

Appendix I

TEST CHARACTERISTIC CURVES AND TEST INFORMATION FUNCTIONS

Figure I-1. 2012 MCAS: Test Characteristic Curve –
ELA Grade 3

Test Characteristic Curves: English Language Arts Grade 3

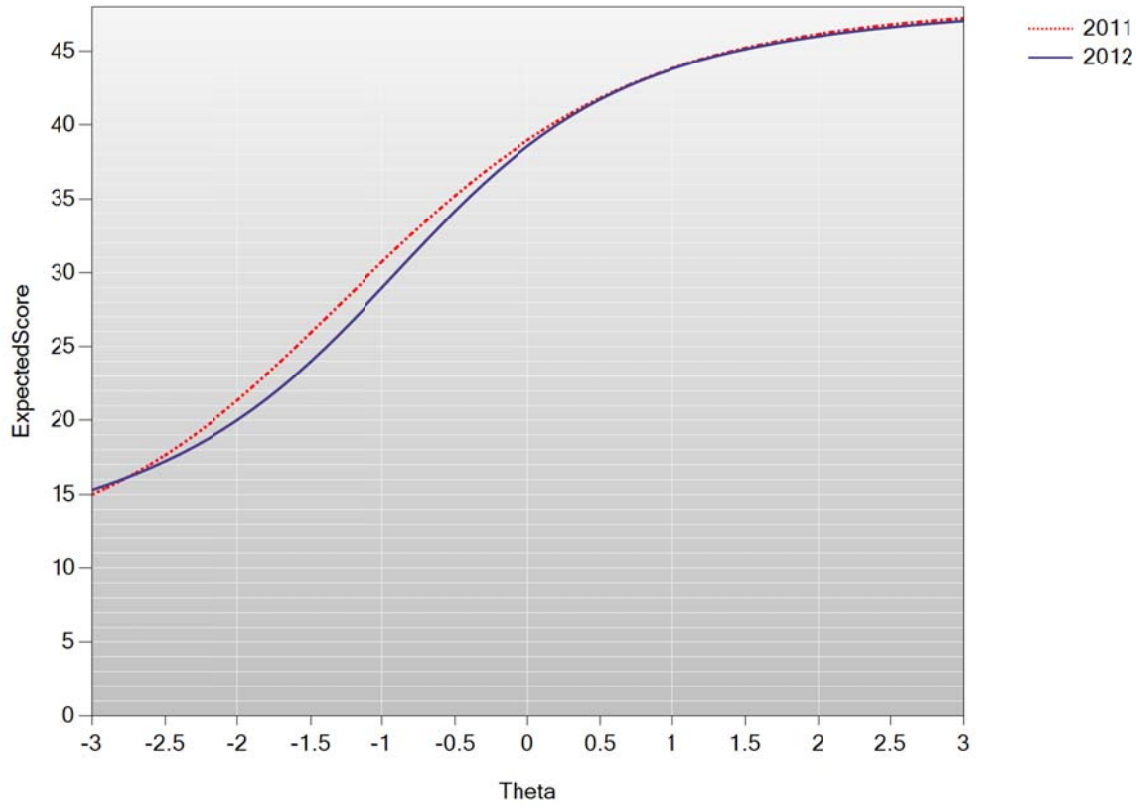


Figure I-2. 2012 MCAS: Test Information Function –
ELA Grade 3

Test Information Functions: English Language Arts Grade 3

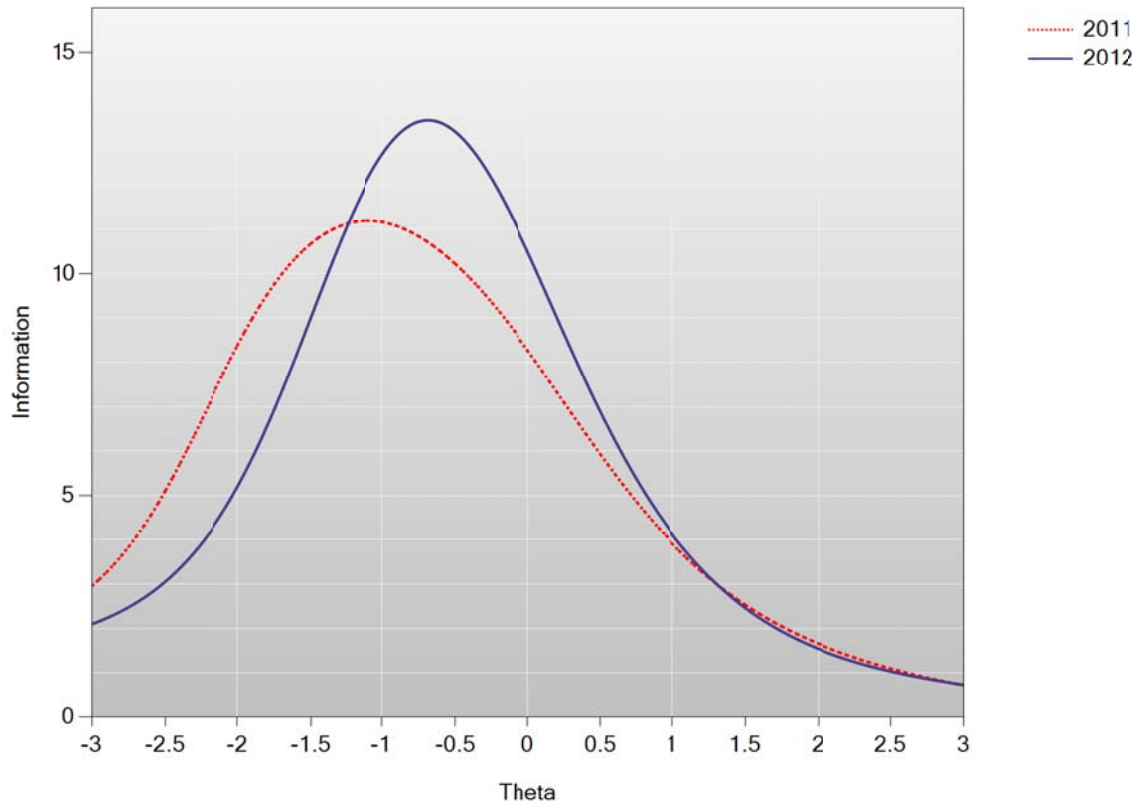


Figure I-3. 2012 MCAS: Test Characteristic Curve –
ELA Grade 4

Test Characteristic Curves: English Language Arts Grade 4

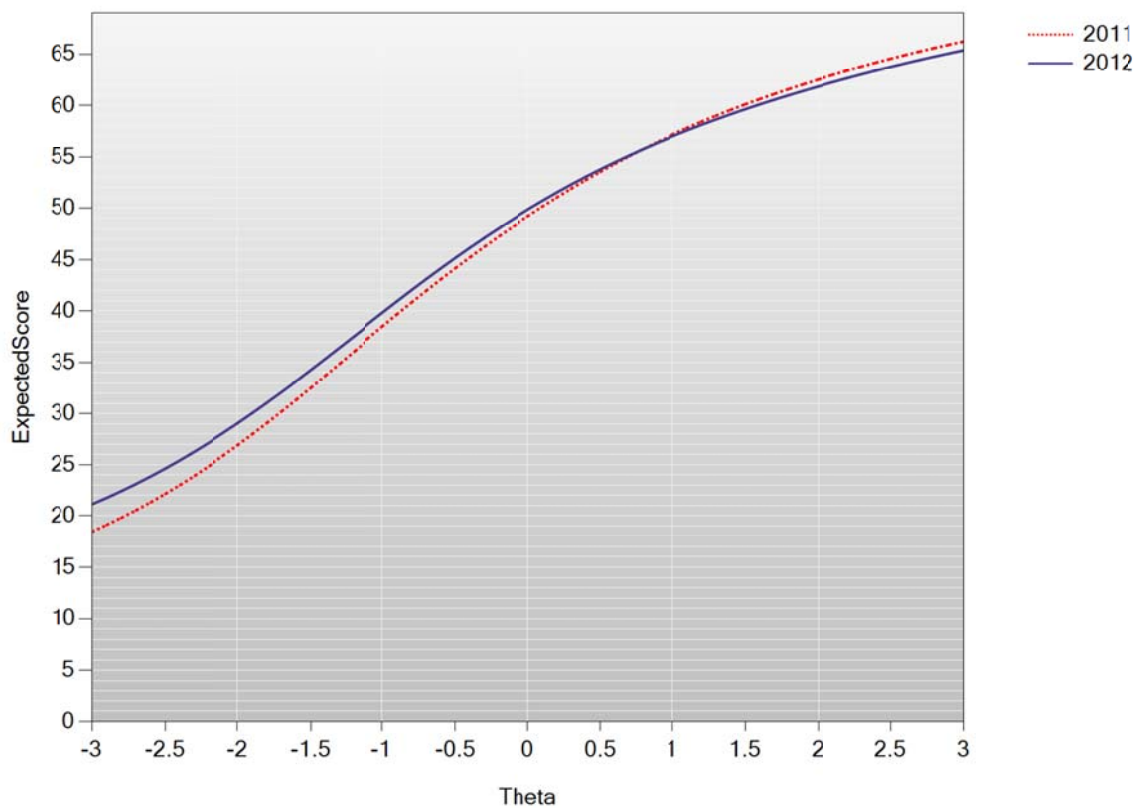


Figure I-4. 2012 MCAS: Test Information Function –
ELA Grade 4

Test Information Functions: English Language Arts Grade 4

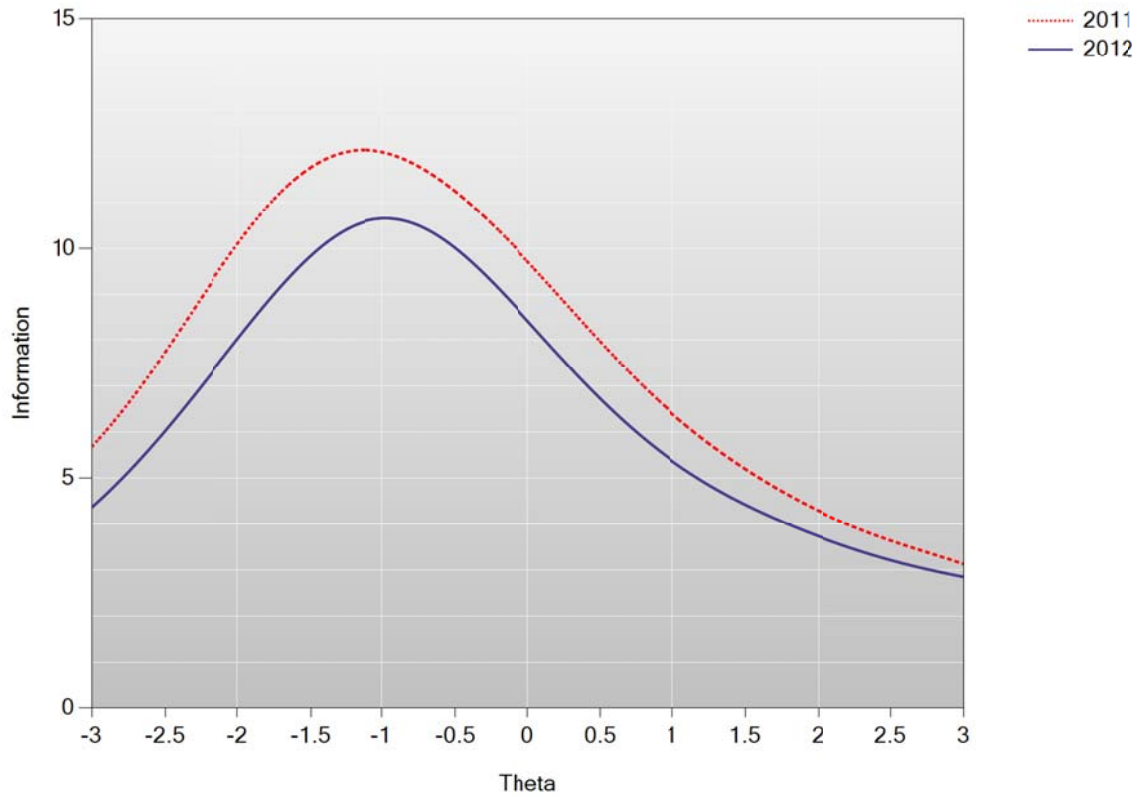


Figure I-5. 2012 MCAS: Test Characteristic Curve –
ELA Grade 5

Test Characteristic Curves: English Language Arts Grade 5

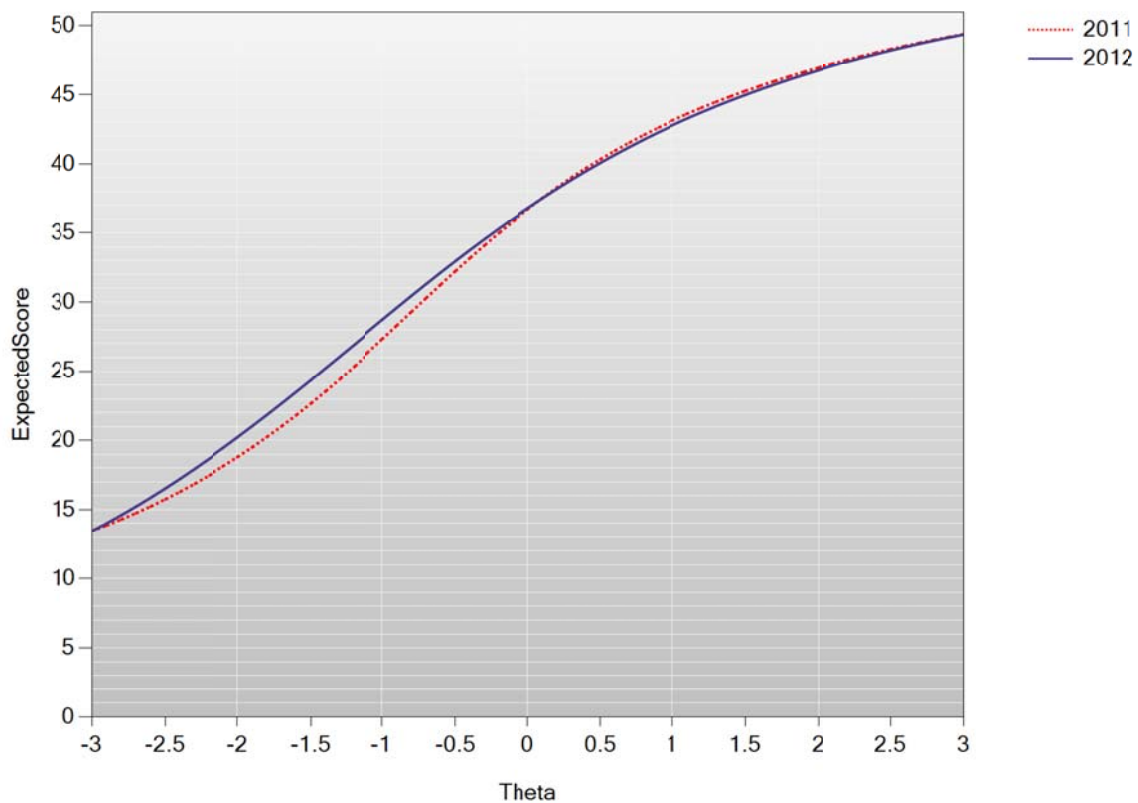


Figure I-6. 2012 MCAS: Test Information Function –
ELA Grade 5

Test Information Functions: English Language Arts Grade 5

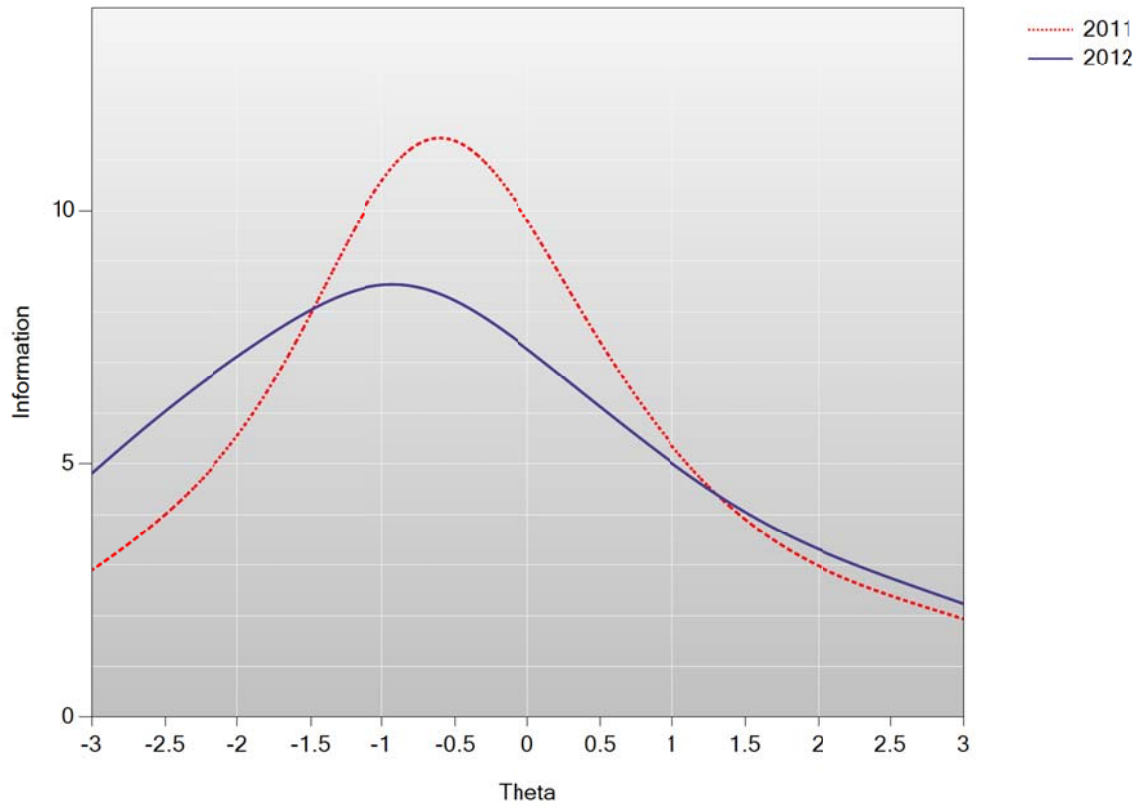


Figure I-7. 2012 MCAS: Test Characteristic Curve –
ELA Grade 6

Test Characteristic Curves: English Language Arts Grade 6

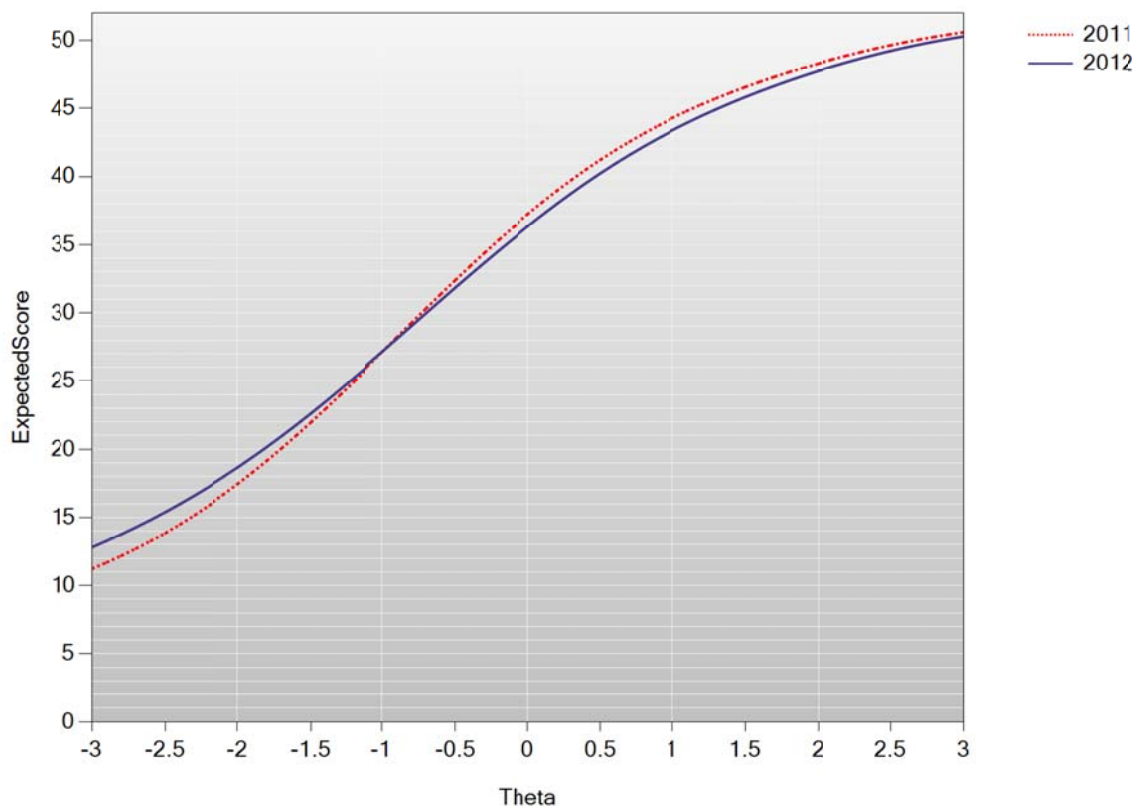


Figure I-8. 2012 MCAS: Test Information Function –
ELA Grade 6

Test Information Functions: English Language Arts Grade 6

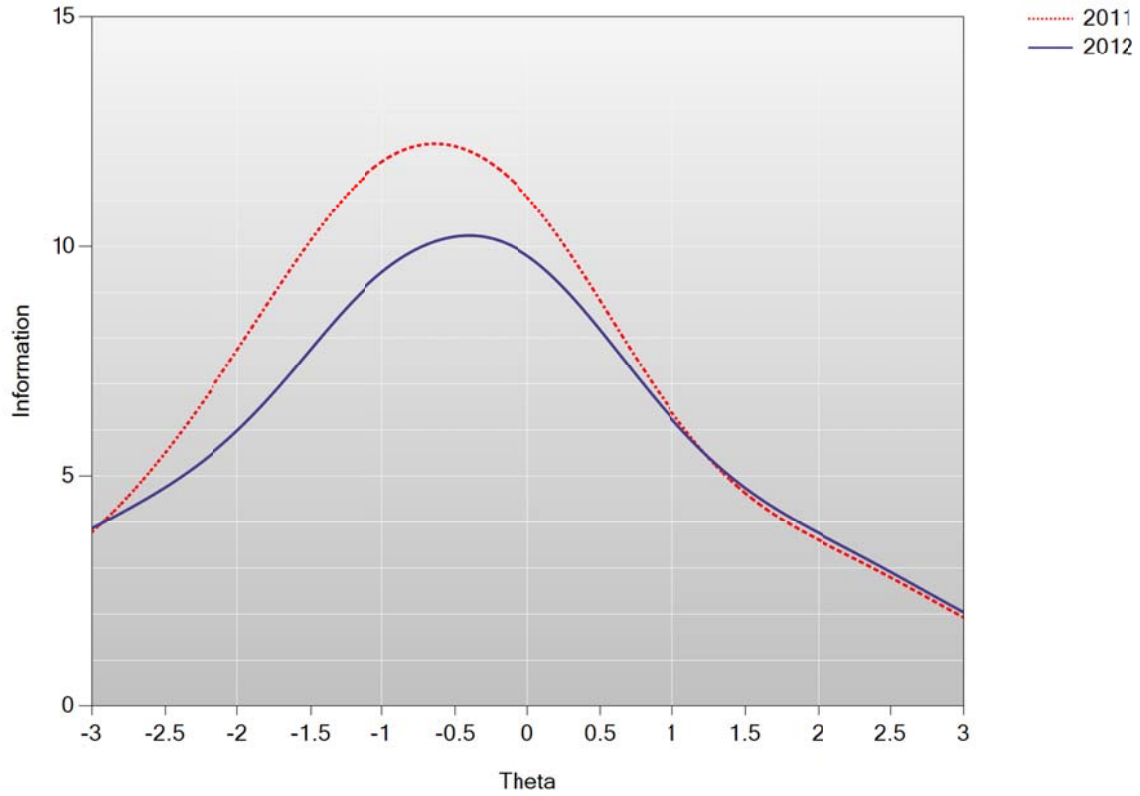


Figure I-9. 2012 MCAS: Test Characteristic Curve –
ELA Grade 7

Test Characteristic Curves: English Language Arts Grade 7

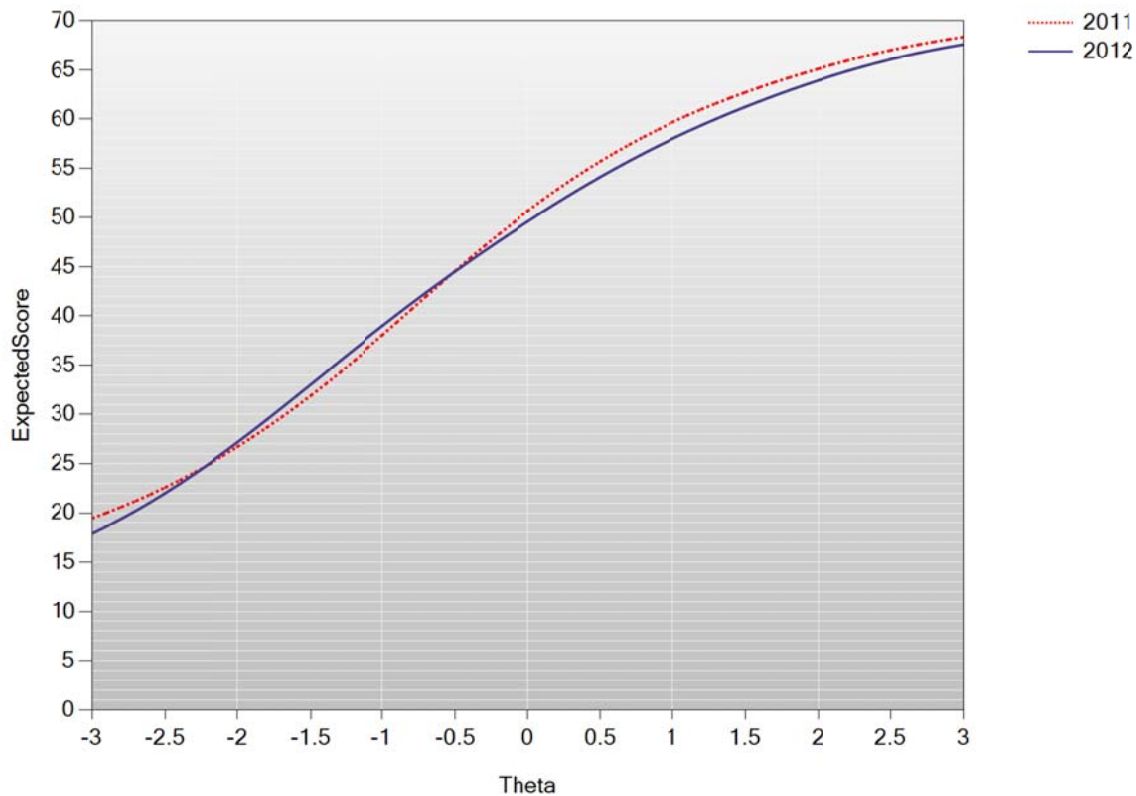


Figure I-10. 2012 MCAS: Test Information Function –
ELA Grade 7

Test Information Functions: English Language Arts Grade 7

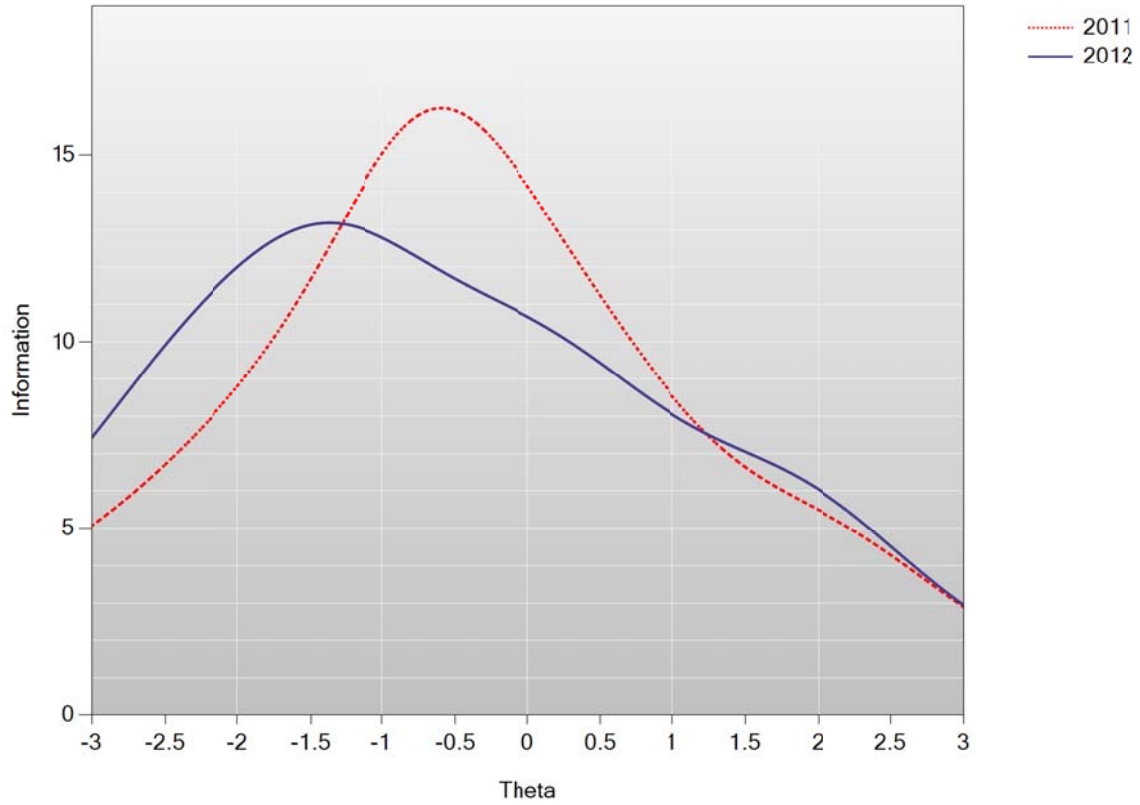


Figure I-11. 2012 MCAS: Test Characteristic Curve –
ELA Grade 8

Test Characteristic Curves: English Language Arts Grade 8

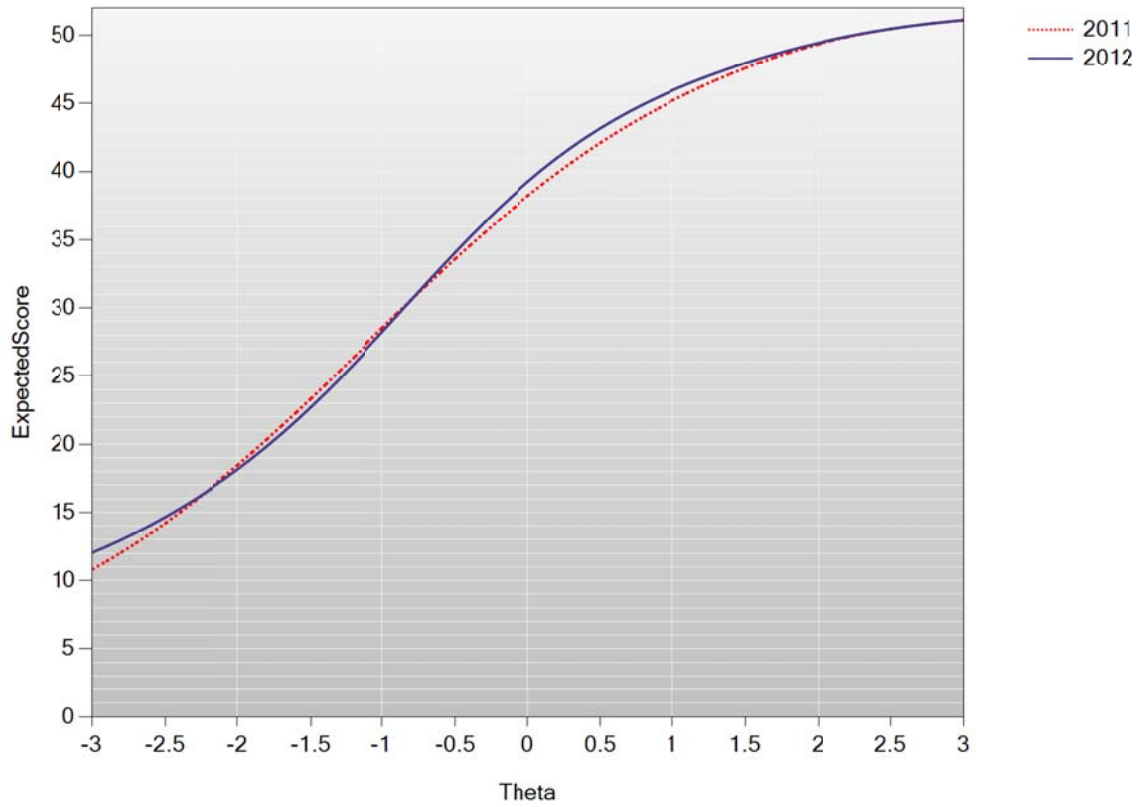


Figure I-12. 2012 MCAS: Test Information Function –
ELA Grade 8

Test Information Functions: English Language Arts Grade 8

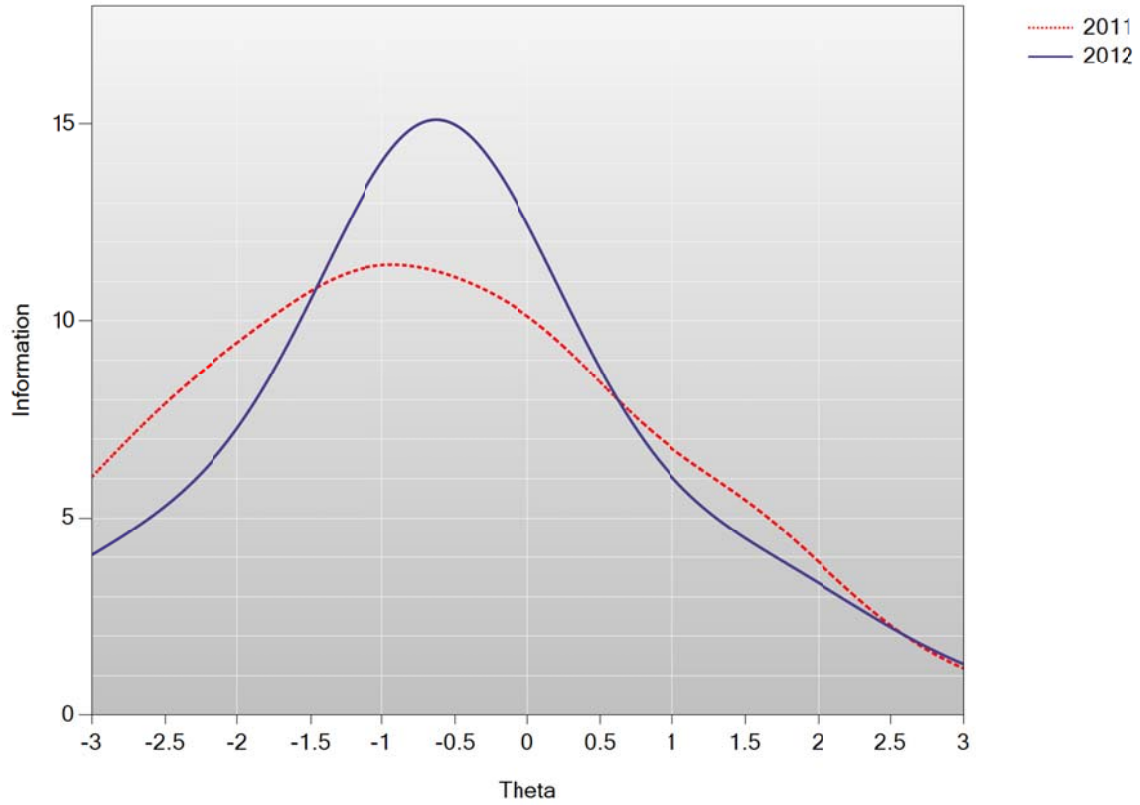


Figure I-13. 2012 MCAS: Test Characteristic Curve –
ELA Grade 10

Test Characteristic Curves: English Language Arts Grade 10

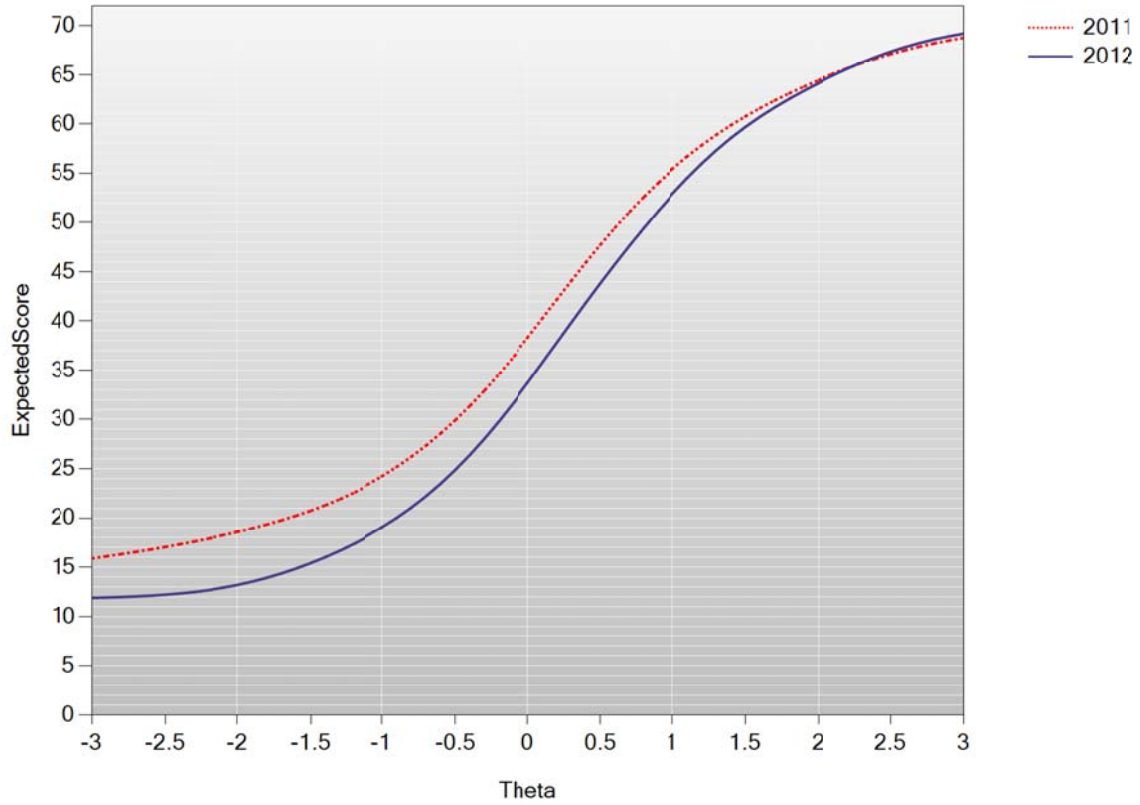


Figure I-14. 2012 MCAS: Test Information Function –
ELA Grade 10

Test Information Functions: English Language Arts Grade 10

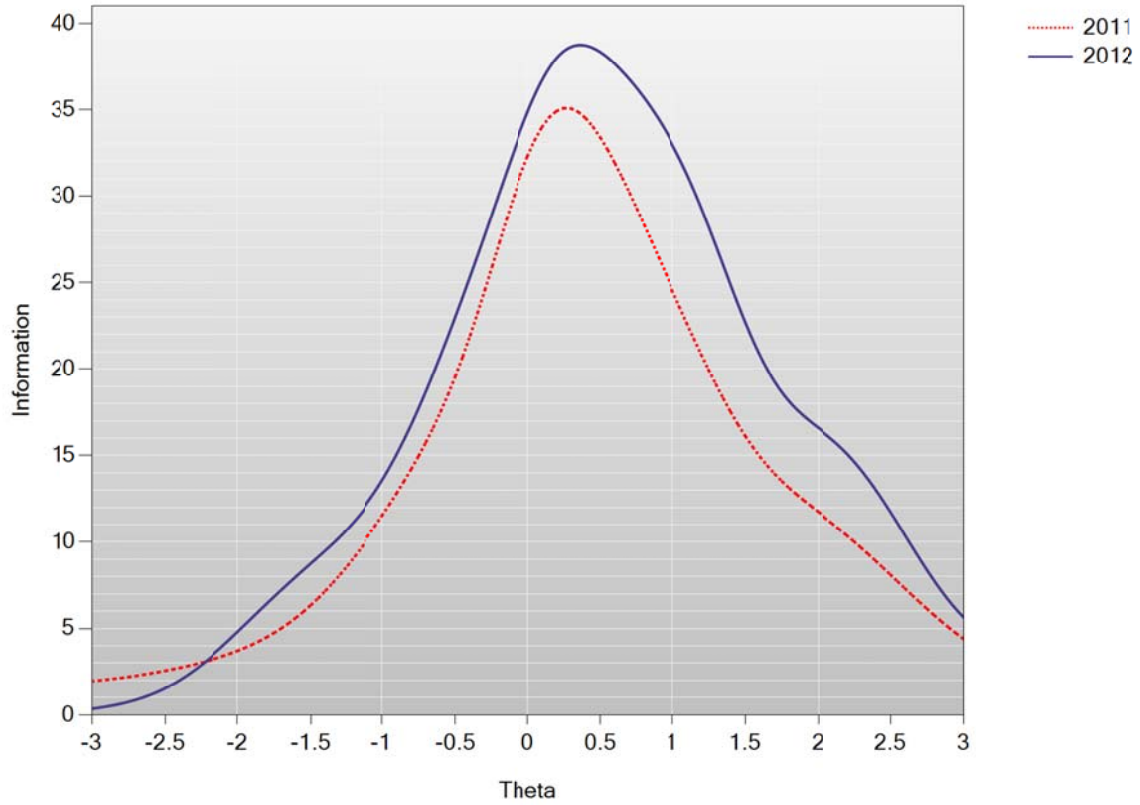


Figure I-15. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 3

Test Characteristic Curves: Mathematics Grade 3

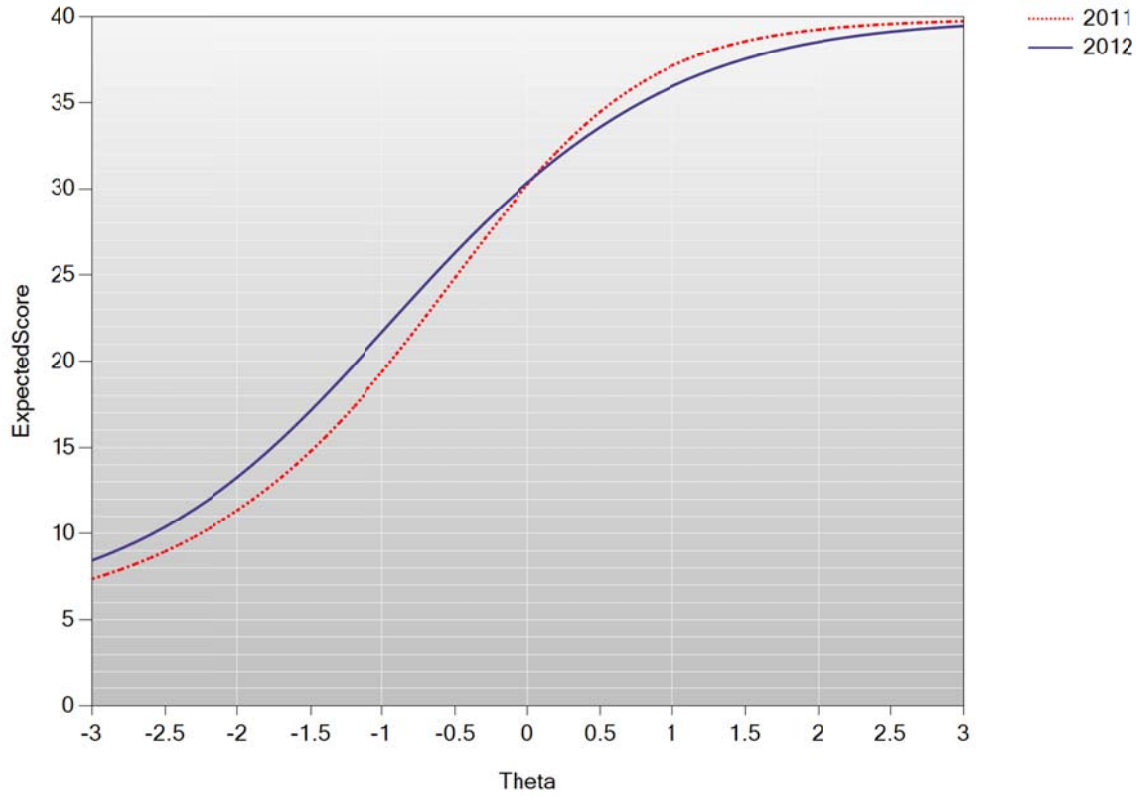


Figure I-16. 2012 MCAS: Test Information Function –
Mathematics Grade 3

Test Information Functions: Mathematics Grade 3

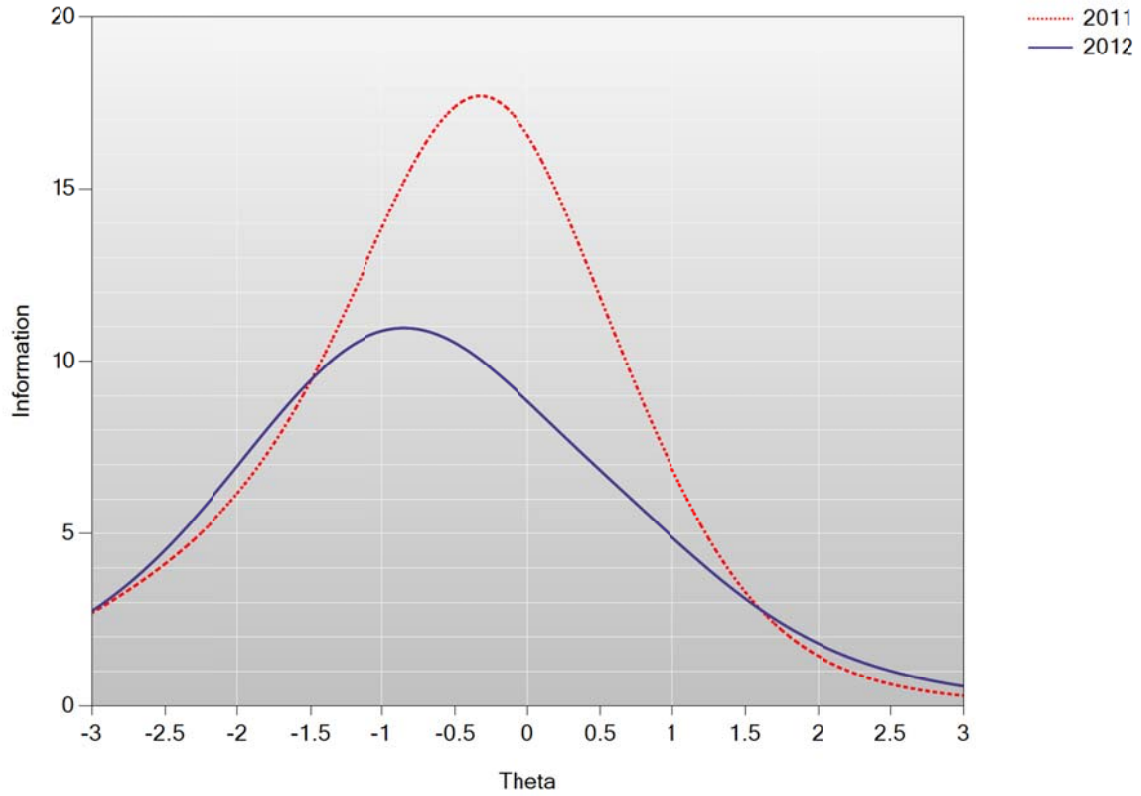


Figure I-17. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 4

Test Characteristic Curves: Mathematics Grade 4

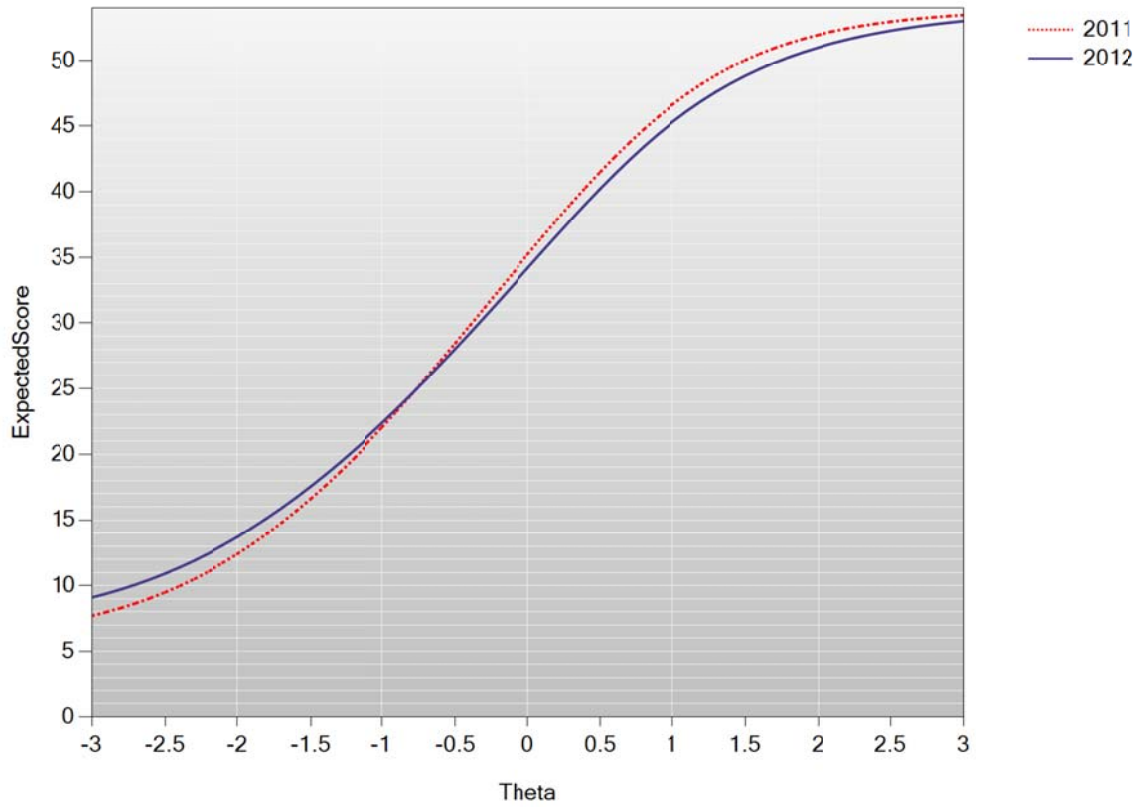


Figure I-18. 2012 MCAS: Test Information Function –
Mathematics Grade 4

Test Information Functions: Mathematics Grade 4

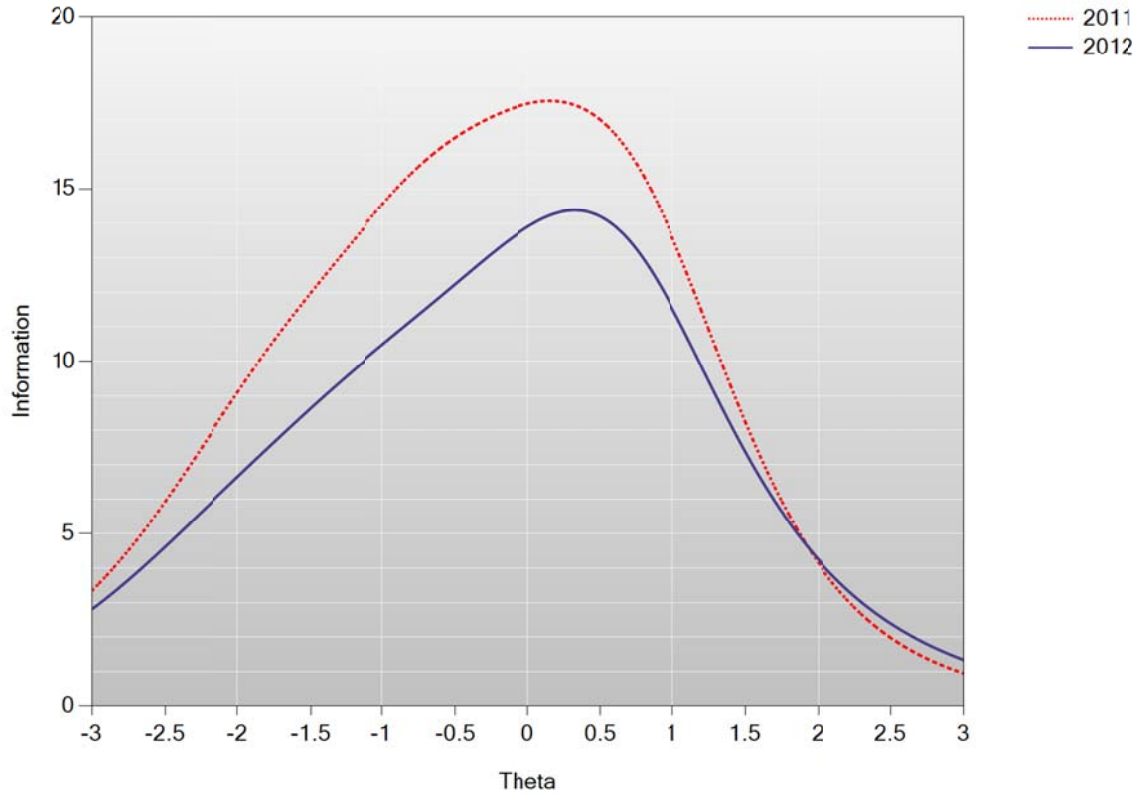


Figure I-19. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 5

Test Characteristic Curves: Mathematics Grade 5

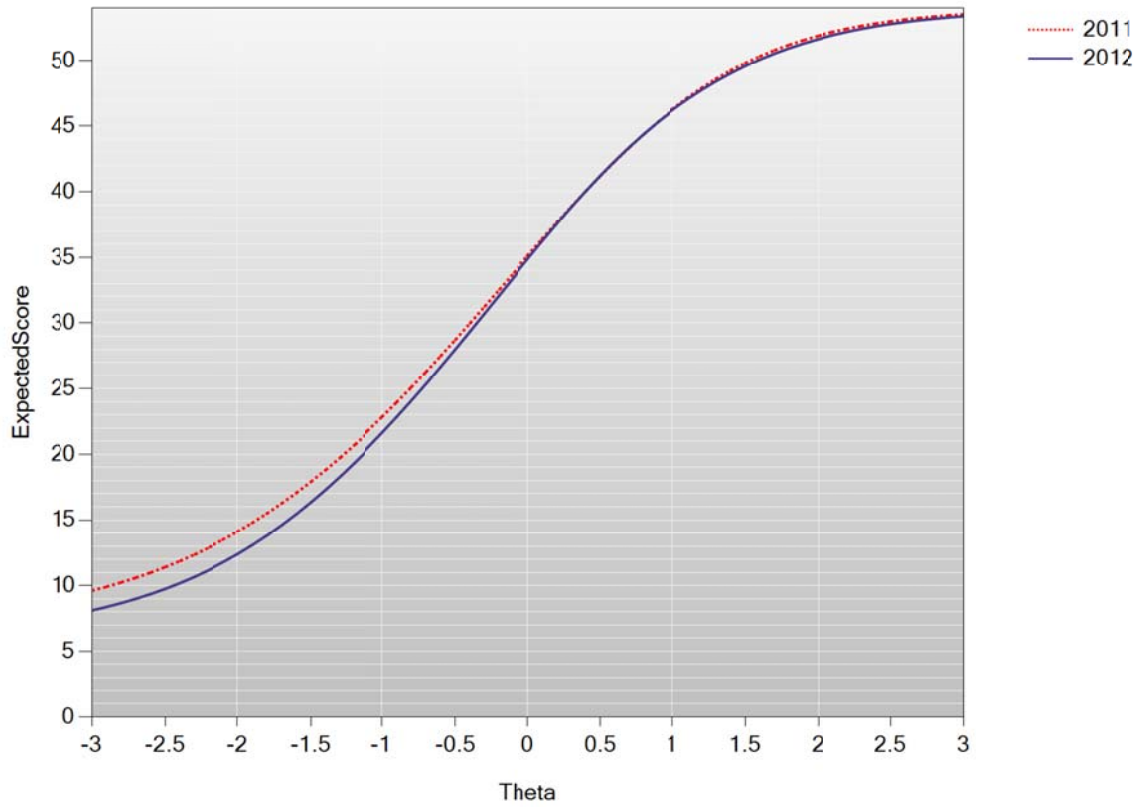


Figure I-20. 2012 MCAS: Test Information Function –
Mathematics Grade 5

Test Information Functions: Mathematics Grade 5

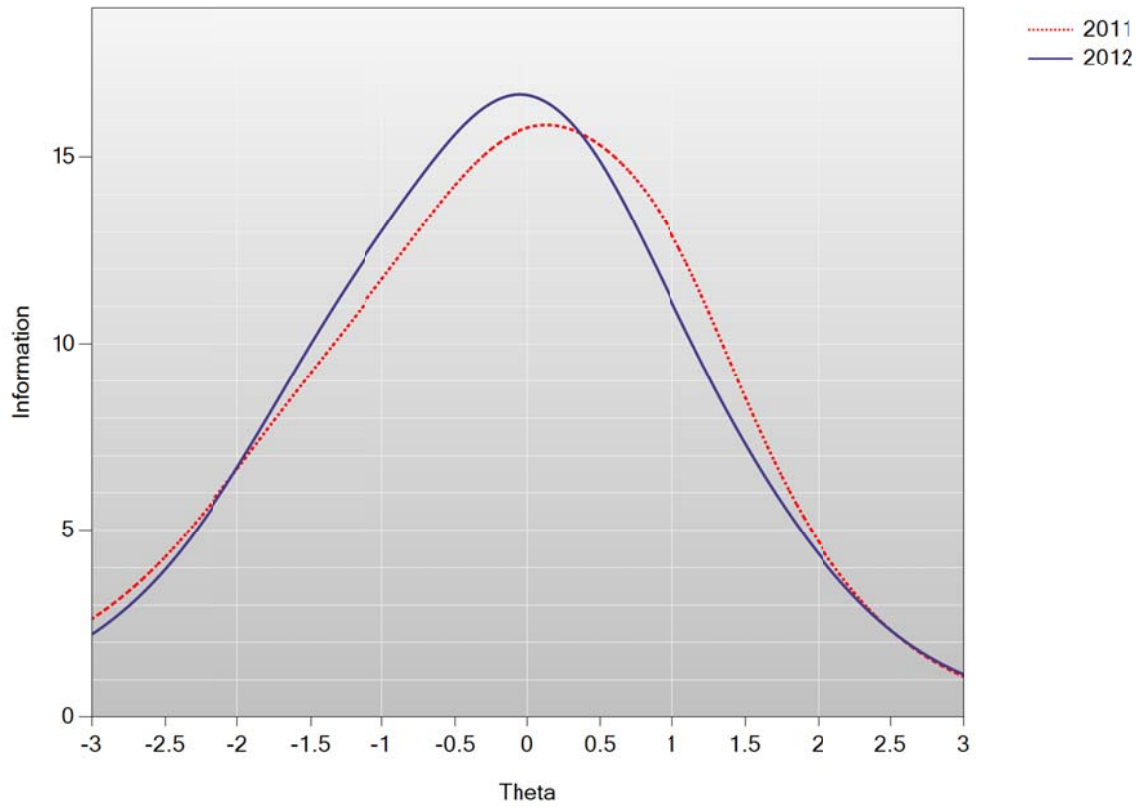


Figure I-21. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 6

Test Characteristic Curves: Mathematics Grade 6

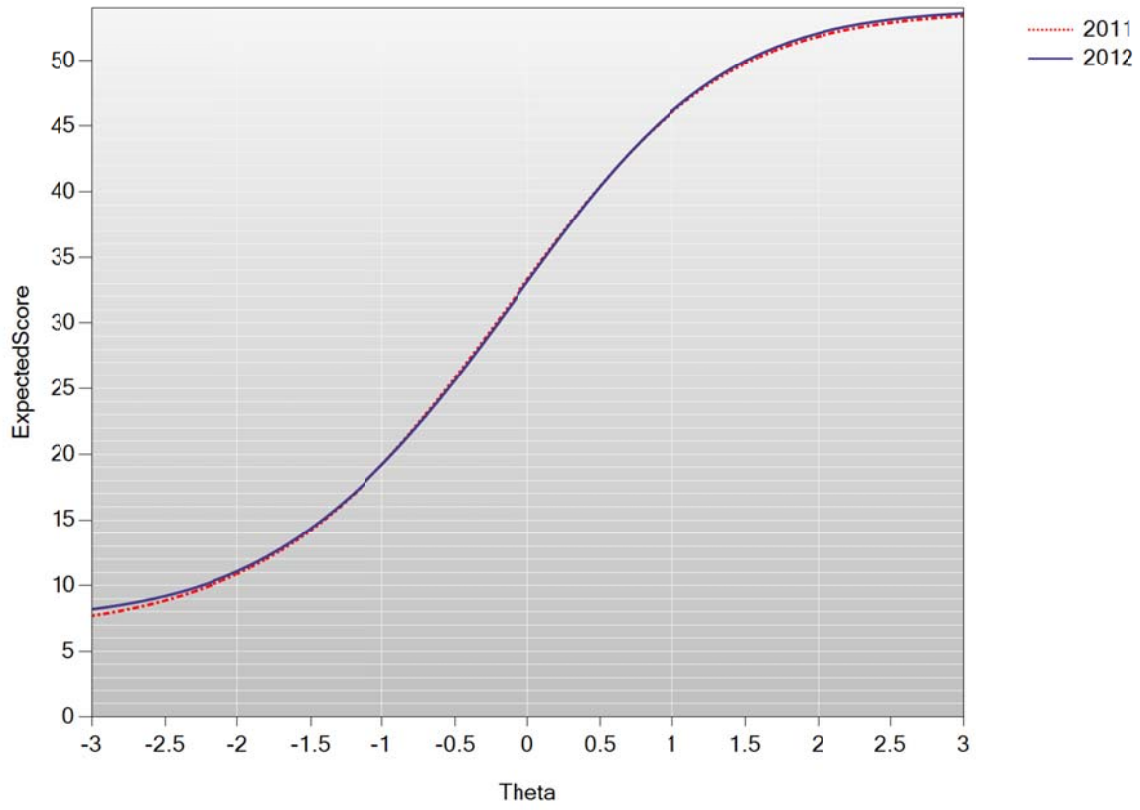


Figure I-22. 2012 MCAS: Test Information Function –
Mathematics Grade 6

Test Information Functions: Mathematics Grade 6

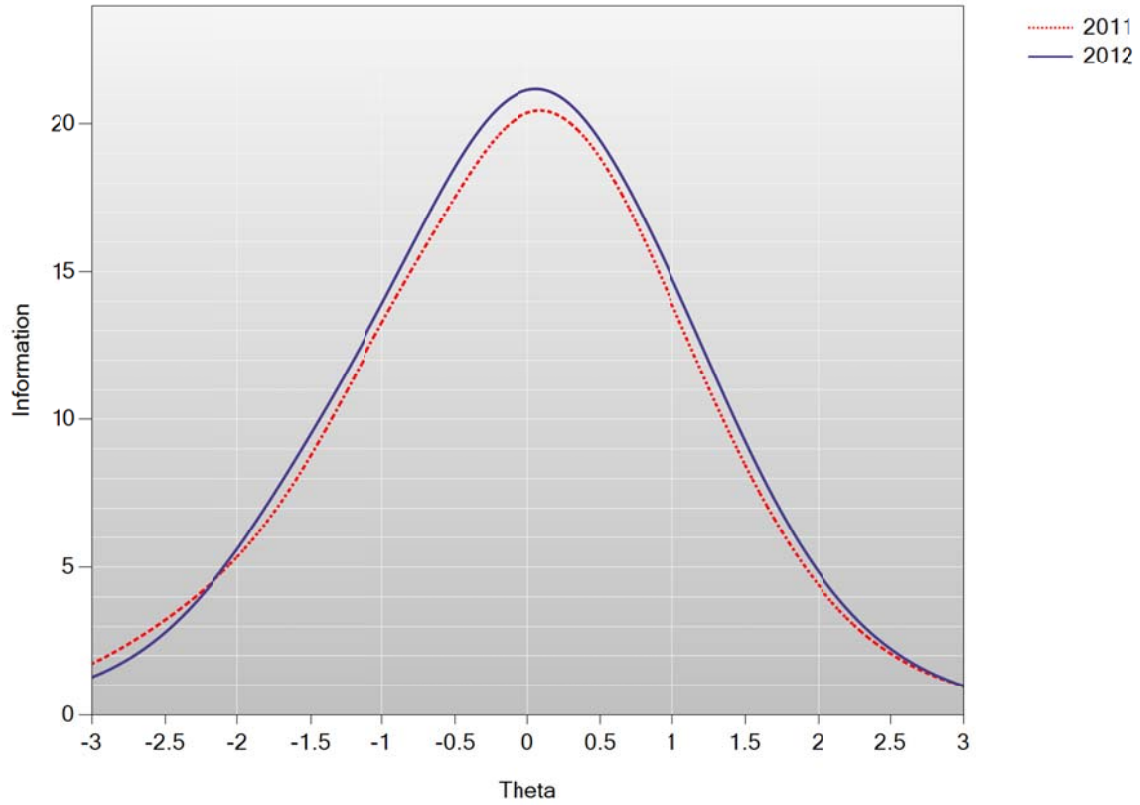


Figure I-23. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 7

Test Characteristic Curves: Mathematics Grade 7

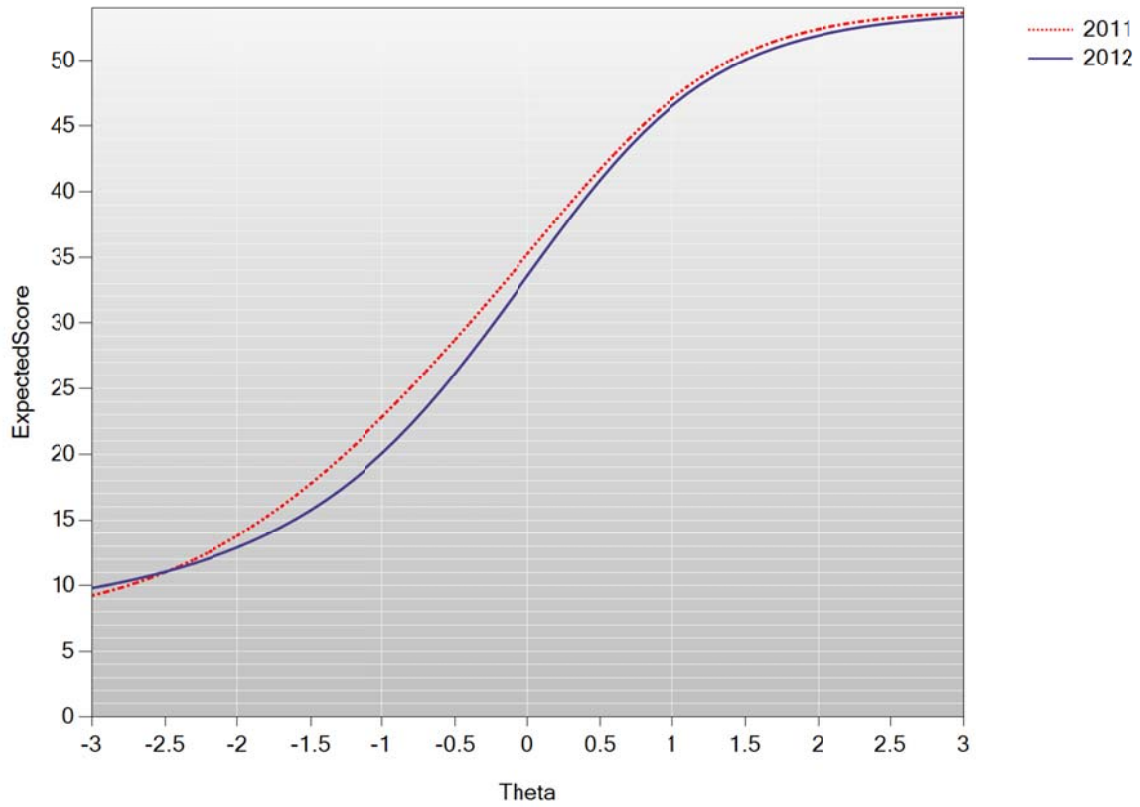


Figure I-24. 2012 MCAS: Test Information Function –
Mathematics Grade 7

Test Information Functions: Mathematics Grade 7

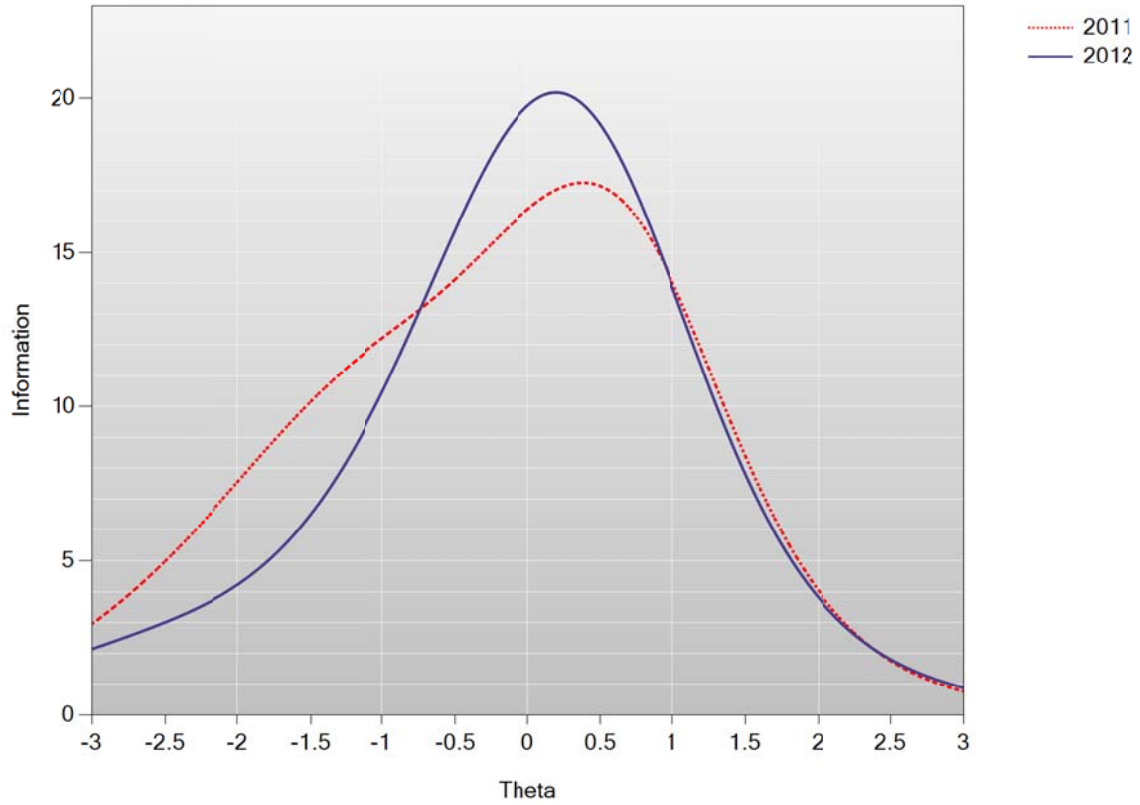


Figure I-25. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 8

Test Characteristic Curves: Mathematics Grade 8

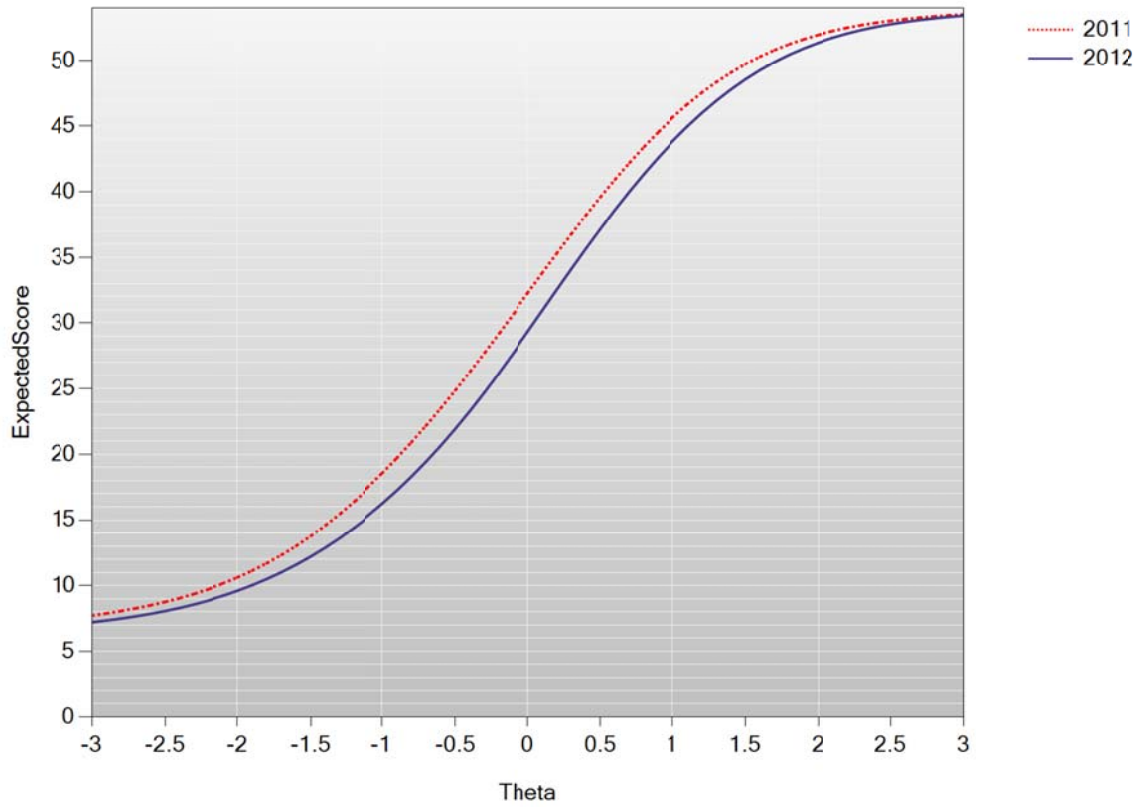


Figure I-26. 2012 MCAS: Test Information Function –
Mathematics Grade 8

Test Information Functions: Mathematics Grade 8

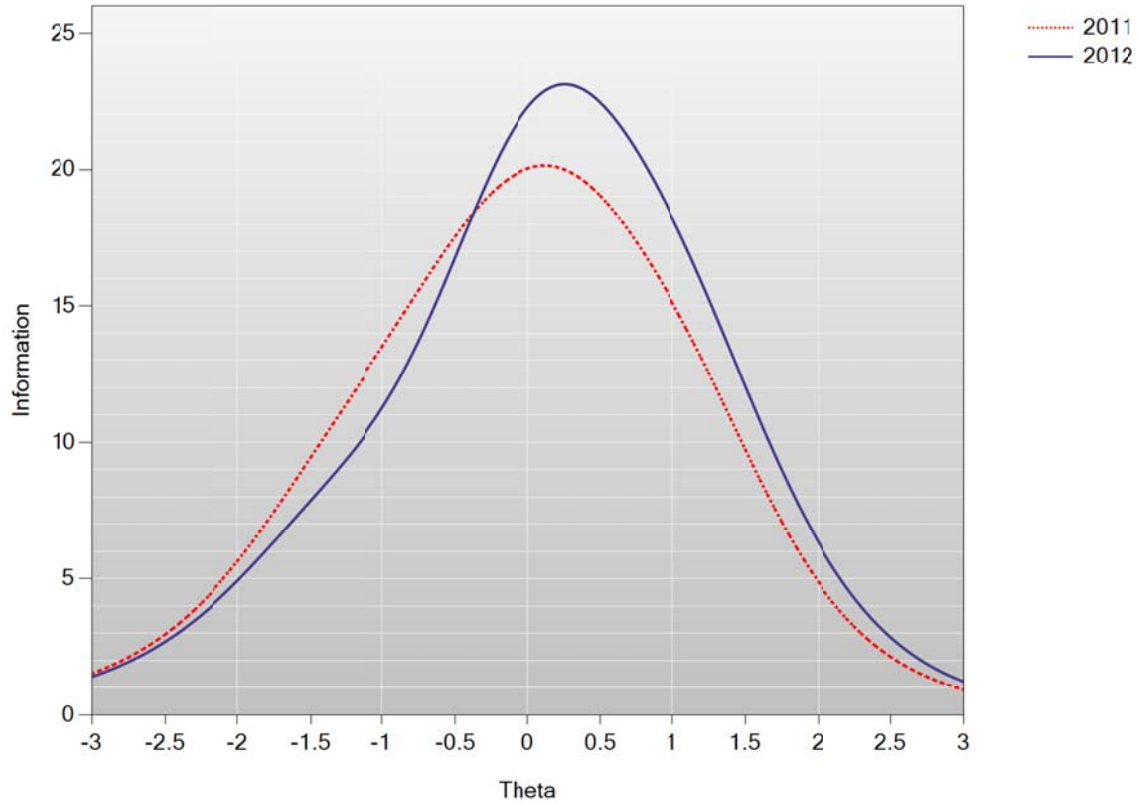


Figure I-27. 2012 MCAS: Test Characteristic Curve –
Mathematics Grade 10

Test Characteristic Curves: Mathematics Grade 10

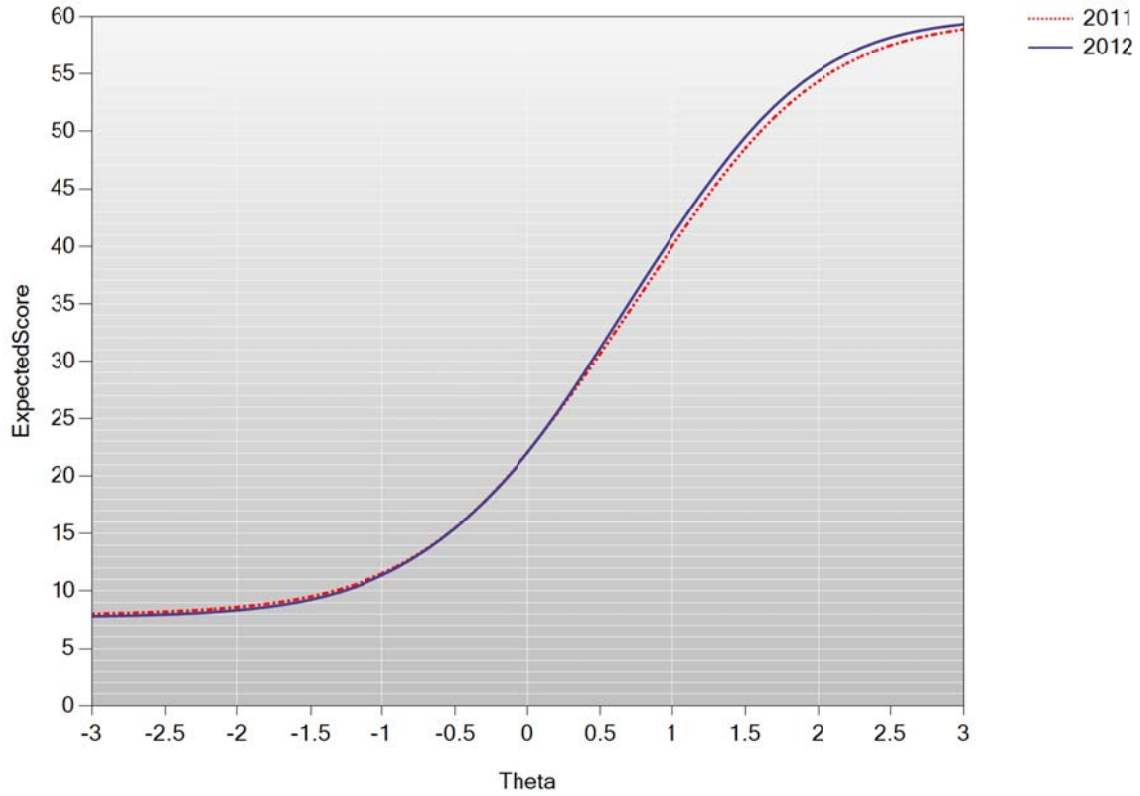


Figure I-28. 2012 MCAS: Test Information Function –
Mathematics Grade 10

Test Information Functions: Mathematics Grade 10

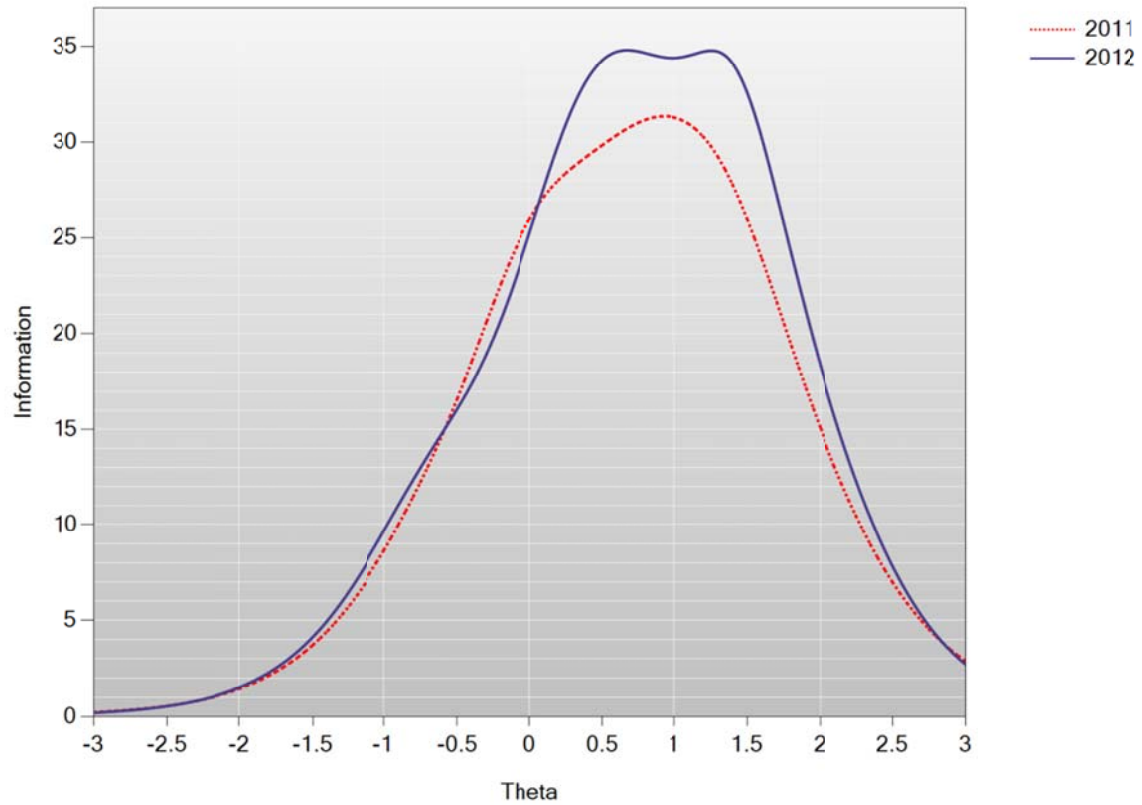


Figure I-29. 2012 MCAS: Test Characteristic Curve –
STE Grade 5

Test Characteristic Curves: Science Grade 5

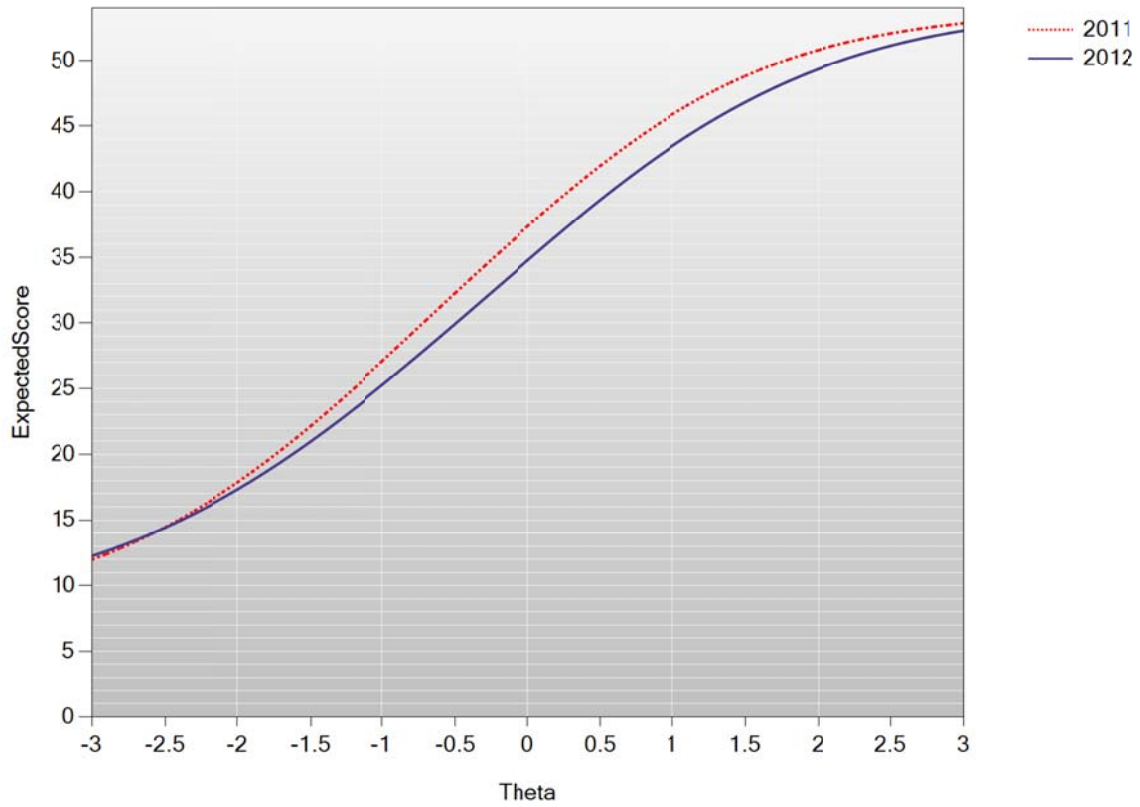


Figure I-30. 2012 MCAS: Test Information Function –
STE Grade 5

Test Information Functions: Science Grade 5

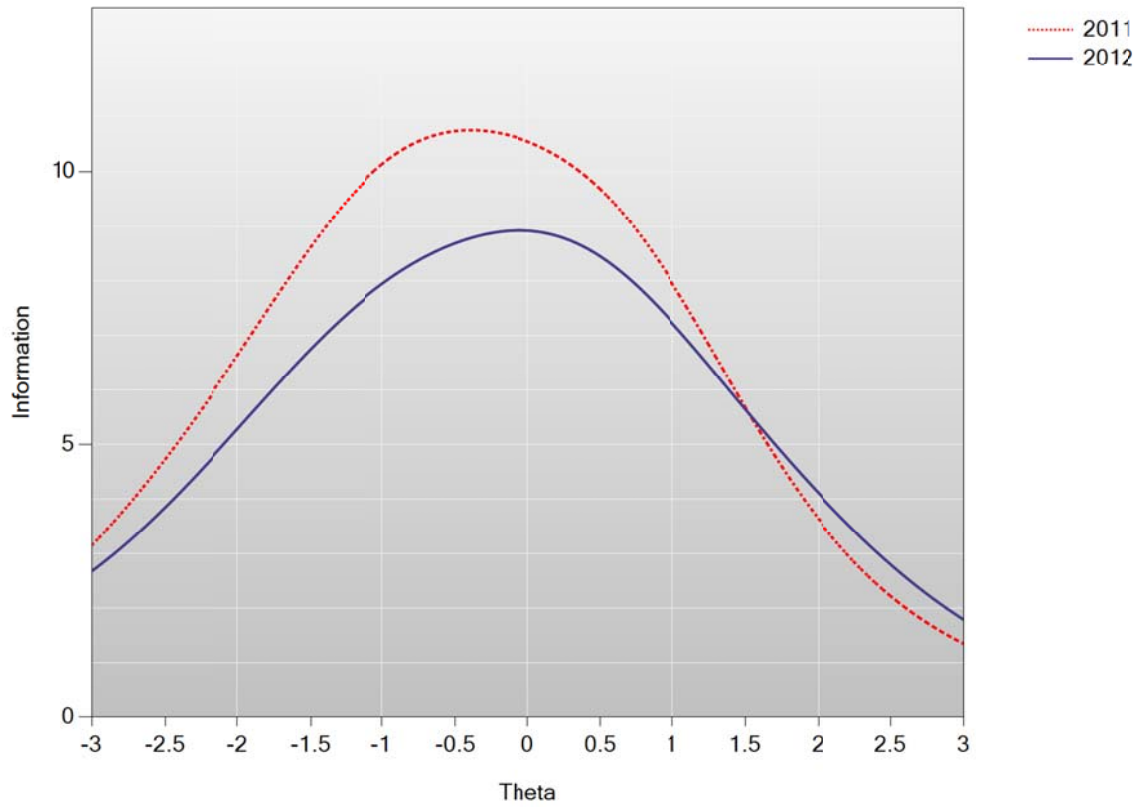


Figure I-31. 2012 MCAS: Test Characteristic Curve –
STE Grade 8

Test Characteristic Curves: Science Grade 8

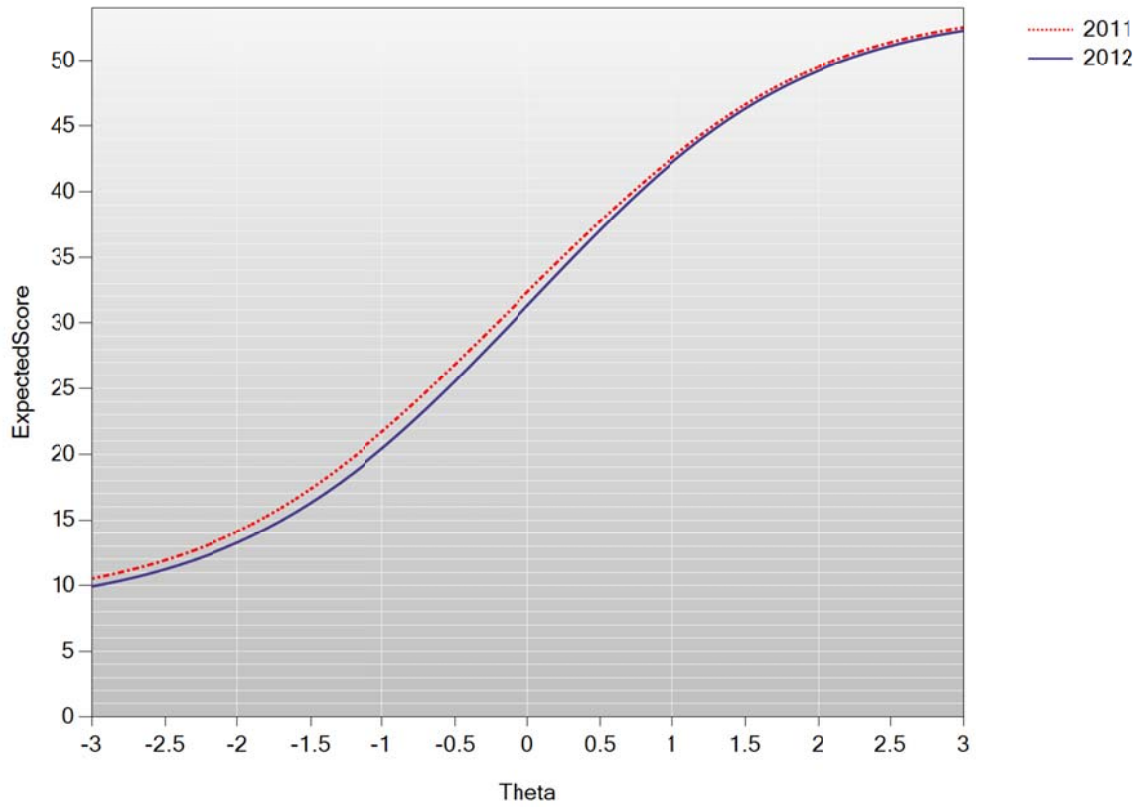


Figure I-32. 2012 MCAS: Test Information Function –
STE Grade 8

Test Information Functions: Science Grade 8

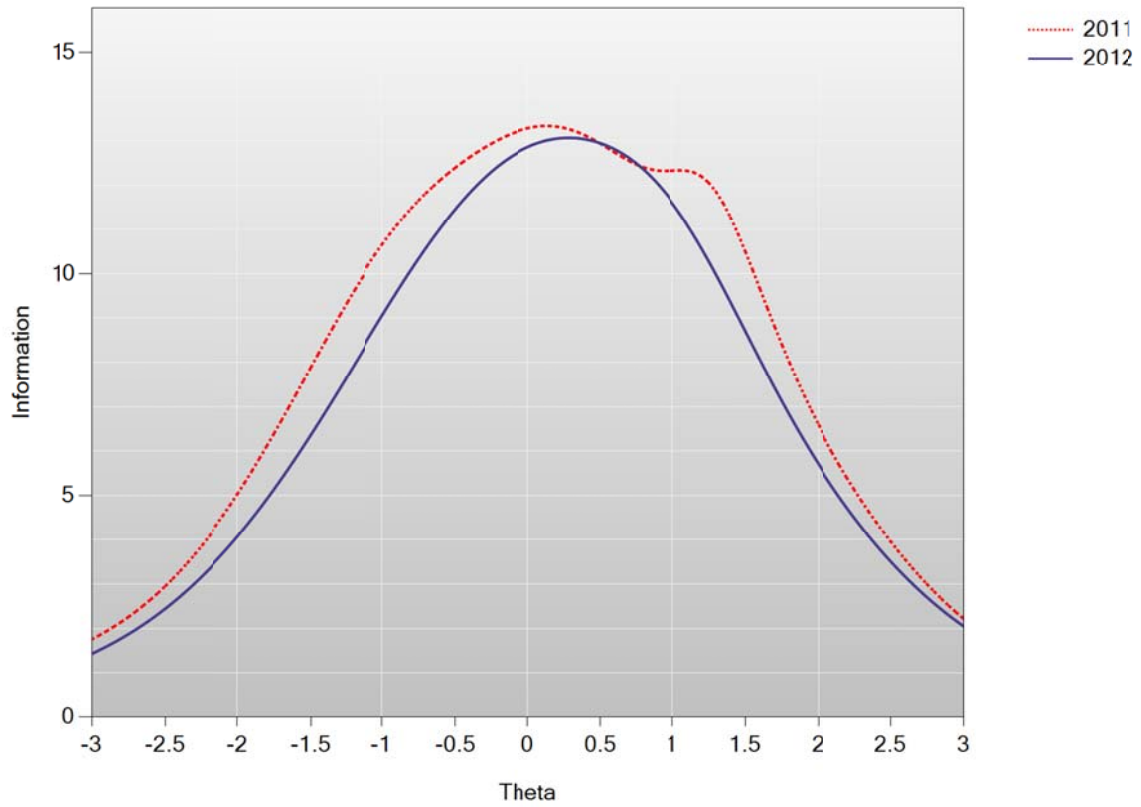


Figure I-33. 2012 MCAS: Test Characteristic Curve –
High School Biology

Test Characteristic Curves: Biology Grade 10

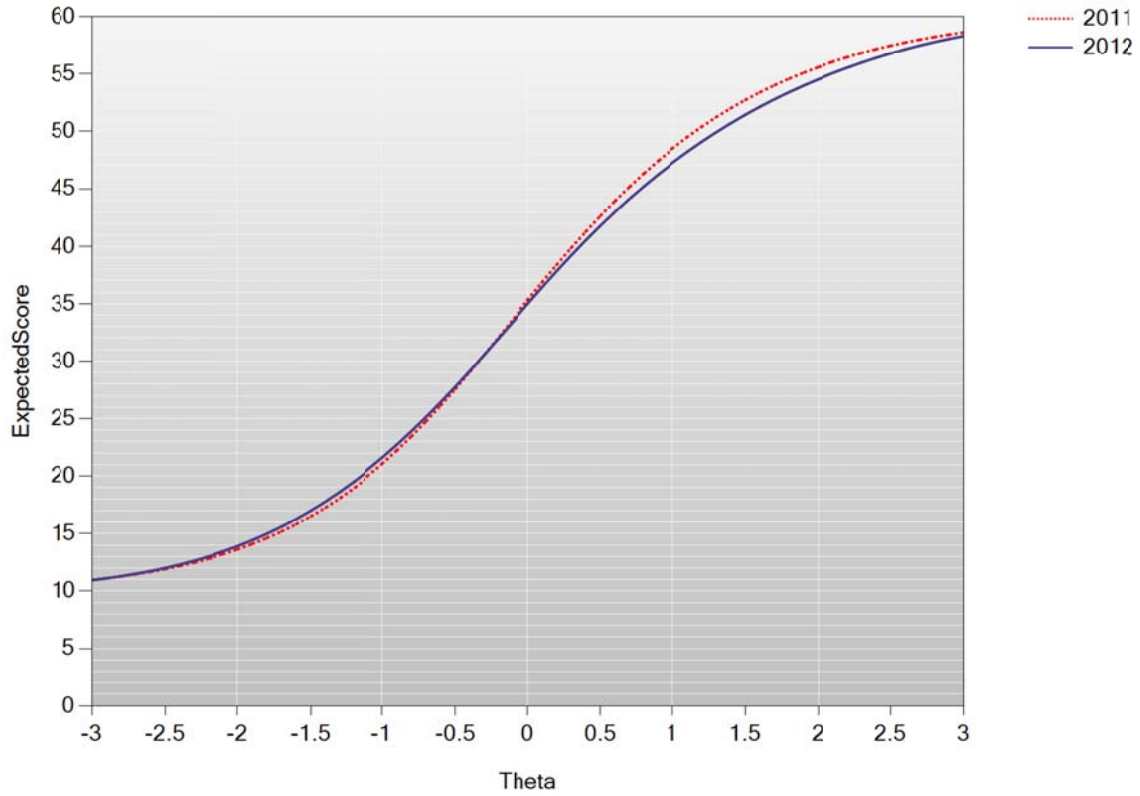


Figure I-34. 2012 MCAS: Test Information Function –
High School Biology

Test Information Functions: Biology Grade 10

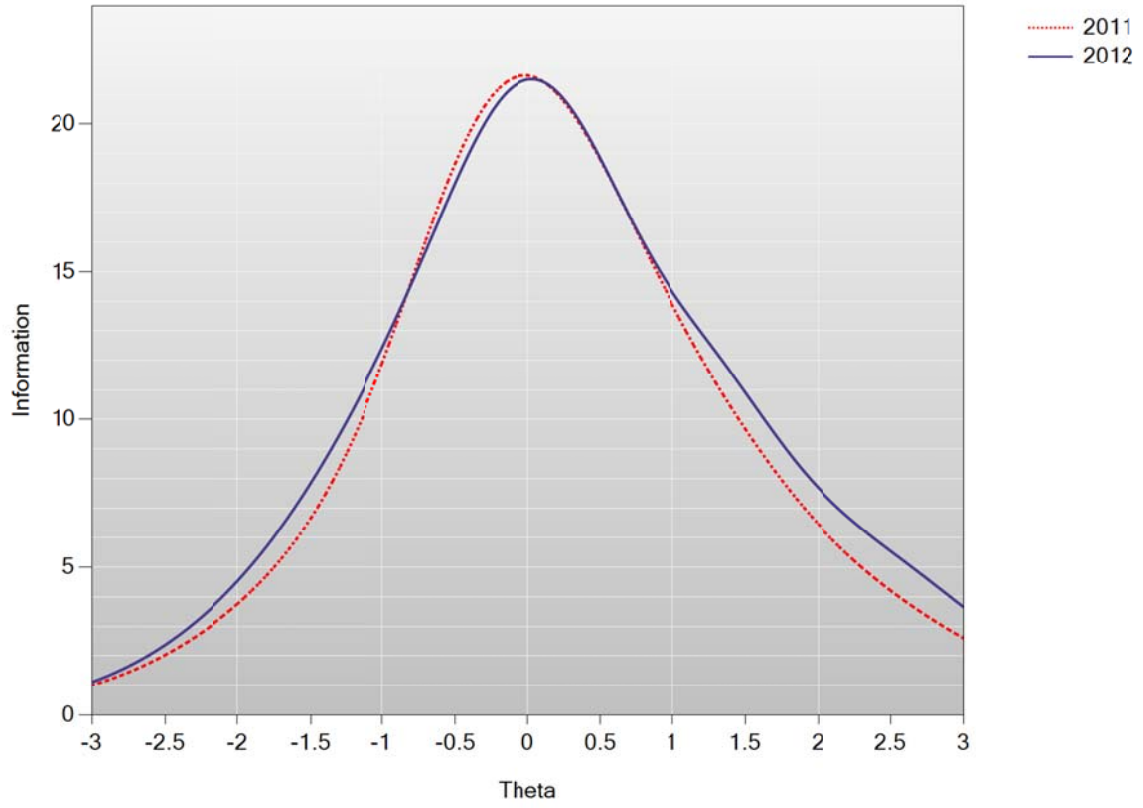


Figure I-35. 2012 MCAS: Test Characteristic Curve –
High School Chemistry

Test Characteristic Curves: Chemistry Grade 10

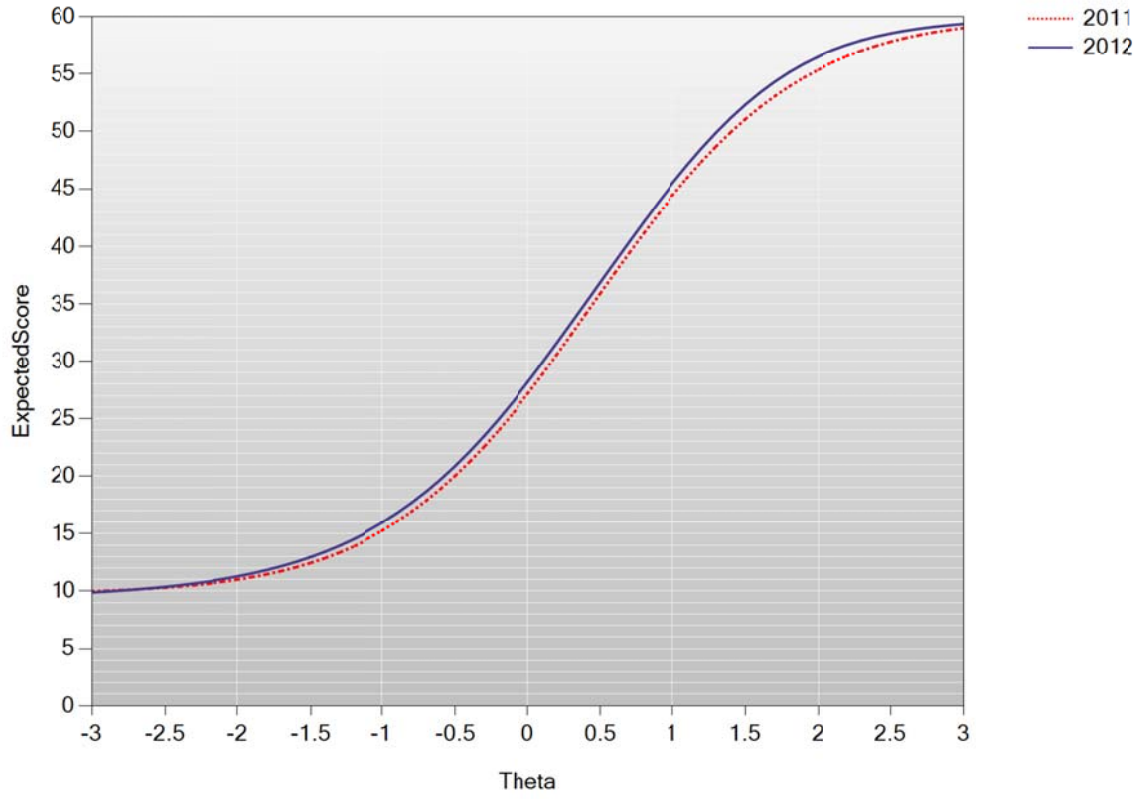


Figure I-36. 2012 MCAS: Test Information Function –
High School Chemistry

Test Information Functions: Chemistry Grade 10

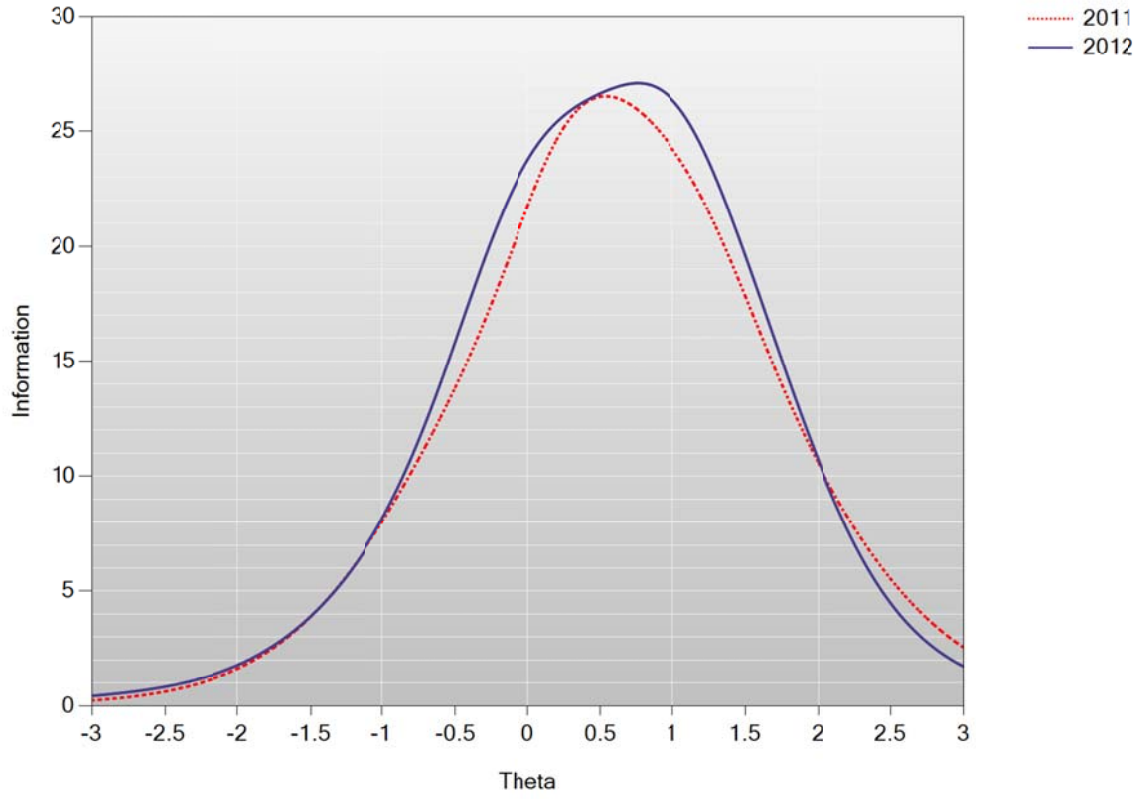


Figure I-37. 2012 MCAS: Test Characteristic Curve –
High School Introductory Physics

Test Characteristic Curves: Physics Grade 10

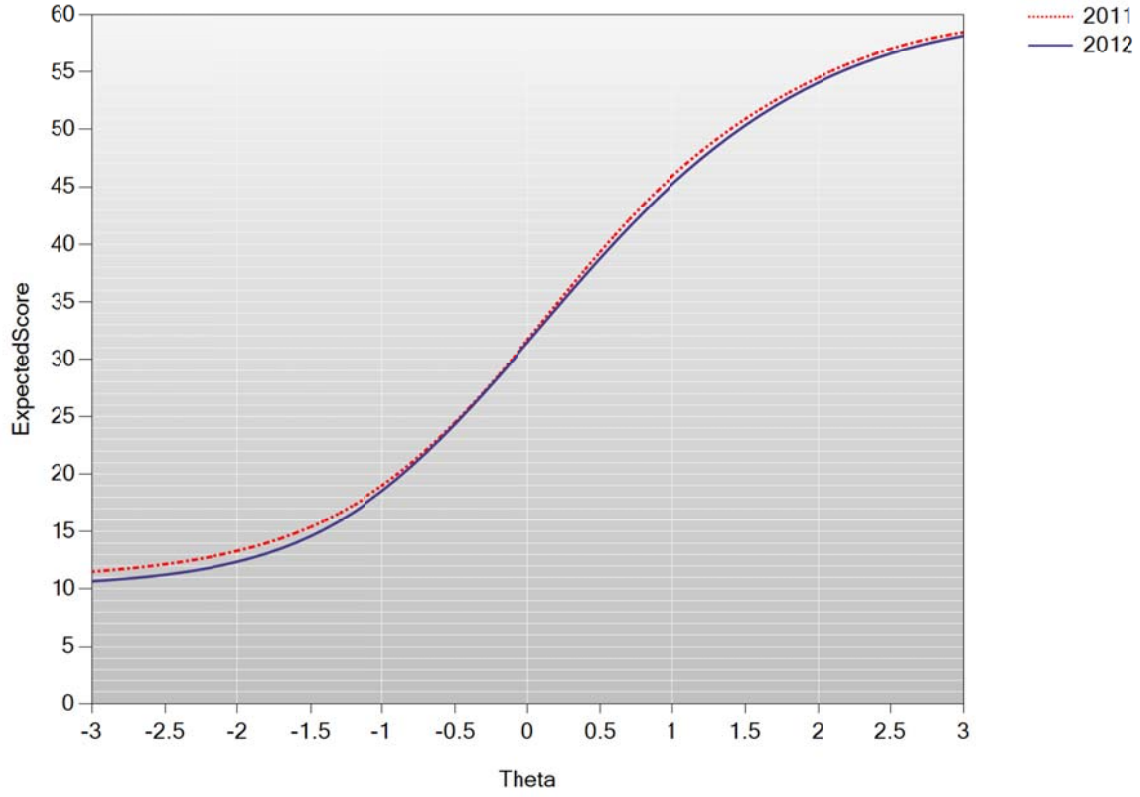


Figure I-38. 2012 MCAS: Test Information Function –
High School Introductory Physics

Test Information Functions: Physics Grade 10

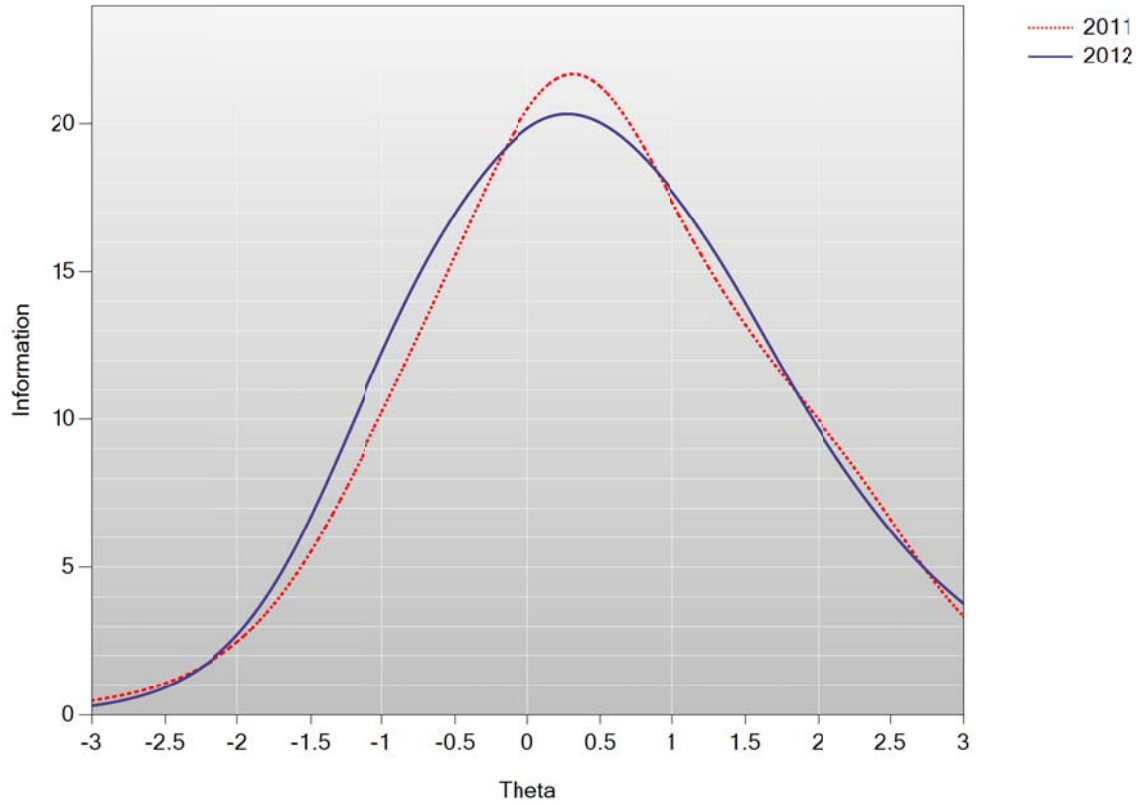
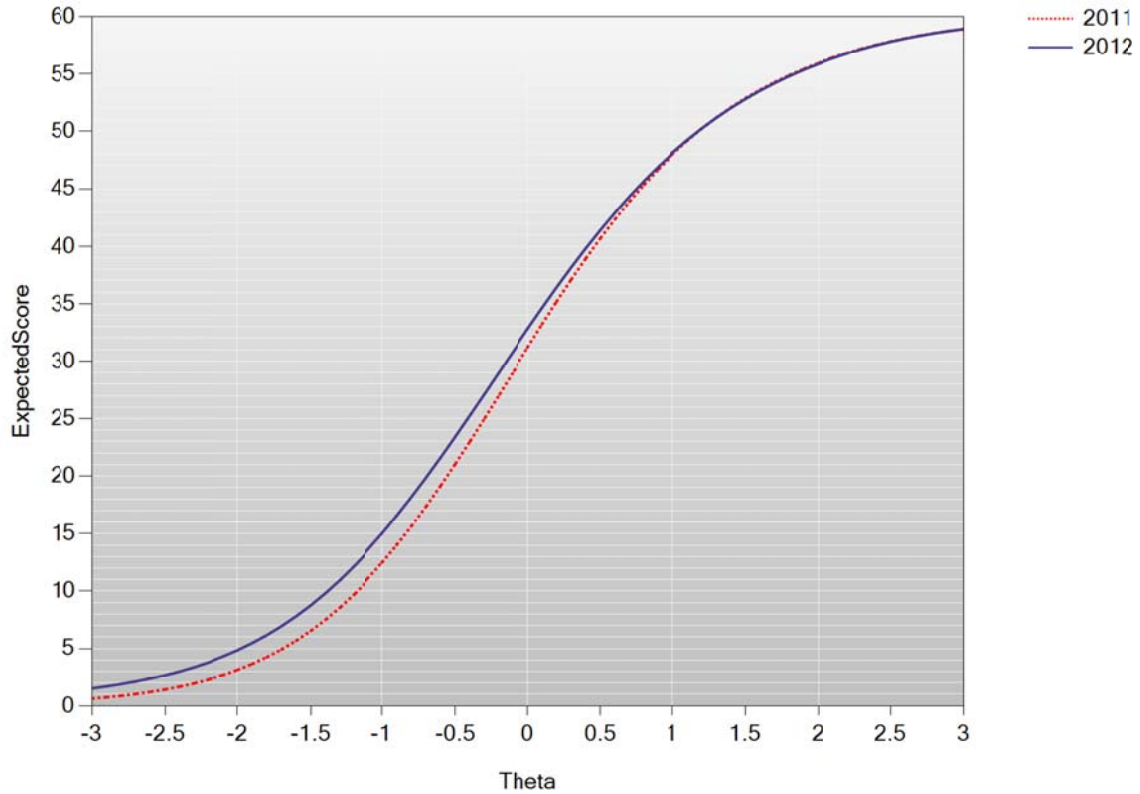


Figure I-39. 2012 MCAS: Test Characteristic Curve –
High School Technology/Engineering

Test Characteristic Curves: Technology and Engineering Grade 10



* Note: There is no Test Information Function for High School Technology/Engineering because the one-parameter model was used.