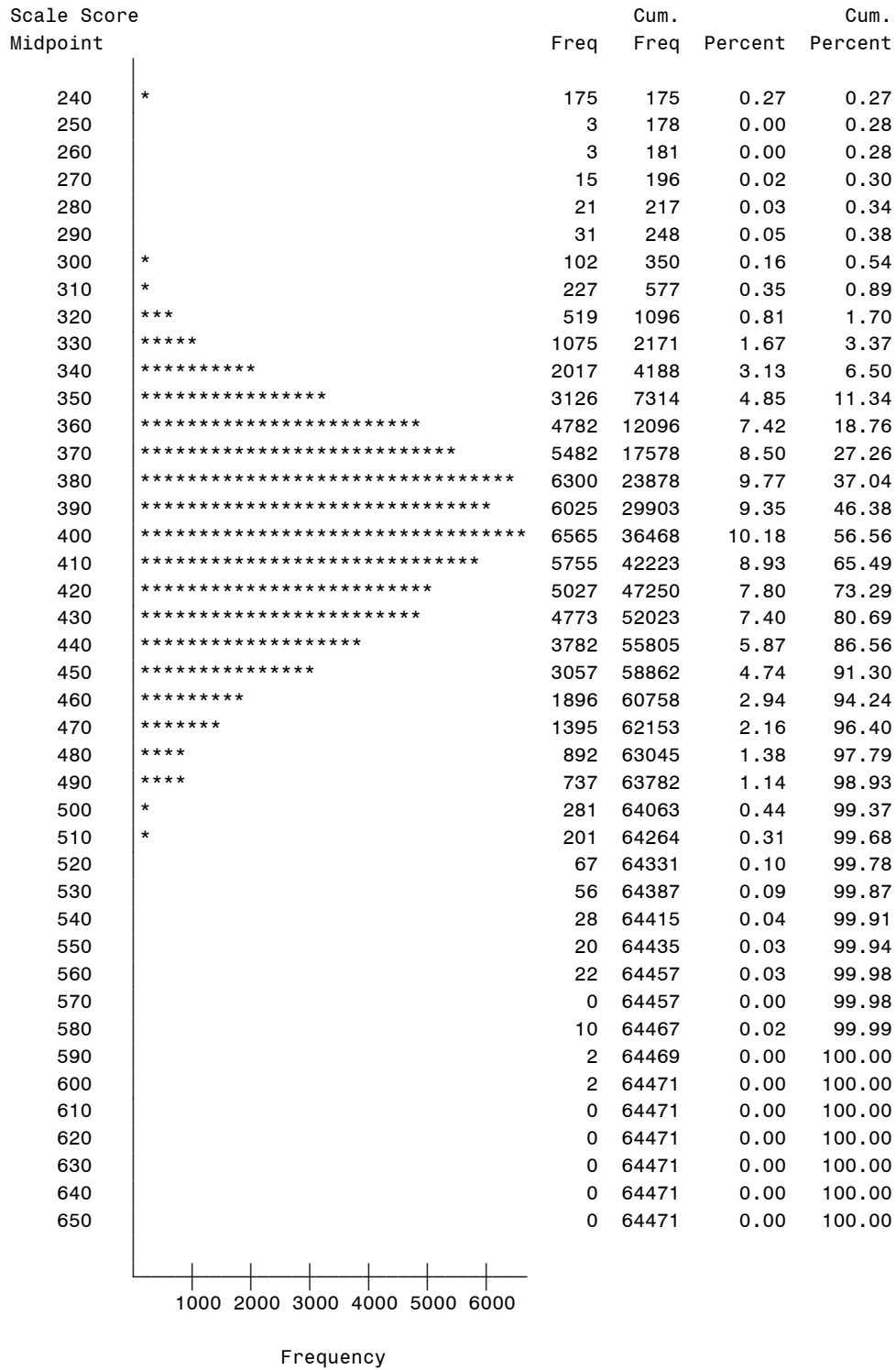


## **APPENDIX B: SCALE SCORE HISTOGRAMS AND TUKEY CHARTS**

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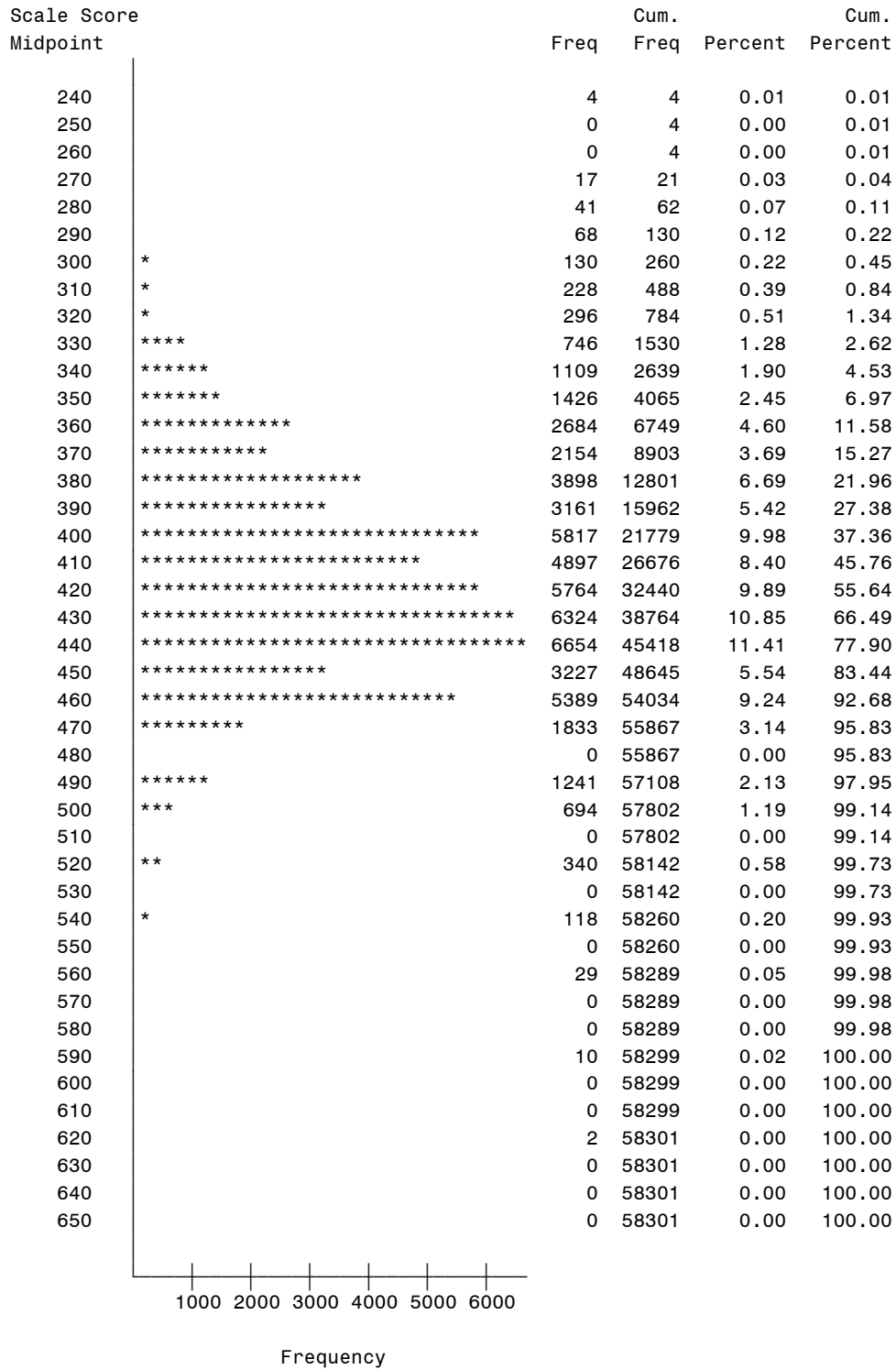
**Year 2003 Grade=3 (Base Year)**



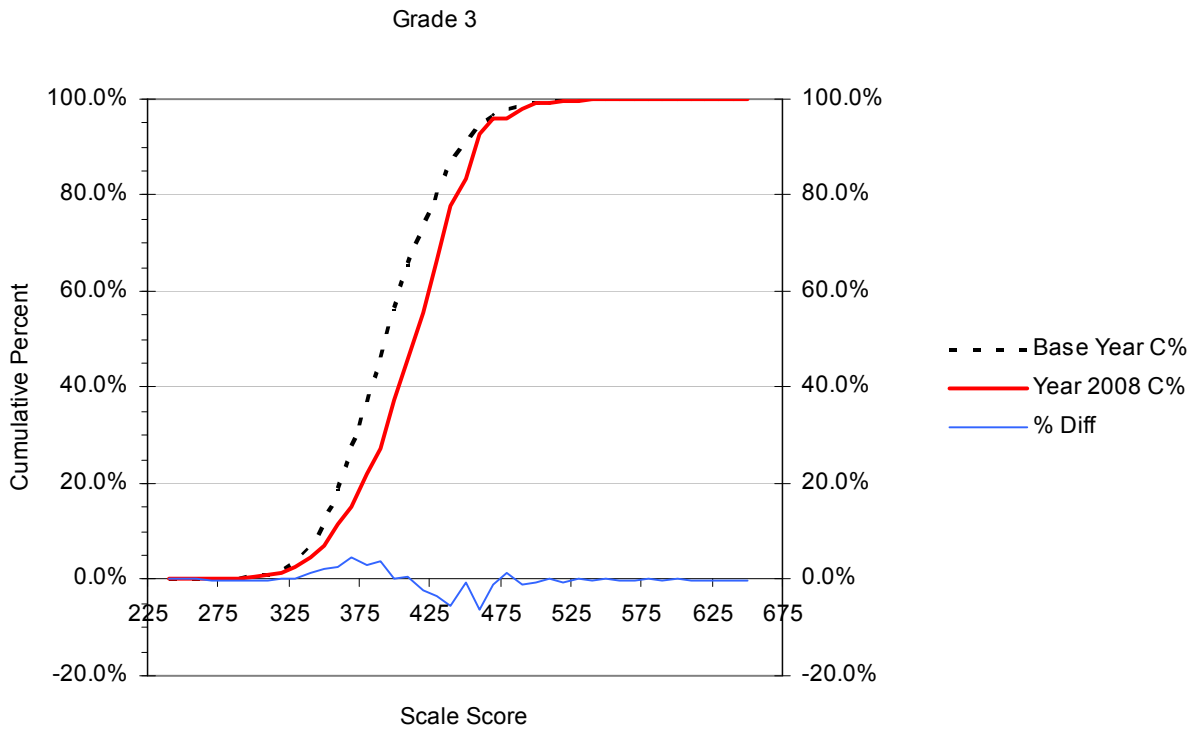
**Figure B.1 Year 2003 Scale Score Distribution: Grade3**



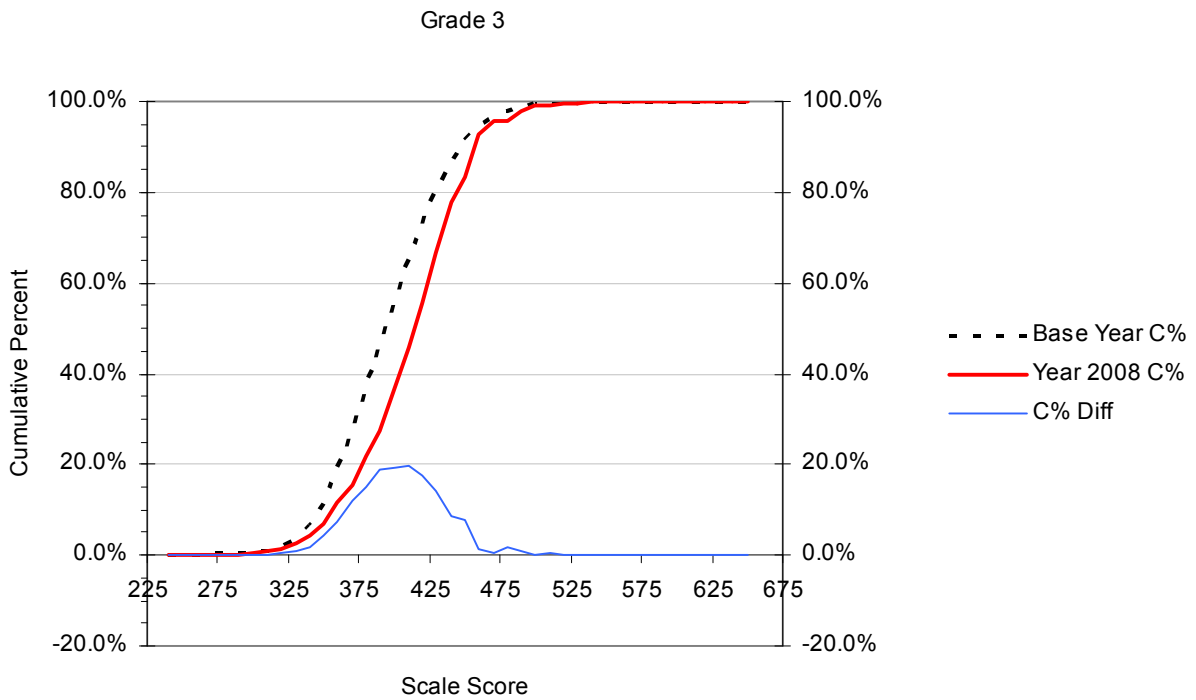
**Year 2008 Grade=3**



**Figure B.2 Year 2008 Scale Score Distribution: Grade 3**

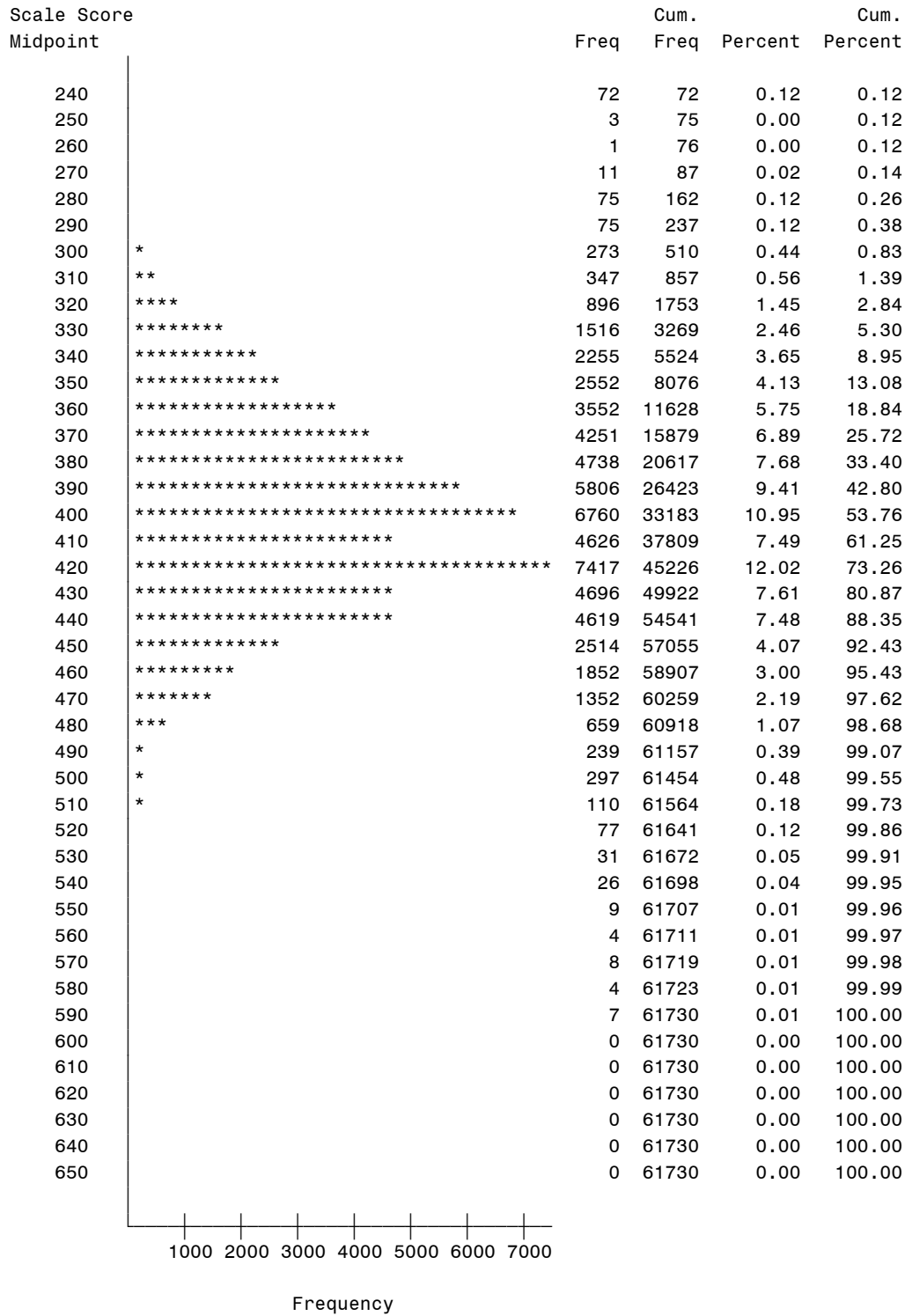


**Figure B.3 Cumulative Distribution Functions (CDFs) for the Year 2003 vs. Year 2008 Scale Scores with the Percent Differences between CDFs: Grade 3**



**Figure B.4 Cumulative Distribution Functions (CDFs) for the Year 2003 vs. Year 2008 Scale Scores with the Cumulative Percent Differences between CDFs: Grade 3**

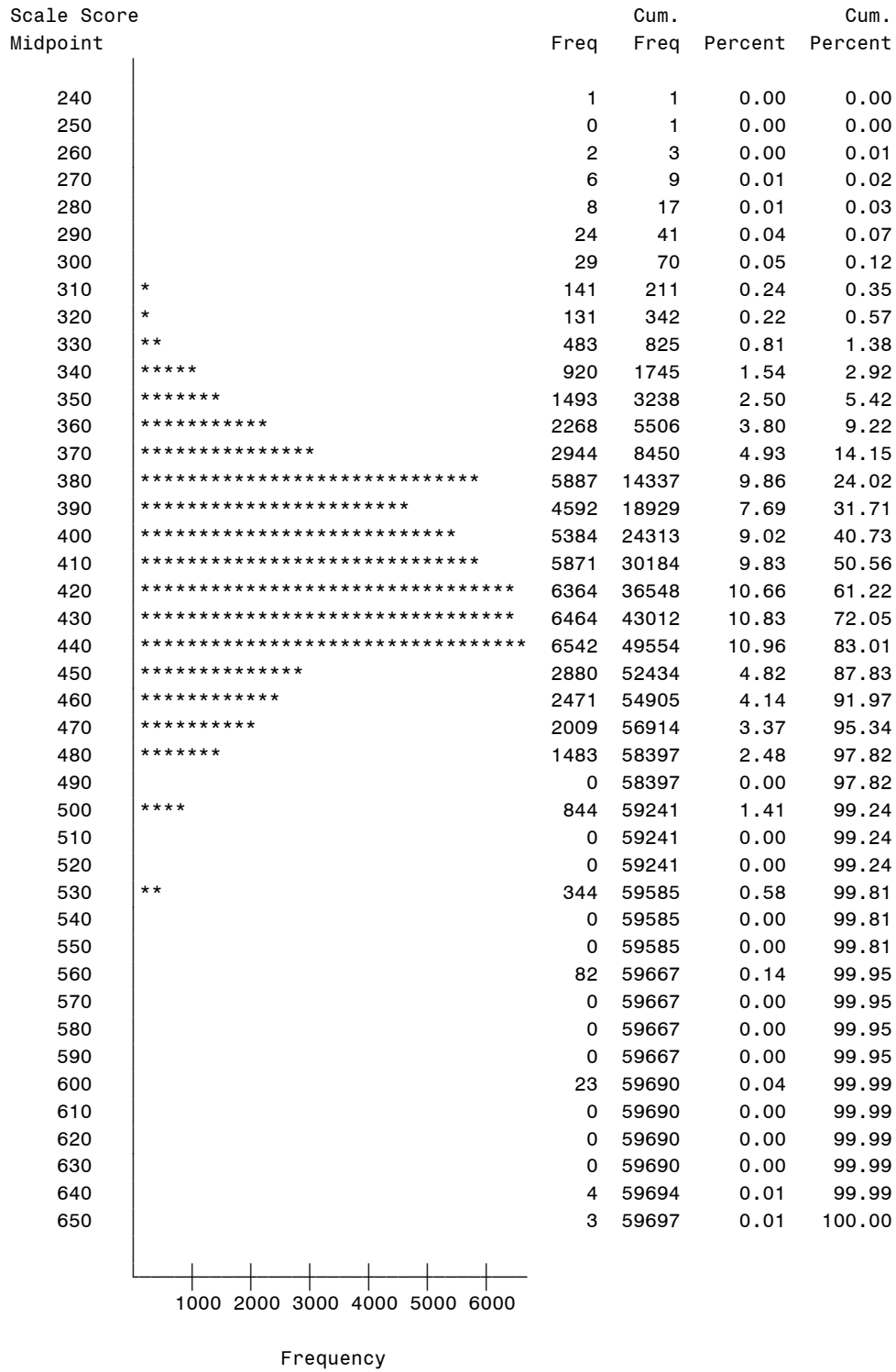
**Year 2004 Grade=4 (Base Year)**



**Figure B.5 Year 2004 Scale Score Distribution: Grade 4**

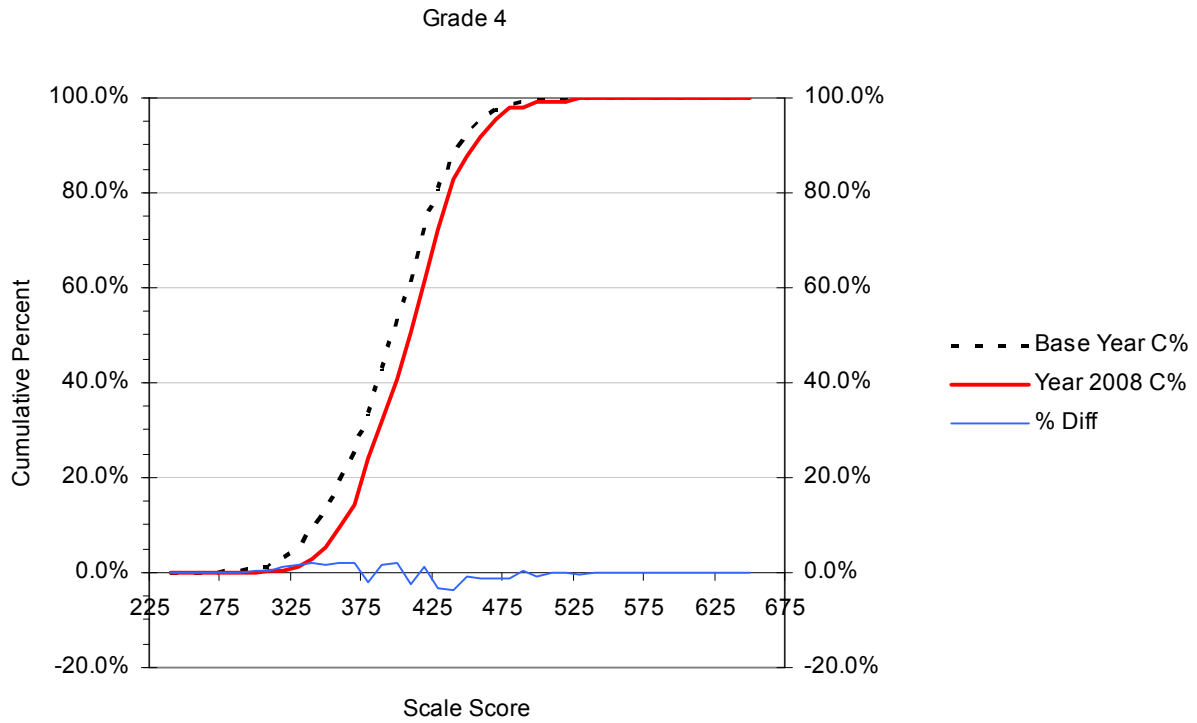


**Year 2008 Grade=4**

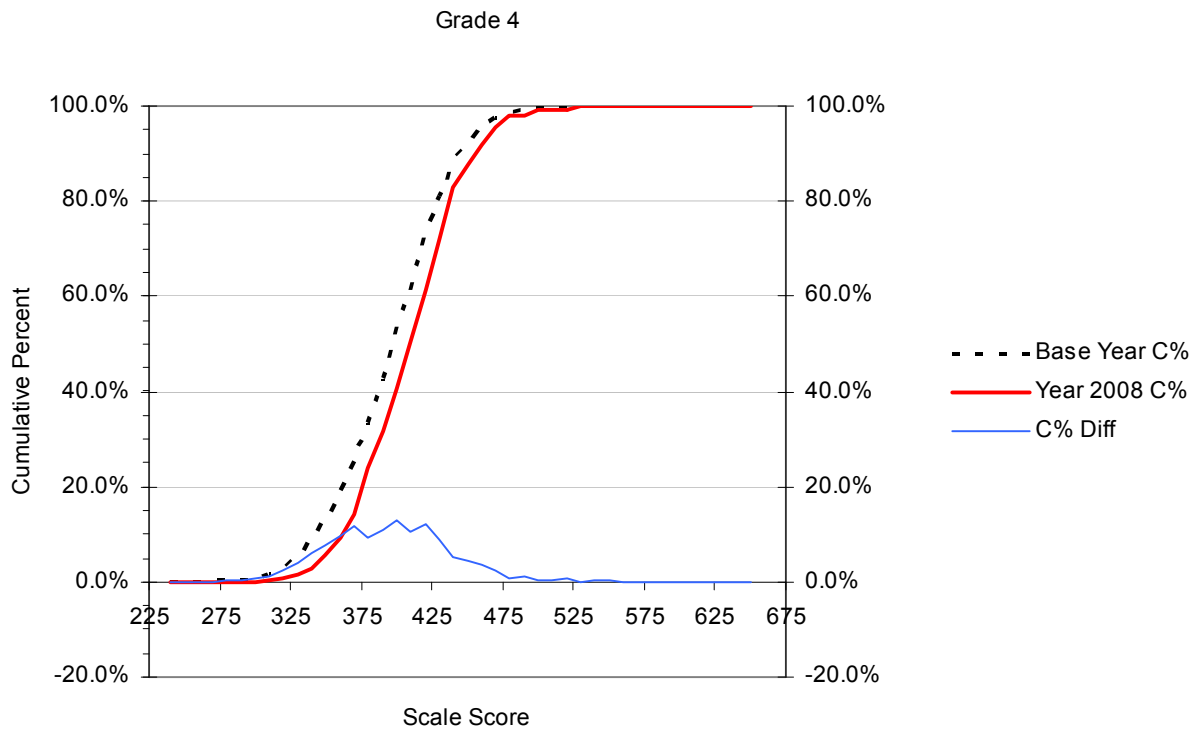


**Figure B.6 Year 2008 Scale Score Distribution: Grade 4**



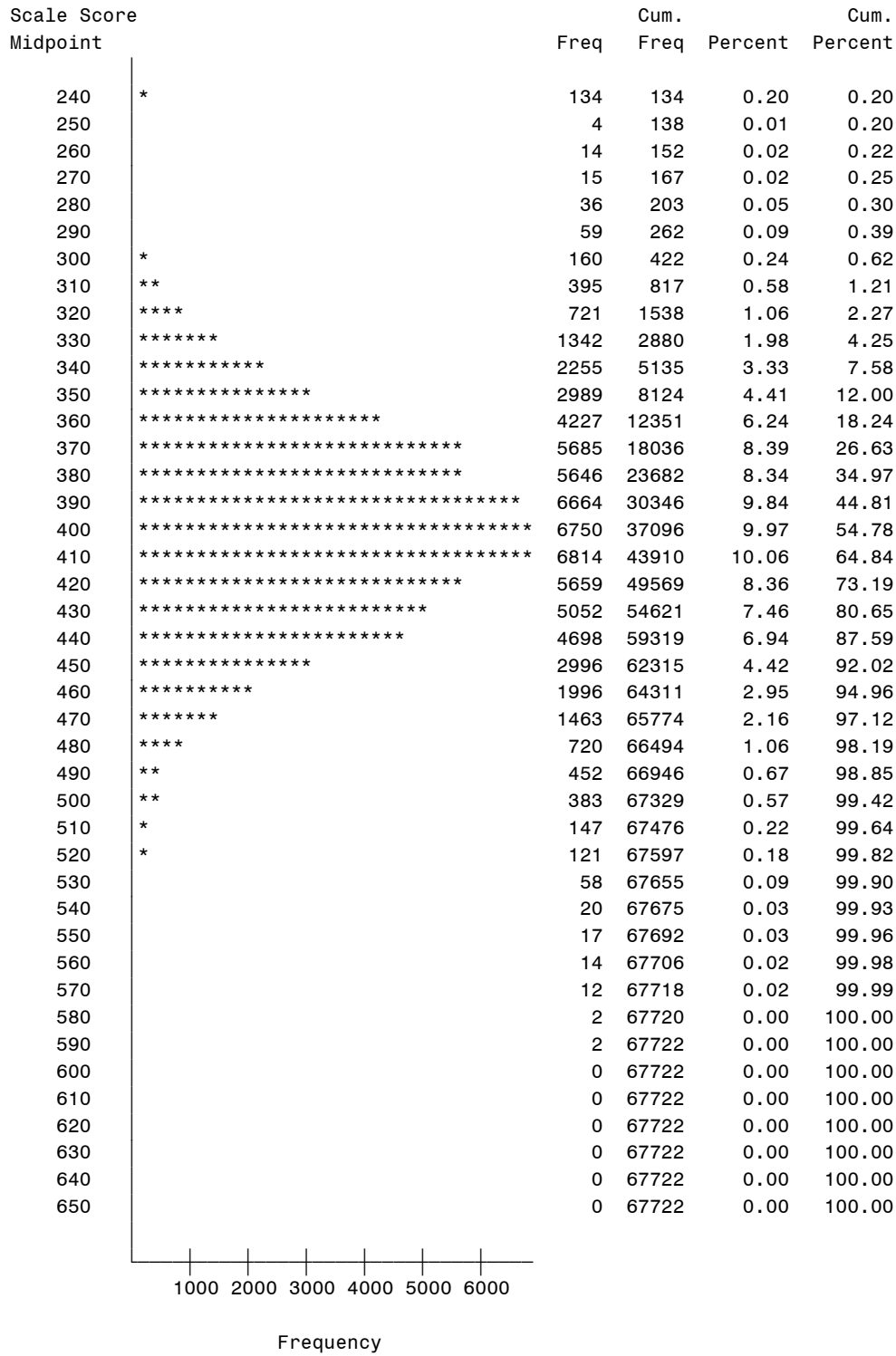


**Figure B.7 Cumulative Distribution Functions (CDFs) for the Year 2004 vs. Year 2008 Scale Scores with the Percent Differences between CDFs: Grade 4**



**Figure B.8 Cumulative Distribution Functions (CDFs) for the Year 2004 vs. Year 2008 Scale Scores with the Cumulative percent Differences between CDFs: Grade 4**

**Year 2003 Grade=5 (Base Year)**



**Figure B.9 Year 2003 Scale Score Distribution: Grade 5**



Year 2008 Grade=5

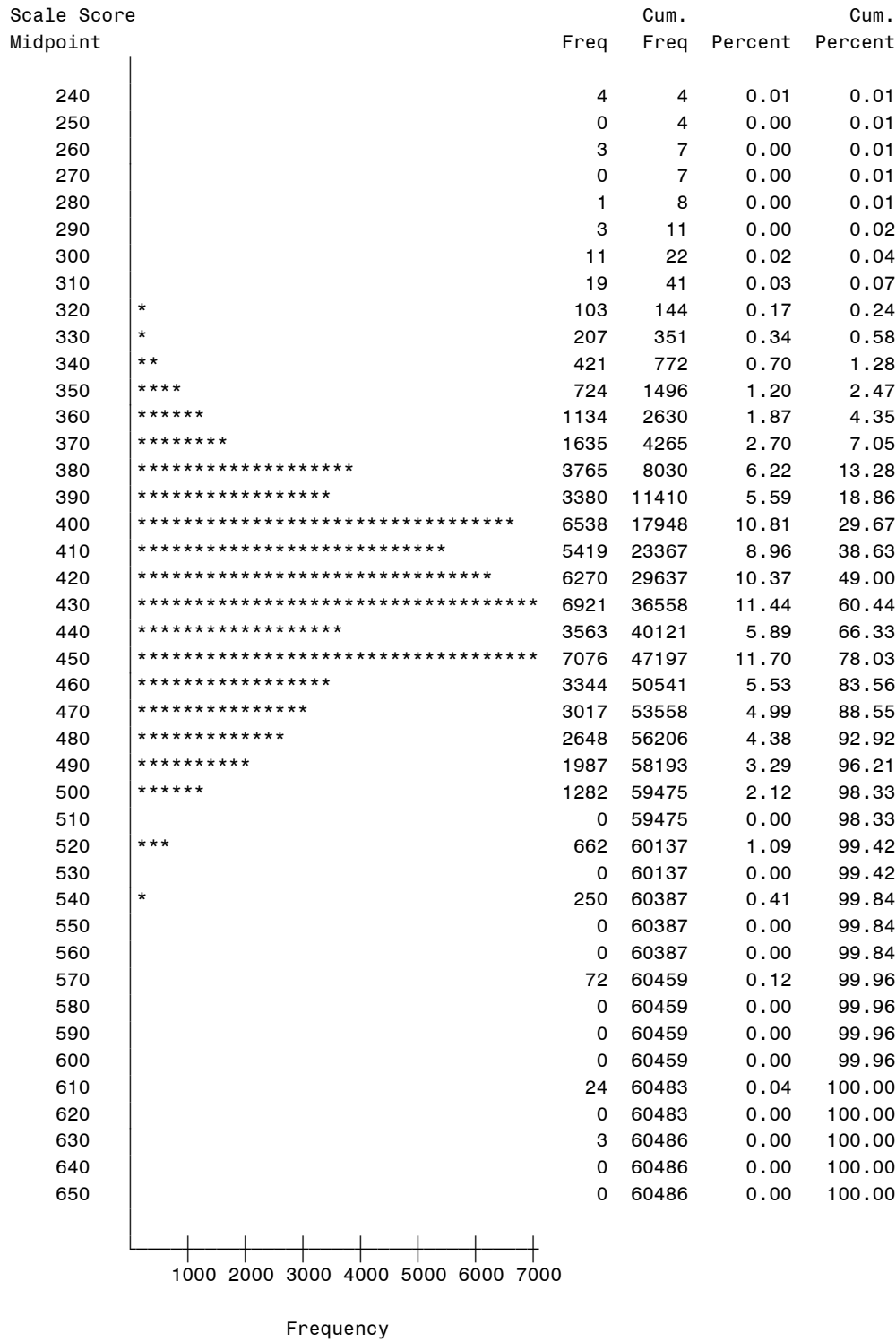
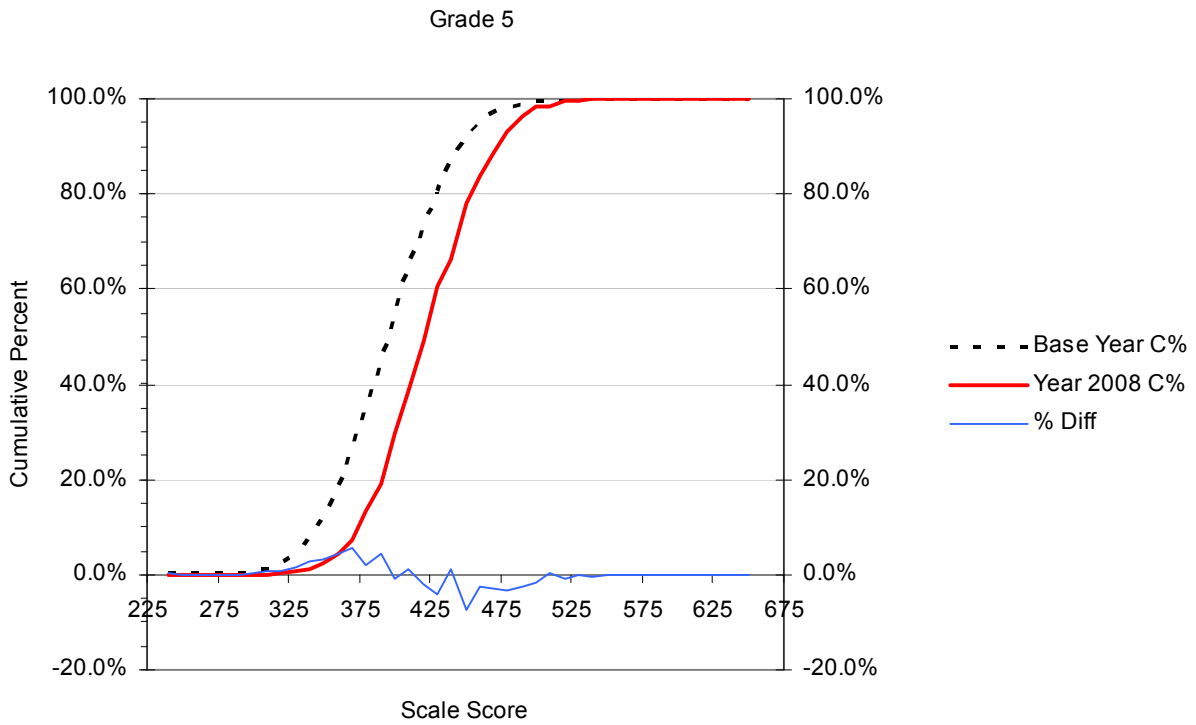
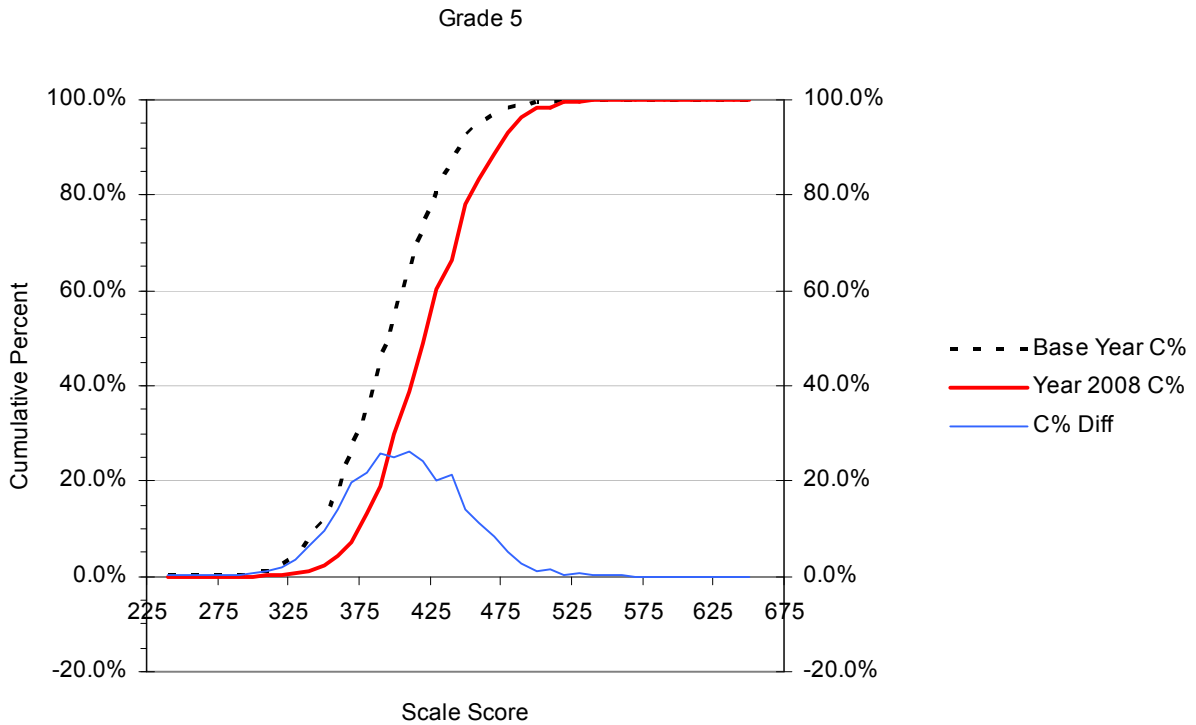


Figure B.10 Year 2008 Scale Score Distribution: Grade 5

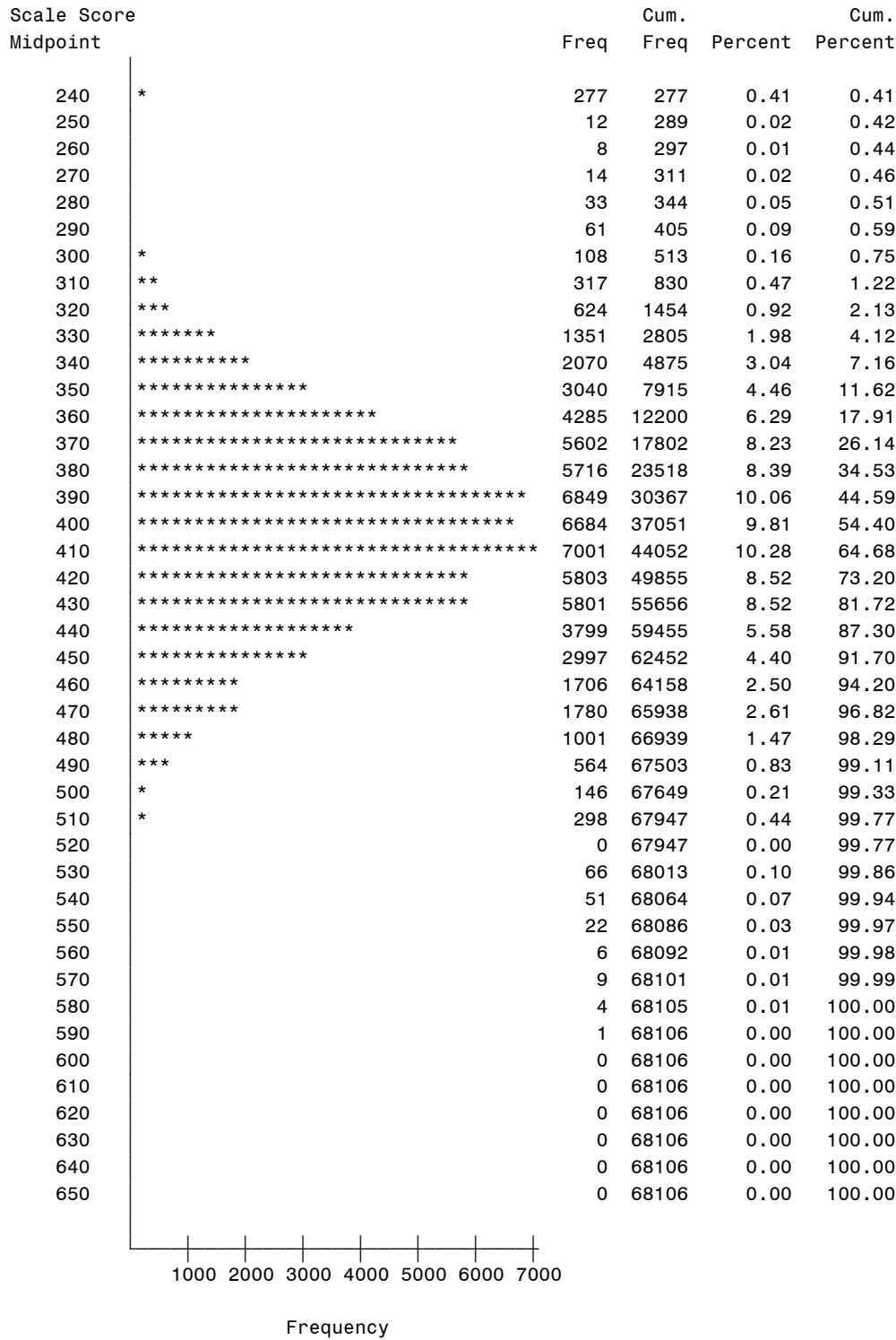


**Figure B.11 Cumulative Distribution Functions (CDFs) for the Year 2003 vs. Year 2008 Scale Scores with the Percent Differences between CDFs: Grade 5**



**Figure B.12 Cumulative Distribution Functions (CDFs) for the Year 2003 vs. Year 2008 Scale Scores with the Cumulative Percent Differences between CDFs: Grade 5**

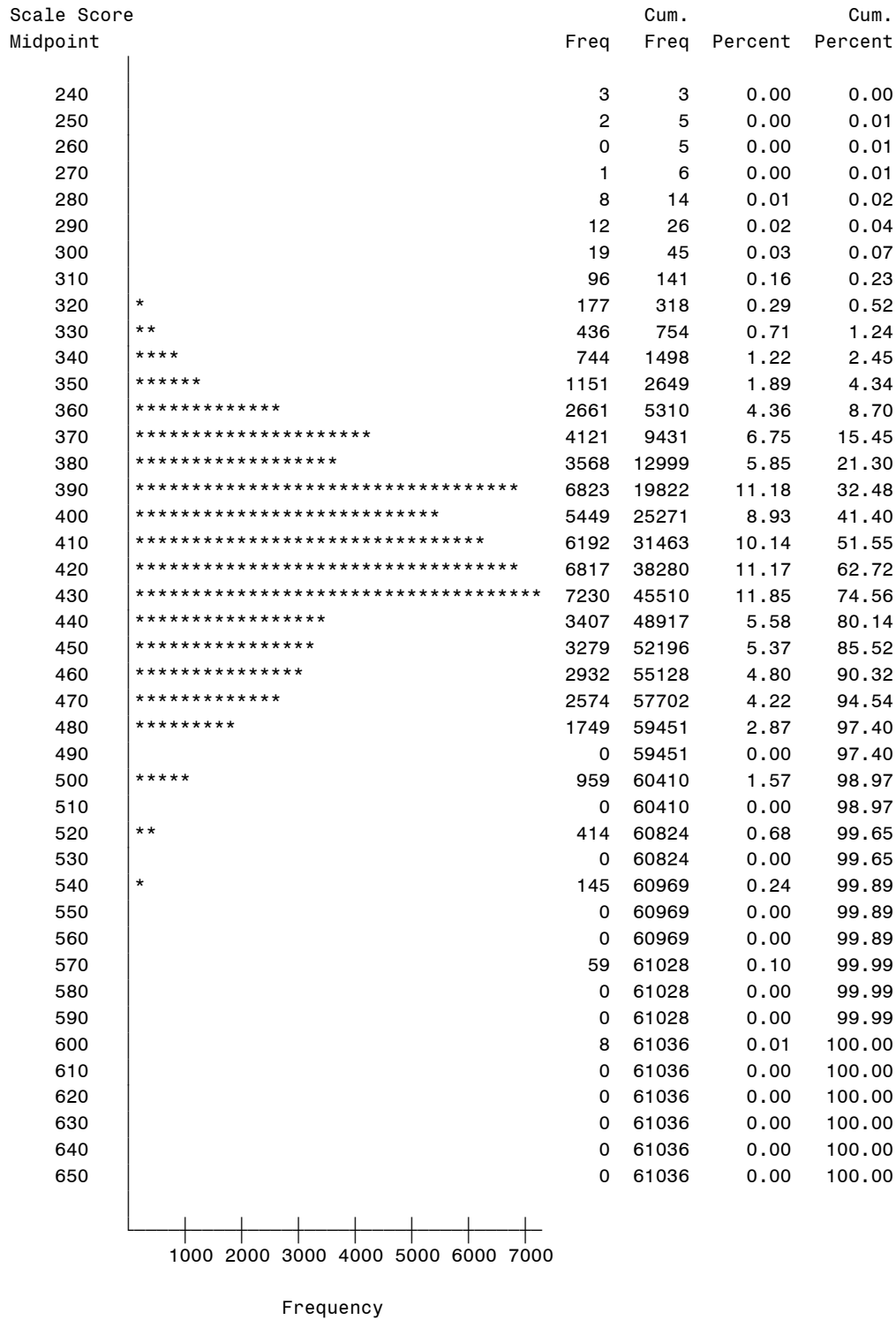
**Year 2004 Grade=6 (Base Year)**



**Figure B.13 Year 2004 Scale Score Distribution: Grade 6**

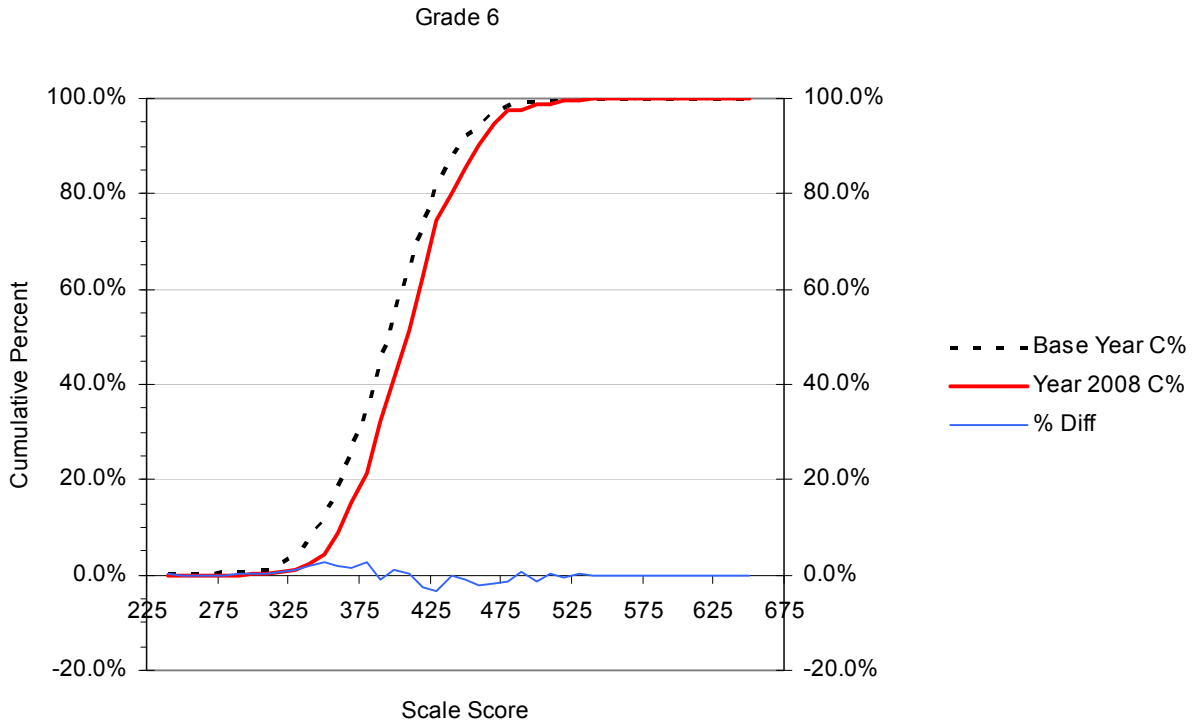


**Year 2008 Grade=6**

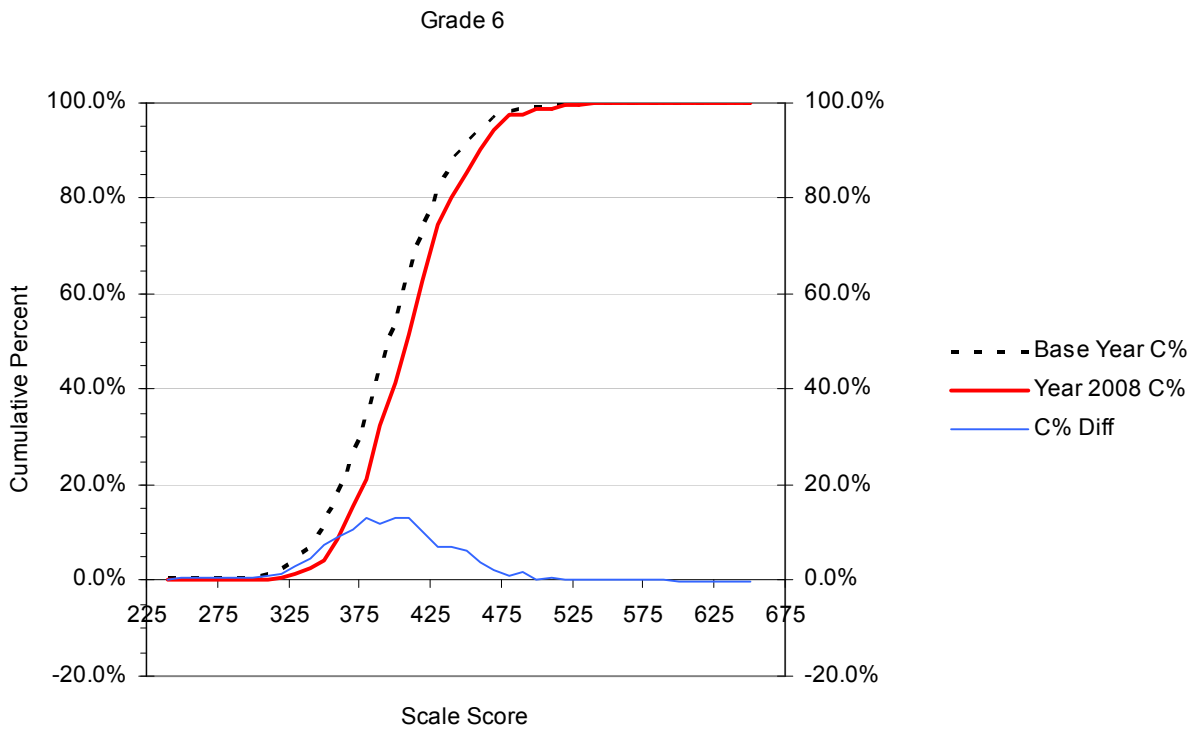


**Figure B.14 Year 2008 Scale Score Distribution: Grade 6**



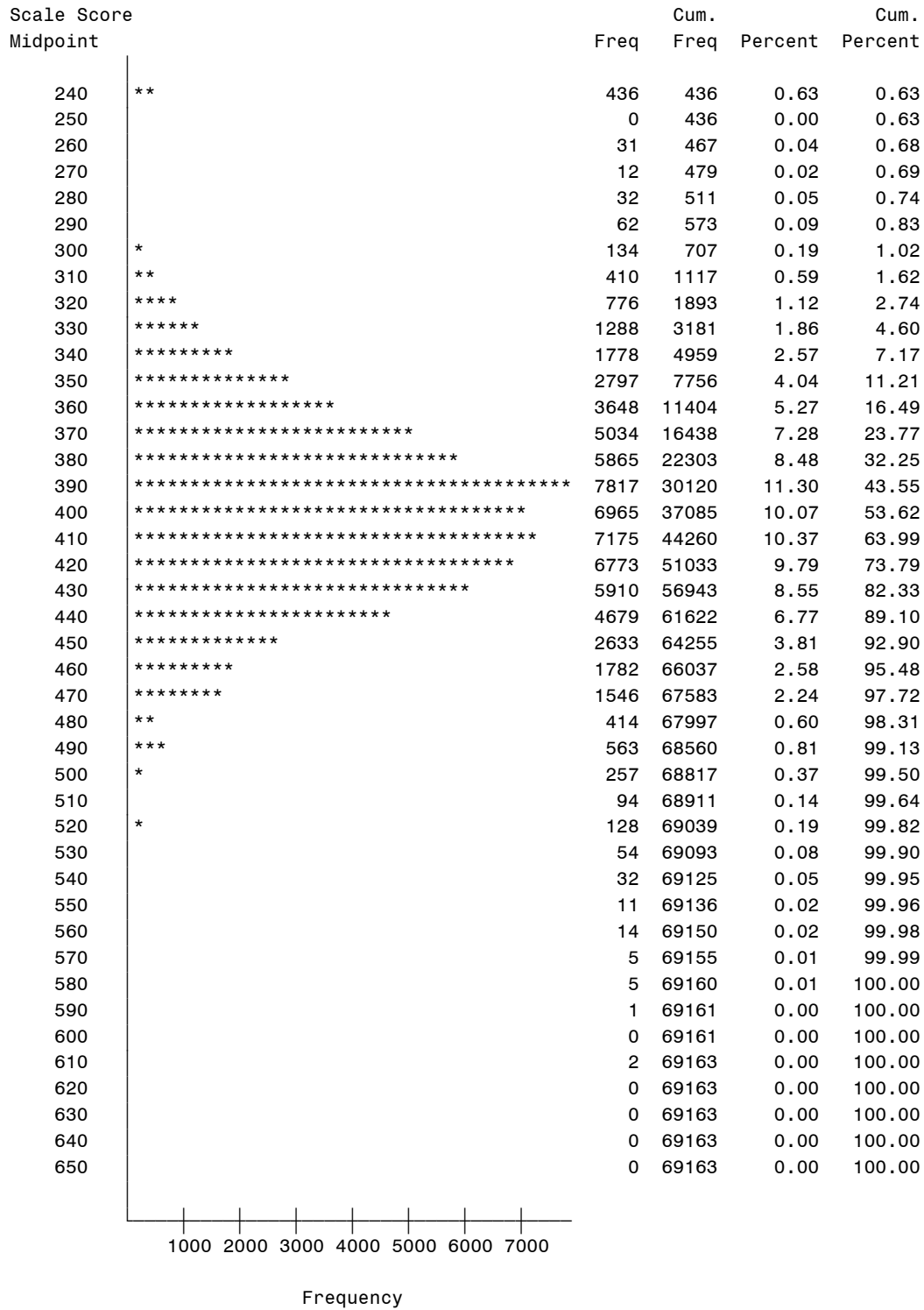


**Figure B.15 Cumulative Distribution Functions (CDFs) for the Year 2004 vs. Year 2008 Scale Scores with the Percent Differences between CDFs: Grade 6**



**Figure B.16 Cumulative Distribution Functions (CDFs) for the Year 2004 vs. Year 2008 Scale Scores with the Cumulative Percent Differences between CDFs: Grade 6**

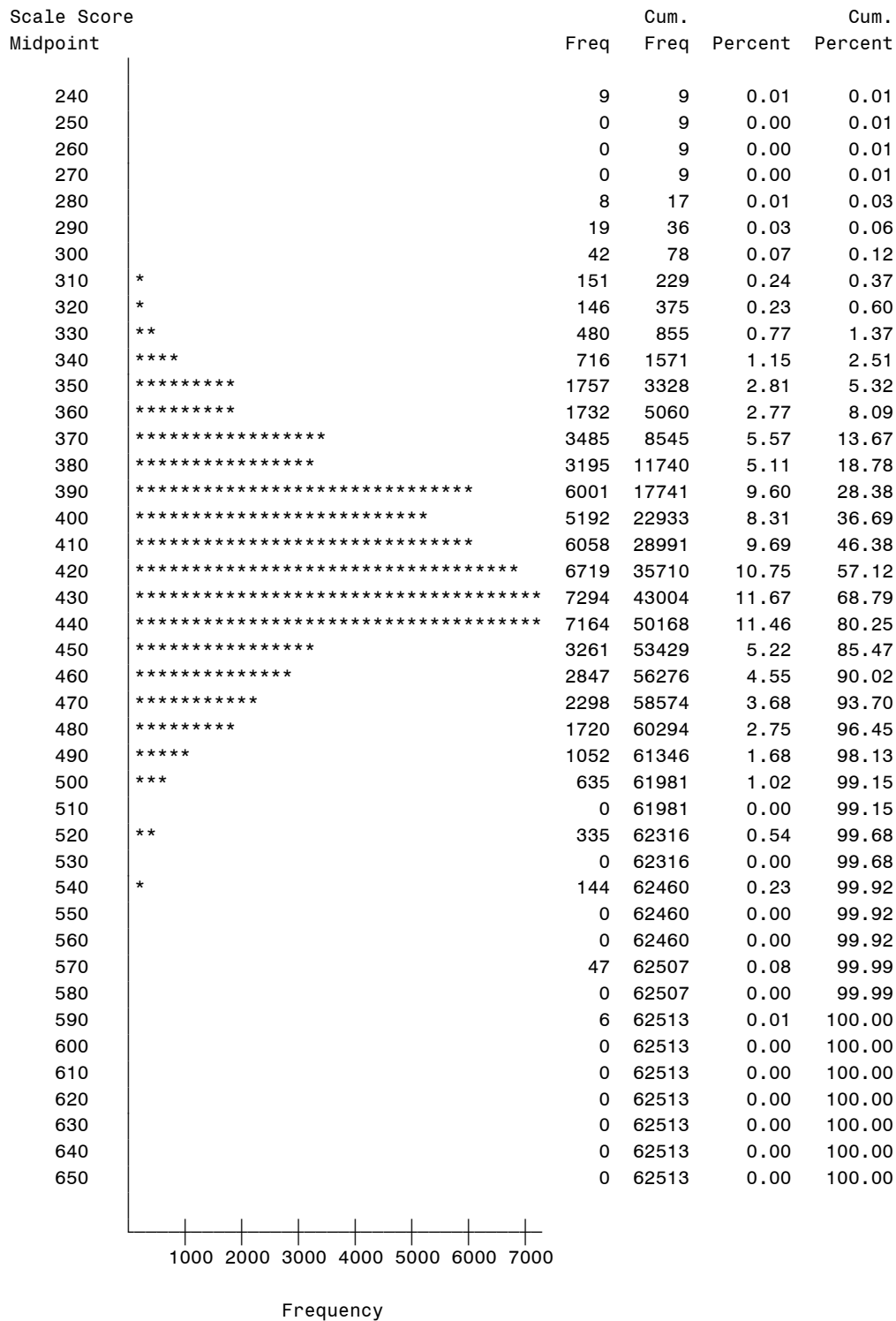
**Year 2004 Grade=7 (Base Year)**



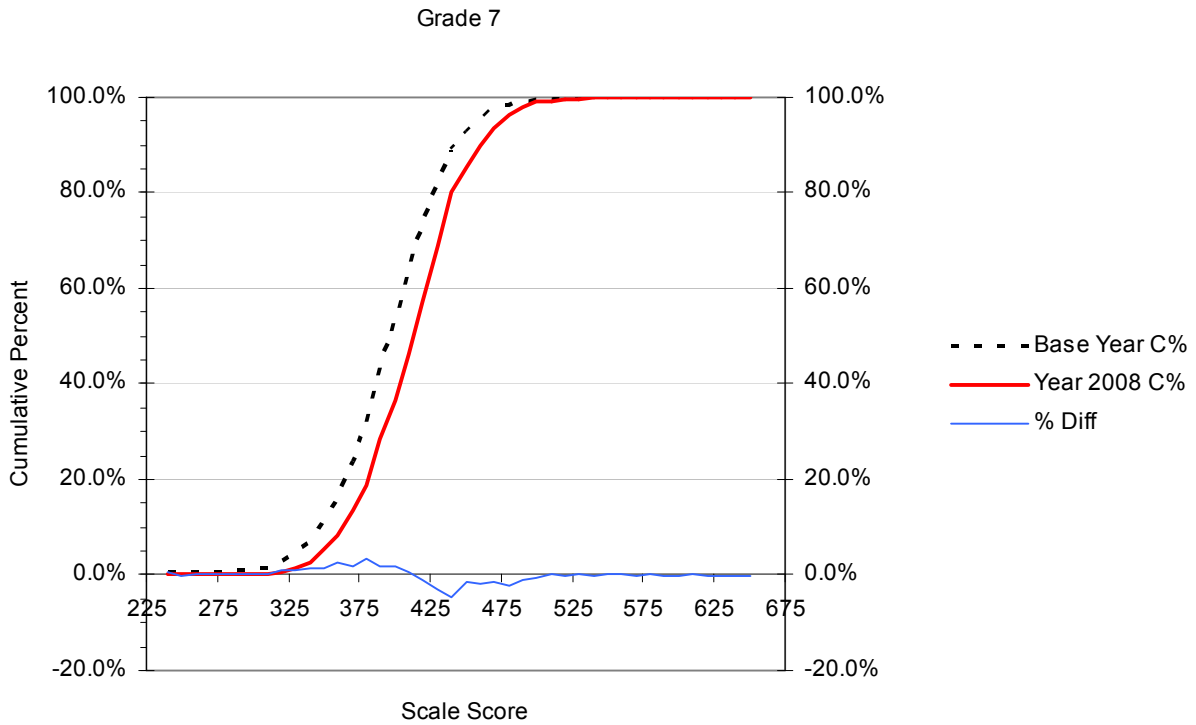
**Figure B.17 Year 2004 Scale Score Distribution: Grade 7**



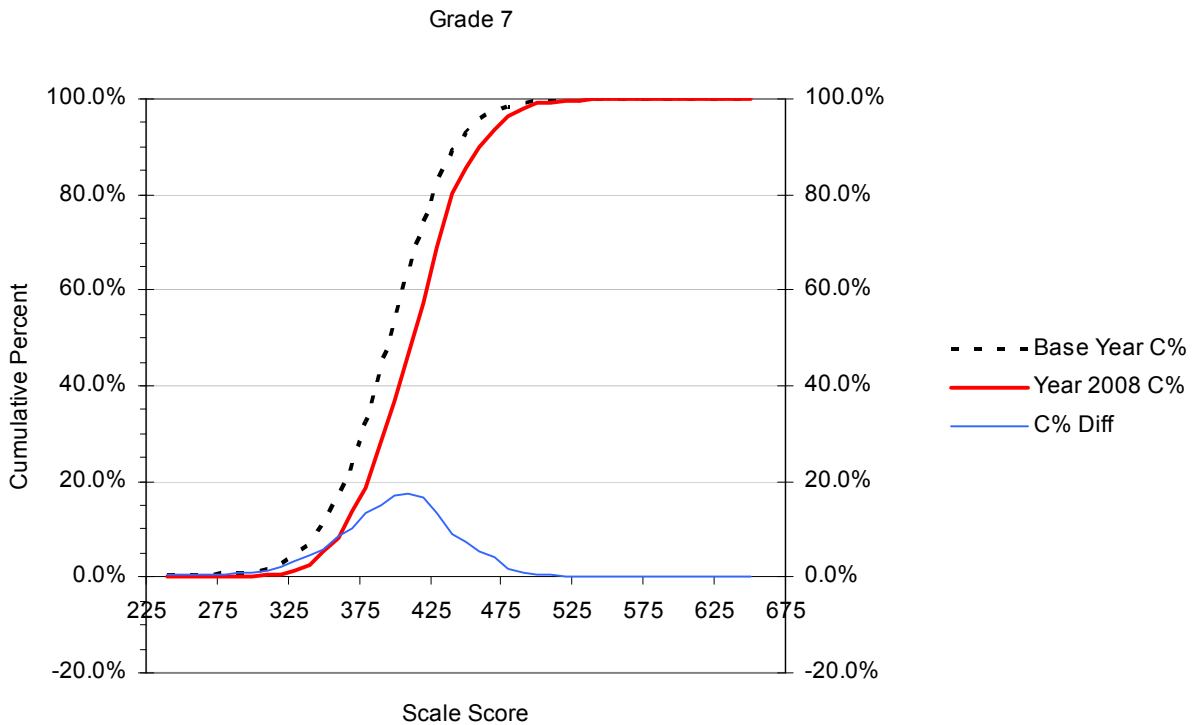
**Year 2008 Grade=7**



**Figure B.18 Year 2008 Scale Score Distribution: Grade 7**

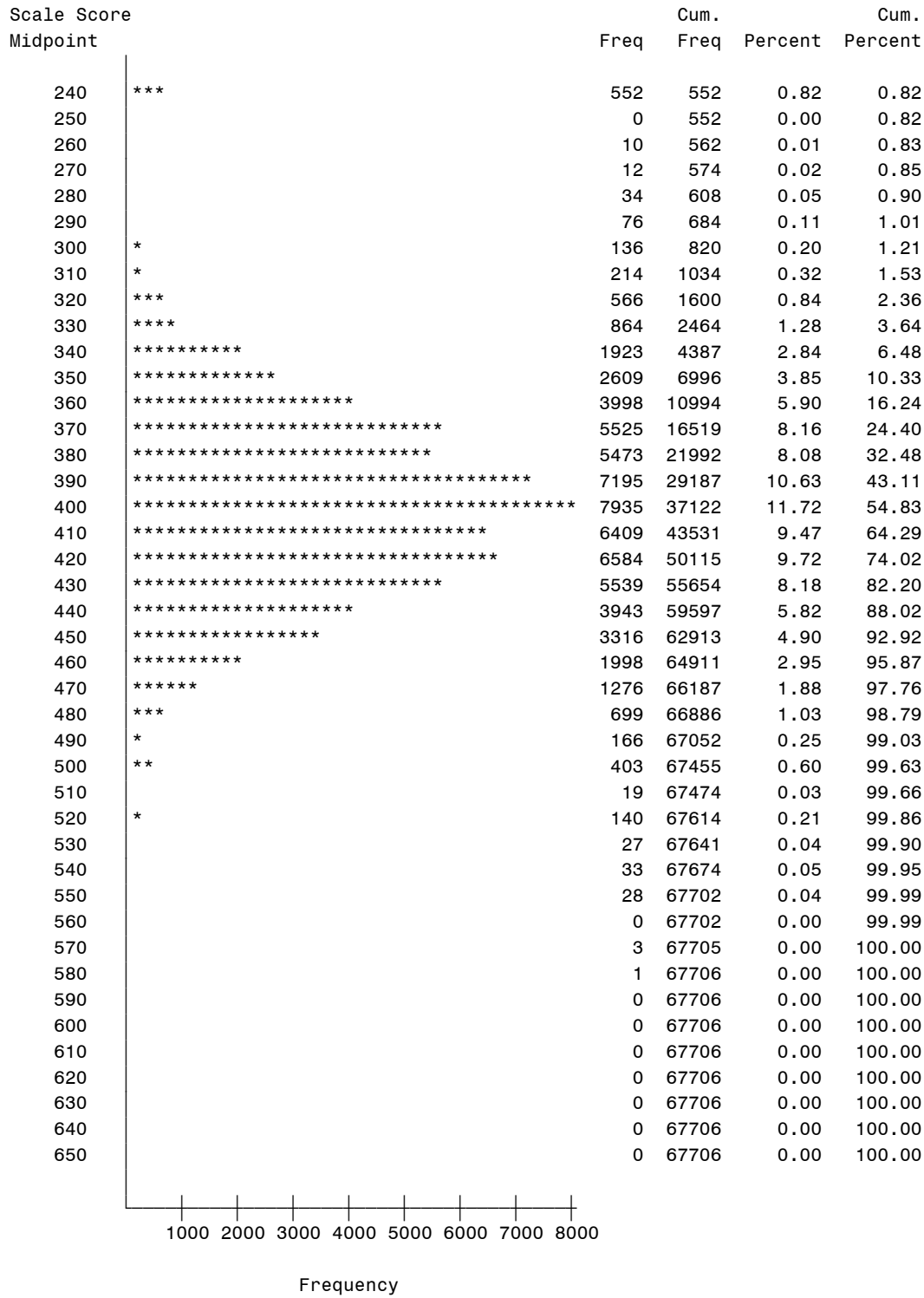


**Figure B.19 Cumulative Distribution Functions (CDFs) for the Year 2004 vs. Year 2008 Scale Scores with the Percent Differences between CDFs: Grade 7**



**Figure B.20 Cumulative Distribution Functions (CDFs) for the Year 2004 vs. Year 2008 Scale Scores with the Cumulative Percent Differences between CDFs: Grade 7**

**Year 2003 Grade=8 (Base Year)**



**Figure B.21 Year 2003 Scale Score Distribution: Grade 8**



Year 2008 Grade=8

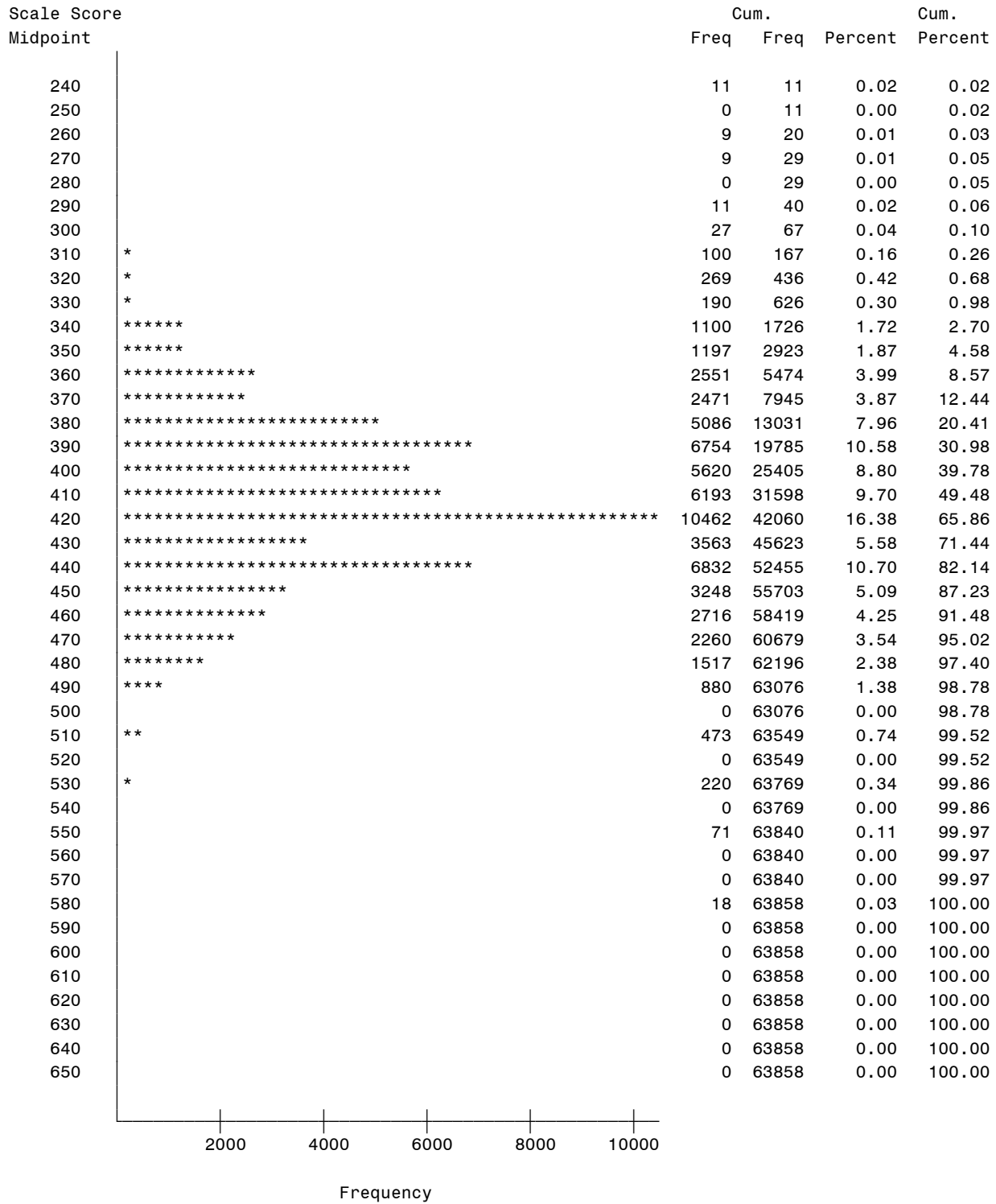
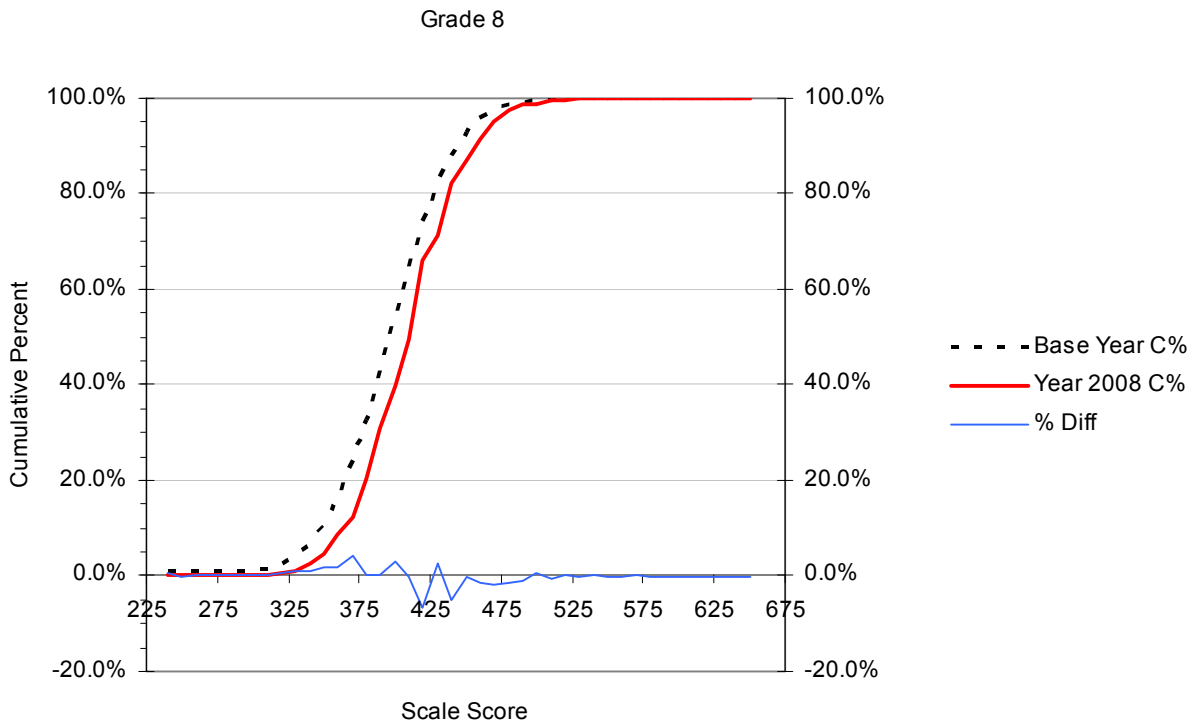
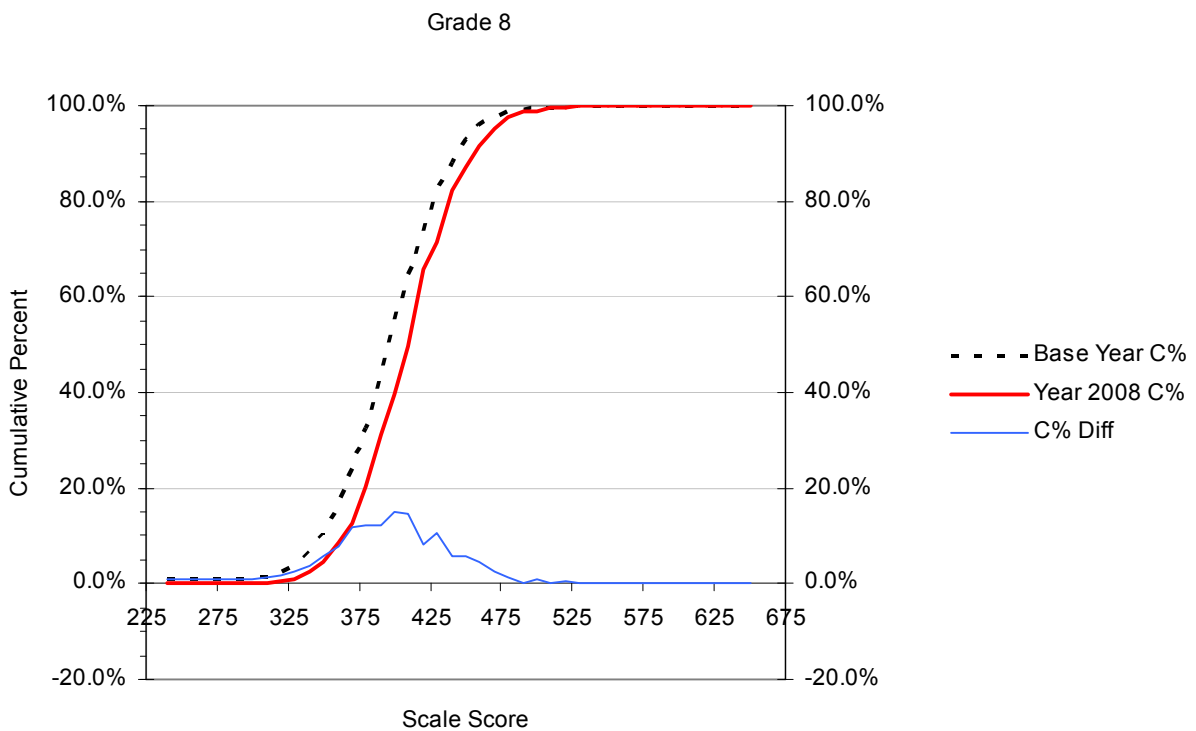


Figure B.22 Year 2008 Scale Score Distribution: Grade 8





**Figure B.23 Cumulative Distribution Functions (CDFs) for the Year 2003 vs. Year 2008 Scale Scores with the Percent Differences between CDFs: Grade 8**



**Figure B.24 Cumulative Distribution Functions (CDFs) for the Year 2003 vs. Year 2008 Scale Scores with the Cumulative Percent Differences between CDFs: Grade 8**