

Science Standards Test  
Reporting Clusters/Mean % Correct/Districtwide

DISTRICT

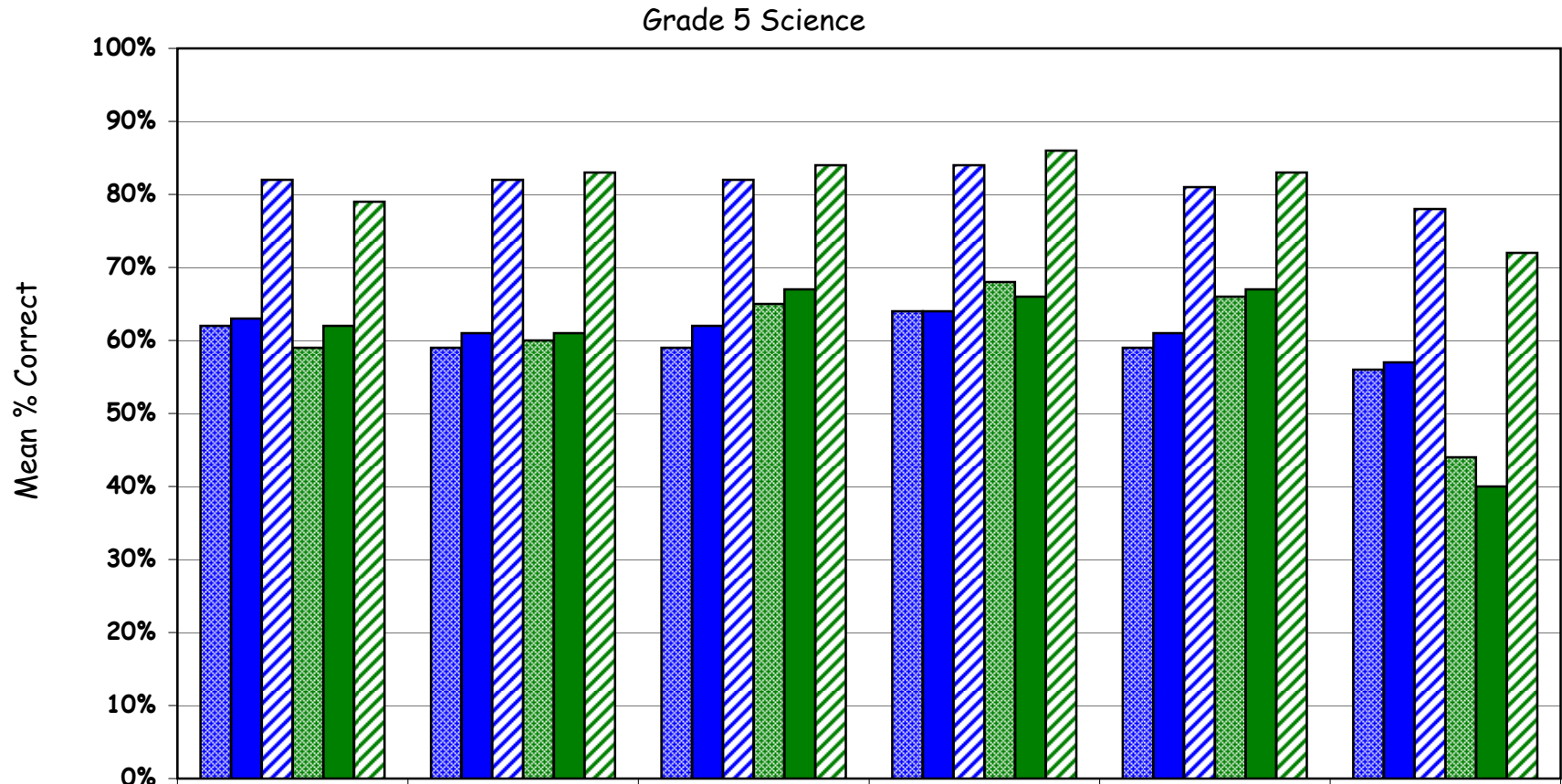
<b>Science Grade 5</b>		2006	2005
		<u># Items</u>	<u># Items</u>
Phys Gr 5	Physical Science Grade 5 Stds	12	11
Phys Gr 4	Physical Science Grade 4 Stds	8	8
Life Gr 5	Life Science Grade 5 Stds	11	13
Life Gr 4	Life Science Grade 4 Stds	10	9
Earth Gr 5	Earth Science Grade 5 Stds	12	11
Earth Gr 4	Earth Science Grade 4 Stds	<u>7</u>	<u>8</u>
<b>Total Test Items</b>		<b>60</b>	<b>60</b>

<b>Science Grade 5</b>	<u>Phys Gr 5</u>	<u>Phys Gr 4</u>	<u>Life Gr 5</u>	<u>Life Gr 4</u>	<u>Earth Gr 5</u>	<u>Earth Gr 4</u>
NUSD '05	62%	59%	59%	64%	59%	56%
State Proficient '05*	-1%	-2%	-3%	0%	-2%	-1%
State Advanced '05**	-20%	-23%	-23%	-20%	-22%	-22%
NUSD '06	59%	60%	65%	68%	66%	44%
State Proficient '06*	-3%	-1%	-2%	2%	-1%	4%
State Advanced '06**	-20%	-23%	-19%	-18%	-17%	-28%

\* The average percent correct statewide in this Reporting Cluster for students who scored at the lowest score for PROFICIENT (SS=350) on the Total Test

\*\* The average percent correct statewide in this Reporting Cluster for students who scored at the lowest score for ADVANCED (SS=410) on the Total Test

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	Phys Gr 5	Phys Gr 4	Life Gr 5	Life Gr 4	Earth Gr 5	Earth Gr 4
■ NUSD 05	62%	59%	59%	64%	59%	56%
■ Proficient CA 05	63%	61%	62%	64%	61%	57%
▨ Advanced CA 05	82%	82%	82%	84%	81%	78%
▨ NUSD 06	59%	60%	65%	68%	66%	44%
■ Proficient CA 06	62%	61%	67%	66%	67%	40%
▨ Advanced CA 06	79%	83%	84%	86%	83%	72%

**Science Standards Test  
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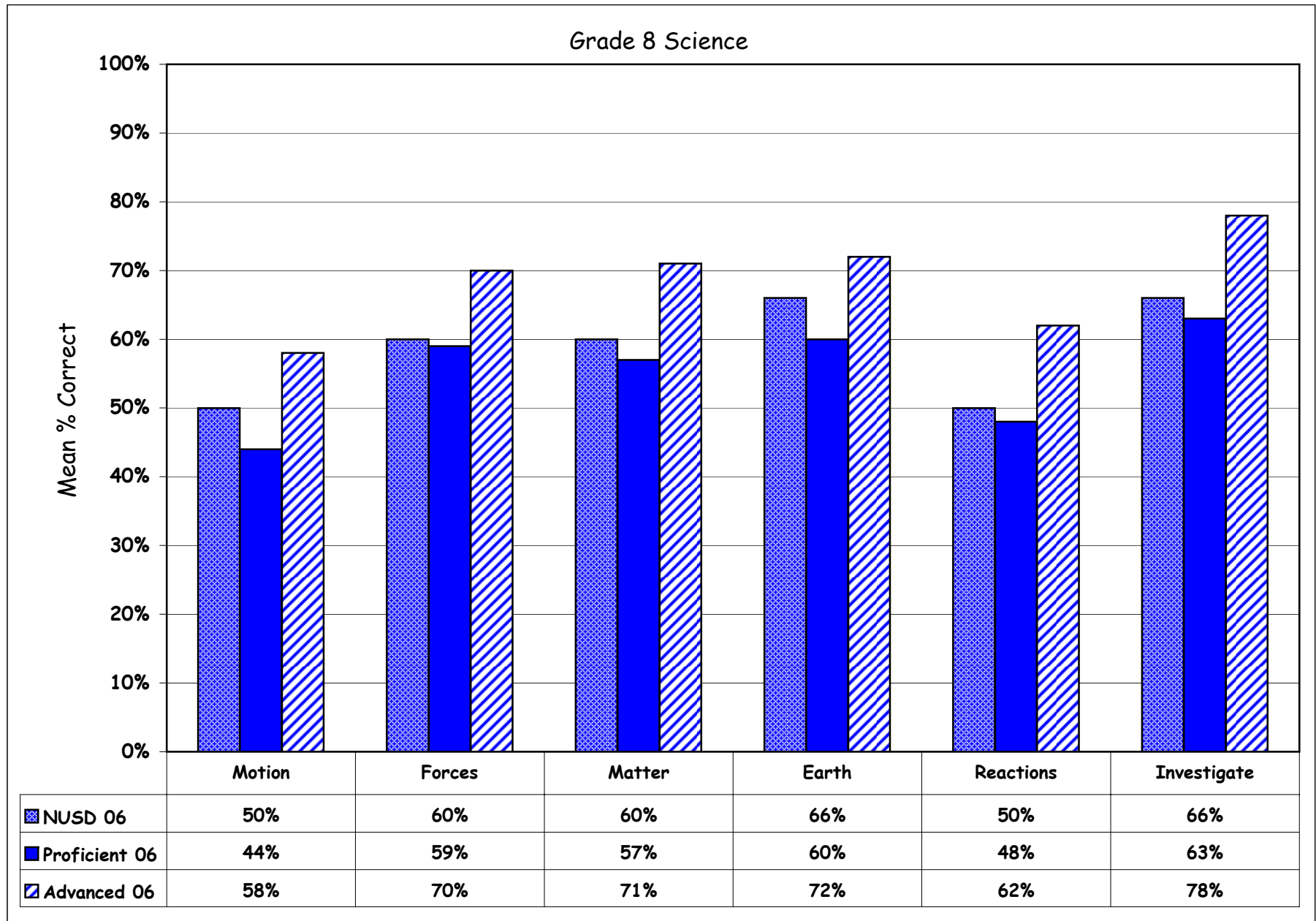
<b>Science Grade 8</b>		<b>2006</b>
		<b><u># Items</u></b>
<b>Motion</b>	Motion	8
<b>Forces</b>	Forces, Density, and Buoyancy	13
<b>Matter</b>	Structure of Matter and Periodic Table	16
<b>Earth</b>	Earth in the Solar System	7
<b>Reactions</b>	Reactions and the Chemistry of Living systems	10
<b>Investigate</b>	Investigation & Experimentation	<u>6</u>
<b>Total Test Items</b>		<b>60</b>

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\*\* The average percent correct statewide in this Reporting Cluster for students who scored at the lowest score for ADVANCED (SS=403) on the Total Test

<b>Grade 8</b>	<b>Motion</b>	<b>Forces</b>	<b>Matter</b>	<b>Earth</b>	<b>Reactions</b>	<b>Investigate</b>
NUSD '06	50%	60%	60%	66%	50%	66%
State Proficient '06*	6%	1%	3%	6%	2%	3%
State Advanced '06**	-8%	-10%	-11%	-6%	-12%	-12%

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**Science Standards Test  
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**Grade 10 Life Science**

		<b>2006</b>
		<b><u># Items</u></b>
<b>Cell</b>	Cell Biology	10
<b>Genetics</b>	Genetics	12
<b>Physiol</b>	Physiology	10
<b>Ecology</b>	Ecology	11
<b>Evolution</b>	Evolution	11
<b>Investigate</b>	Investigation & Experimentation	<u>6</u>
		<b>60</b>

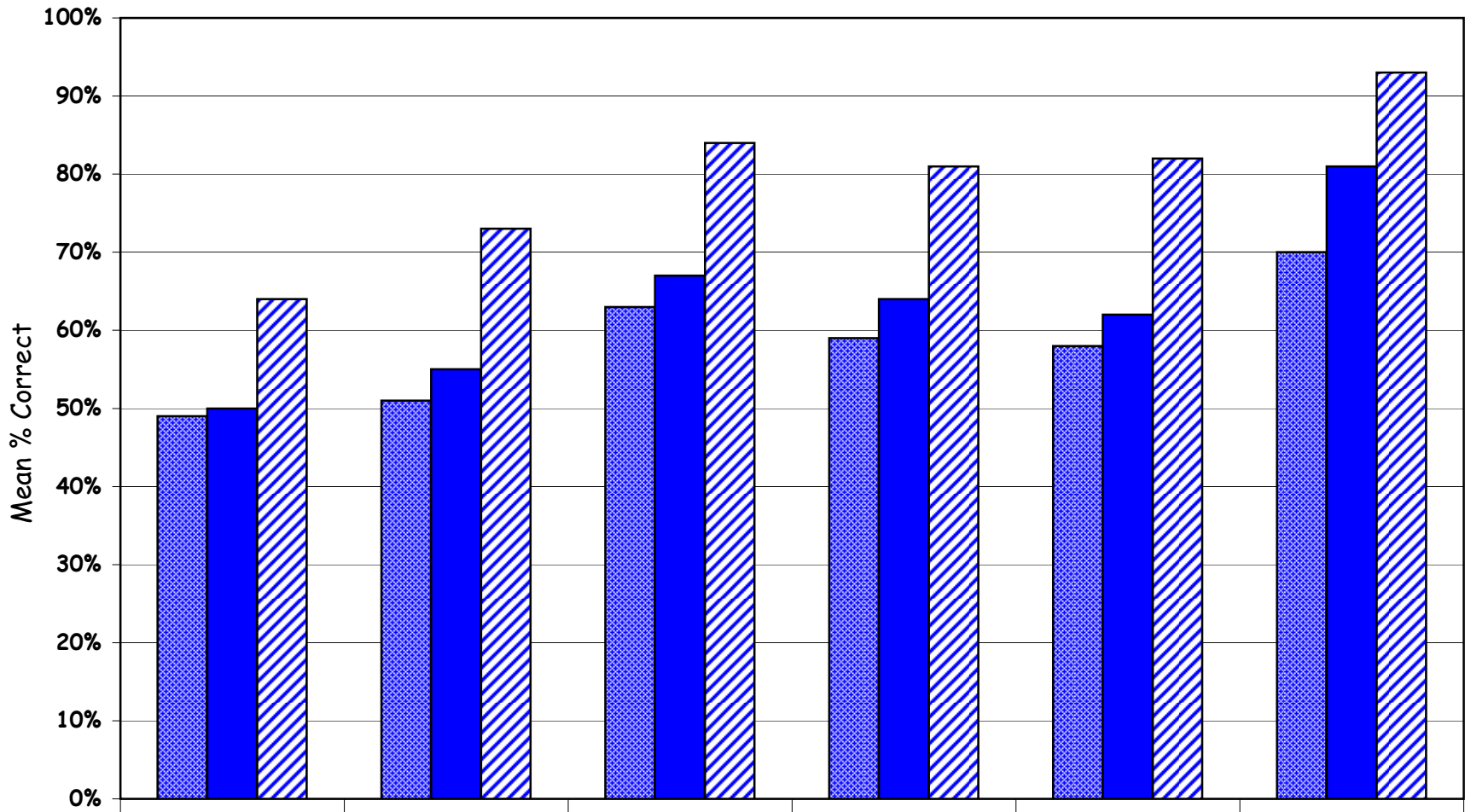
\* The average percent correct statewide in this Reporting Cluster for students who scored at the lowest score for PROFICIENT (SS=350) on the Total Test

\*\* The average percent correct statewide in this Reporting Cluster for students who scored at the lowest score for ADVANCED (SS=399) on the Total Test

<b>Grade 10 Life Science</b>	<b><u>Cell</u></b>	<b><u>Genetics</u></b>	<b><u>Physiol</u></b>	<b><u>Ecology</u></b>	<b><u>Evolution</u></b>	<b><u>Investigate</u></b>
NUSD '06	49%	51%	63%	59%	58%	70%
State Proficient '06*	-1%	-4%	-4%	-5%	-4%	-11%
State Advanced '06**	-15%	-22%	-21%	-22%	-24%	-23%

**Science Standards Test  
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*Grade 10 Life Science*



	Cell	Genetics	Physiol	Ecology	Evolution	Investigate
NUSD 06	49%	51%	63%	59%	58%	70%
Proficient 06	50%	55%	67%	64%	62%	81%
Advanced 06	64%	73%	84%	81%	82%	93%

**Science Standards Test  
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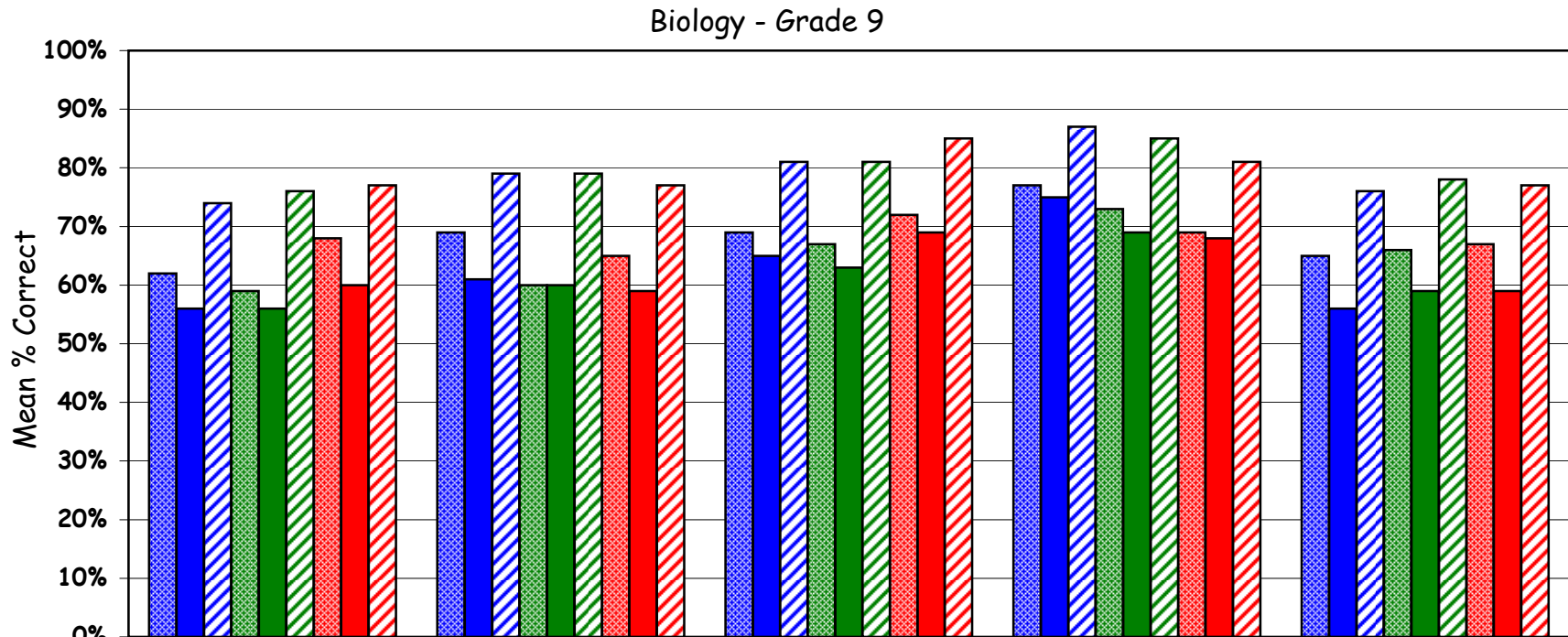
<b>Biology Standards Test - Grade 9</b>		<b>2004-06</b>			
		<u>Items</u>		<u># Valid</u>	<u>% Tested</u>
<b>Cell Bio</b>	Cell Biology	9			
<b>Genetics</b>	Genetics	18			
<b>Ecol/Evol</b>	Ecology and Evolution	16	2004	188	31%
<b>Physiology</b>	Physiology	11	2005	230	38%
<b>E &amp; I</b>	Investigation and Experimentation	6	2006	263	43%
<b>Total Test Items</b>		<b>60</b>			

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<b>Biology - Grade 9</b>	<u>Cell Bio</u>	<u>Genetics</u>	<u>Ecol/Evol</u>	<u>Physiology</u>	<u>E &amp; I</u>
NUSD '05	59%	60%	67%	73%	66%
State Proficient '05*	3%	0%	4%	4%	7%
State Advanced '05**	-17%	-19%	-14%	-12%	-12%
NUSD '06	68%	65%	72%	69%	67%
State Proficient '06*	8%	6%	3%	1%	8%
State Advanced '06**	-9%	-12%	-13%	-12%	-10%

**Science Standards Test  
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	Cell Bio	Genetics	Ecol/Evol	Physiology	E & I
■ NUSD 04	62%	69%	69%	77%	65%
■ Proficient 04	56%	61%	65%	75%	56%
■ Advanced 04	74%	79%	81%	87%	76%
■ NUSD 05	59%	60%	67%	73%	66%
■ Proficient 05	56%	60%	63%	69%	59%
■ Advanced 05	76%	79%	81%	85%	78%
■ NUSD 06	68%	65%	72%	69%	67%
■ Proficient 06	60%	59%	69%	68%	59%
■ Advanced 06	77%	77%	85%	81%	77%

**Science Standards Test  
Reporting Clusters/Mean % Correct/Districtwide**

**Biology Standards Test - Grade 10**

2004-06

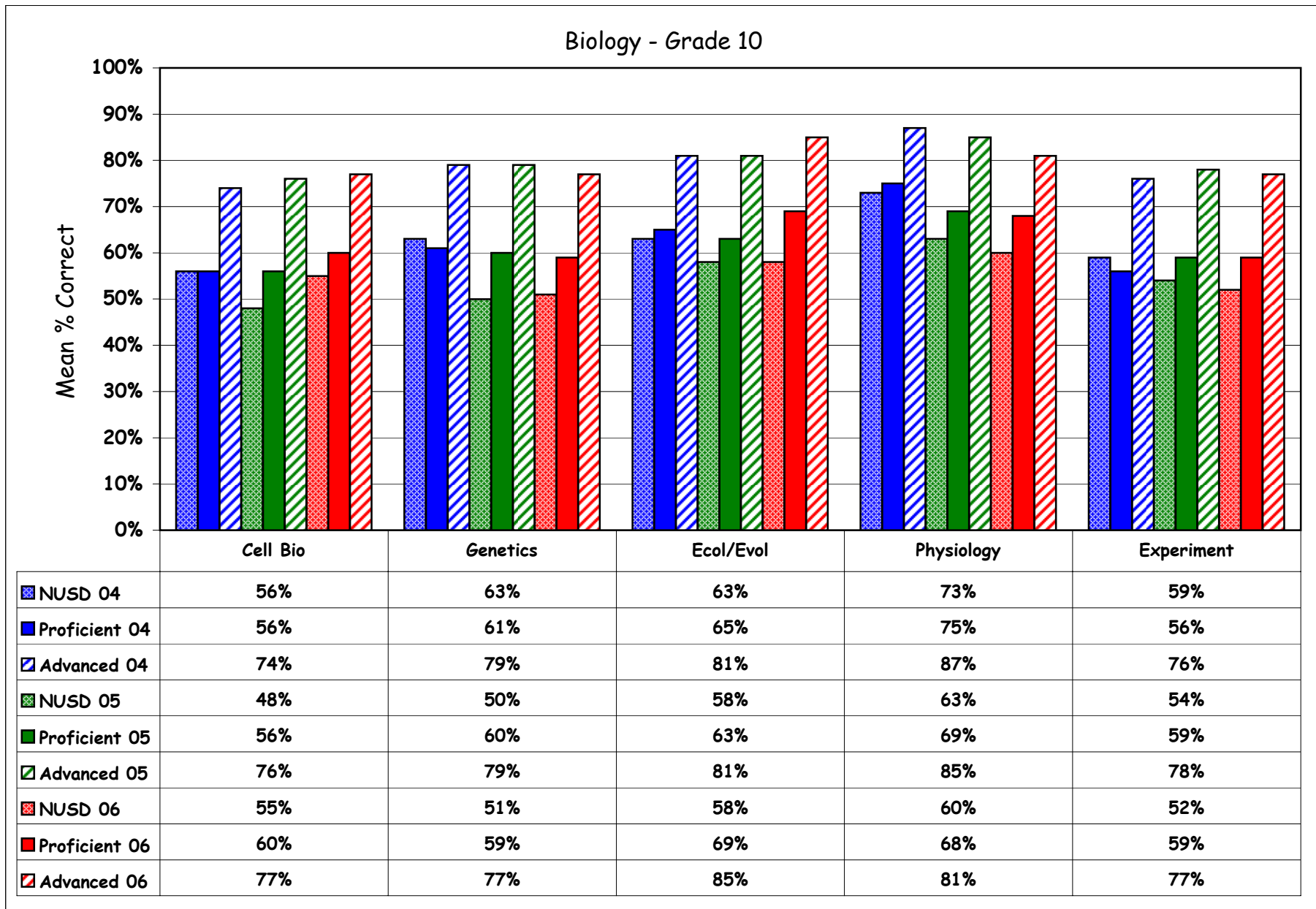
		<u>Items</u>		<u># Valid</u>	<u>% Tested</u>
<b>Cell Bio</b>	Cell Biology	9			
<b>Genetics</b>	Genetics	18			
<b>Ecol/Evol</b>	Ecology and Evolution	16	2004	345	57%
<b>Physiology</b>	Physiology	11	2005	319	55%
<b>E &amp; I</b>	Investigation and Experimentation	6	2006	284	47%
	<b>Total Test Items</b>	<b>60</b>			

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<b>Biology - Grade 10</b>	<u>Cell Bio</u>	<u>Genetics</u>	<u>Ecol/Evol</u>	<u>Physiology</u>	<u>E &amp; I</u>
NUSD '05	48%	50%	58%	63%	54%
State Proficient '05*	-8%	-10%	-5%	-6%	-5%
State Advanced '05**	-28%	-29%	-23%	-22%	-24%
NUSD '06	55%	51%	58%	60%	52%
State Proficient '06*	-5%	-8%	-11%	-8%	-7%
State Advanced '06**	-22%	-26%	-27%	-21%	-25%

**Science Standards Test  
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**Science Standards Test**  
**Reporting Clusters/Mean % Correct/Districtwide**

**Biology Standards Test - Grade 11**

2004-06

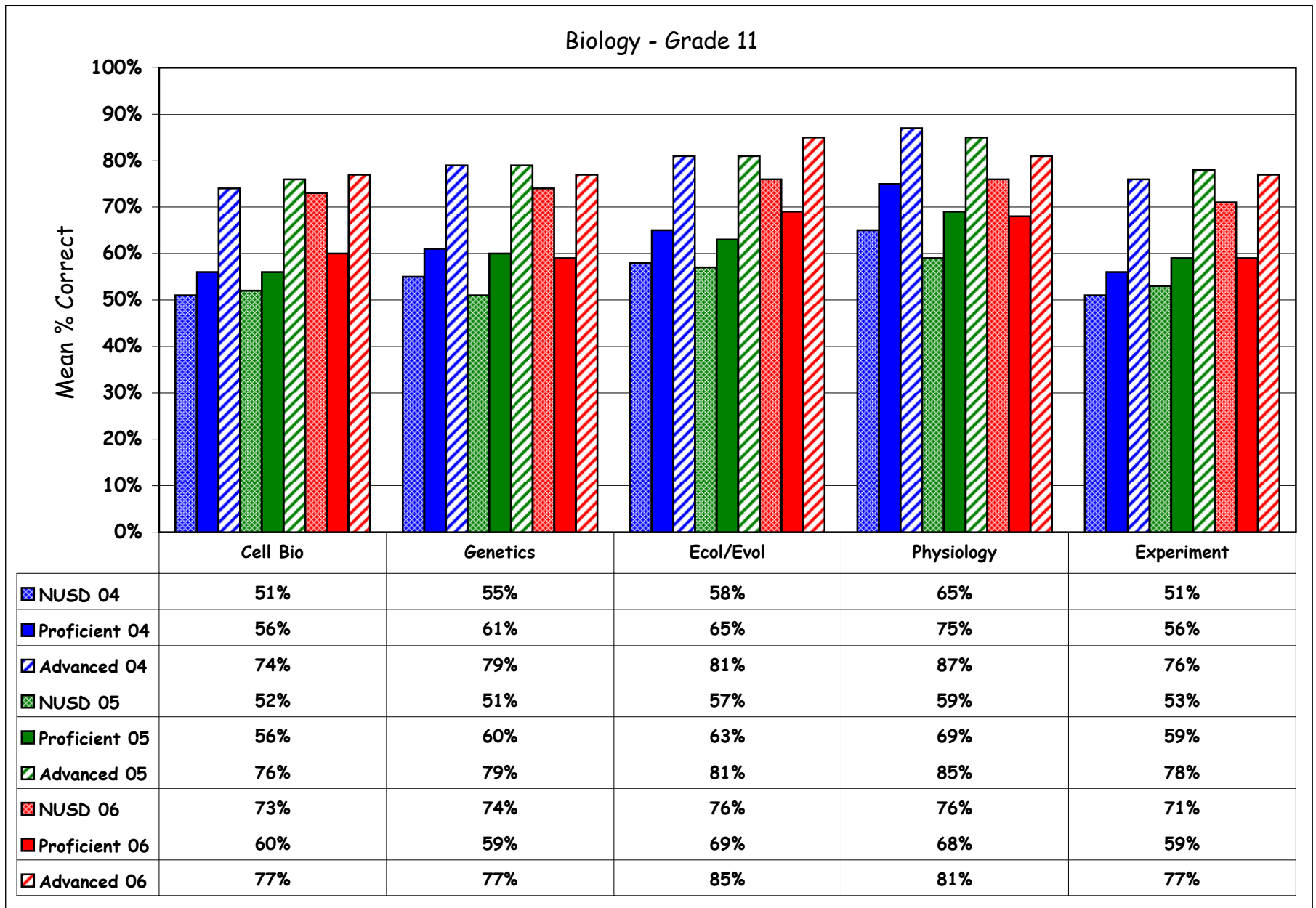
		<u>Items</u>		<u># Valid</u>	<u>Scores</u>	<u>% Tested</u>
<b>Cell Bio</b>	Cell Biology	9				
<b>Genetics</b>	Genetics	18				
<b>Ecol/Evol</b>	Ecology and Evolution	16	2004	47		9%
<b>Physiology</b>	Physiology	11	2005	37		7%
<b>E &amp; I</b>	Investigation and Experimentation	<u>6</u>	2006	110		19%
	<b>Total Test Items</b>	<b>60</b>				

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<b>Biology - Grade 11</b>	<u>Cell Bio</u>	<u>Genetics</u>	<u>Ecol/Evol</u>	<u>Physiology</u>	<u>E &amp; I</u>
NUSD '05	52%	51%	57%	59%	53%
State Proficient '05*	-4%	-9%	-6%	-10%	-6%
State Advanced '05**	-24%	-28%	-24%	-26%	-25%
NUSD '06	73%	74%	76%	76%	71%
State Proficient '06*	13%	15%	7%	8%	12%
State Advanced '06**	-4%	-3%	-9%	-5%	-6%

**Science Standards Test  
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Science Standards Test  
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Grade 10 - Chemistry

		2004-06		# Valid	
		# Items		Scores	% Tested
Structure	Atomic and Molecular Structure	8			
Bonds	Chemical Bonds, Biochemistry	9	2004	20	3%
Kinetics	Kinetics, Thermodynamics	14	2005	143	24%
Reactions	Chemical Reactions	13	2006	199	33%
Conservation	Conservation of Matter and Stoichiometry	10			
E & I	Investigation & Experimentation	6			
Total Test Items		60			

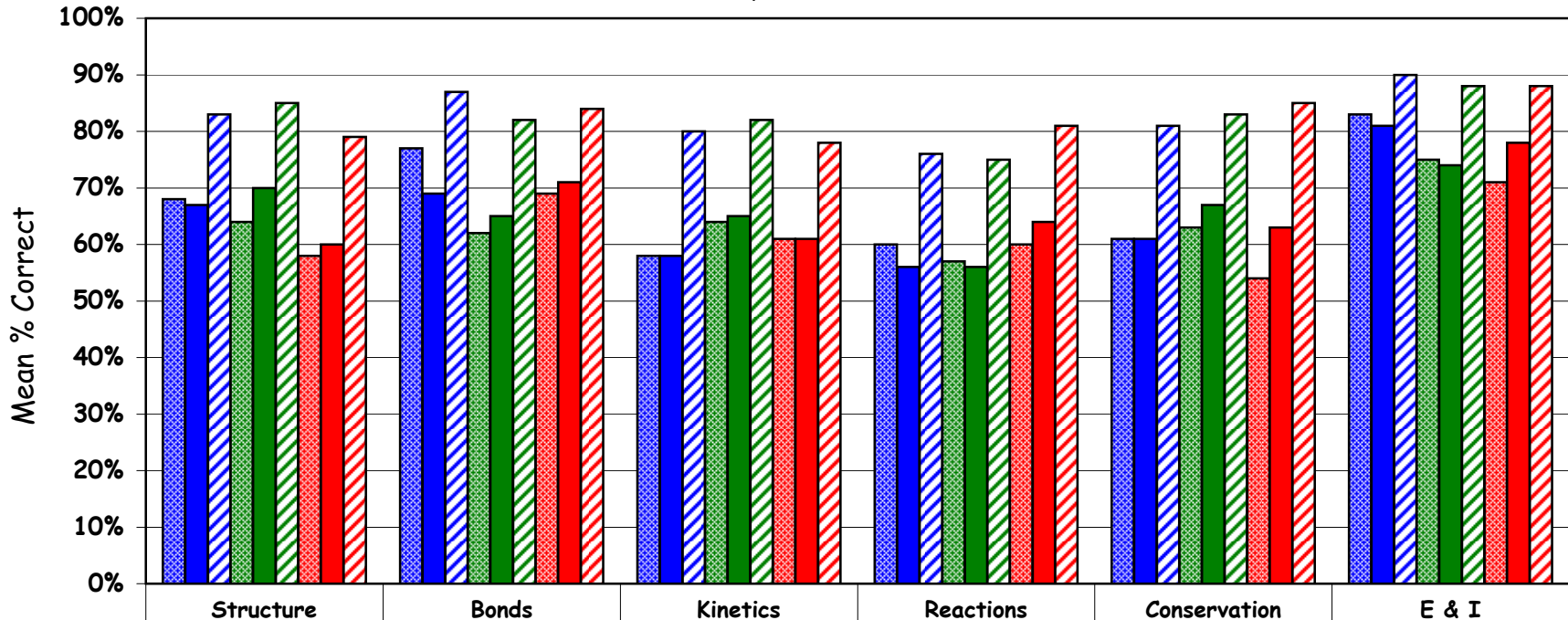
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Grade 10 - Chemistry	Structure	Bonds	Kinetics	Reactions	Conservation	E & I
NUSD '05	64%	62%	64%	57%	63%	75%
State Proficient '05*	-6%	-3%	-1%	1%	-4%	1%
State Advanced '05**	-21%	-20%	-18%	-18%	-20%	-13%
NUSD '06	58%	69%	61%	60%	54%	71%
State Proficient '06*	-2%	-2%	0%	-4%	-9%	-7%
State Advanced '06**	-21%	-15%	-17%	-21%	-31%	-17%

**Science Standards Test  
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**Chemistry - Grade 10**



	Structure	Bonds	Kinetics	Reactions	Conservation	E & I
■ NUSD 04	68%	77%	58%	60%	61%	83%
■ Proficient 04	67%	69%	58%	56%	61%	81%
▨ Advanced 04	83%	87%	80%	76%	81%	90%
■ NUSD 05	64%	62%	64%	57%	63%	75%
■ Proficient 05	70%	65%	65%	56%	67%	74%
▨ Advanced 05	85%	82%	82%	75%	83%	88%
■ NUSD 06	58%	69%	61%	60%	54%	71%
■ Proficient 06	60%	71%	61%	64%	63%	78%
▨ Advanced 06	79%	84%	78%	81%	85%	88%

Science Standards Test  
Reporting Clusters/Mean % Correct/Districtwide

Grade 11 - Chemistry

		2004-06		# Valid	
		# Items		Scores	% Tested
Structure	Atomic and Molecular Structure	8			
Bonds	Chemical Bonds, Biochemistry	9	2004	188	35%
Kinetics	Kinetics, Thermodynamics	14	2005	252	45%
Reactions	Chemical Reactions	13	2006	130	23%
Conservation	Conservation of Matter and Stoichiometry	10			
Experiment	Investigation & Experimentation	6			
Total Test Items		60			

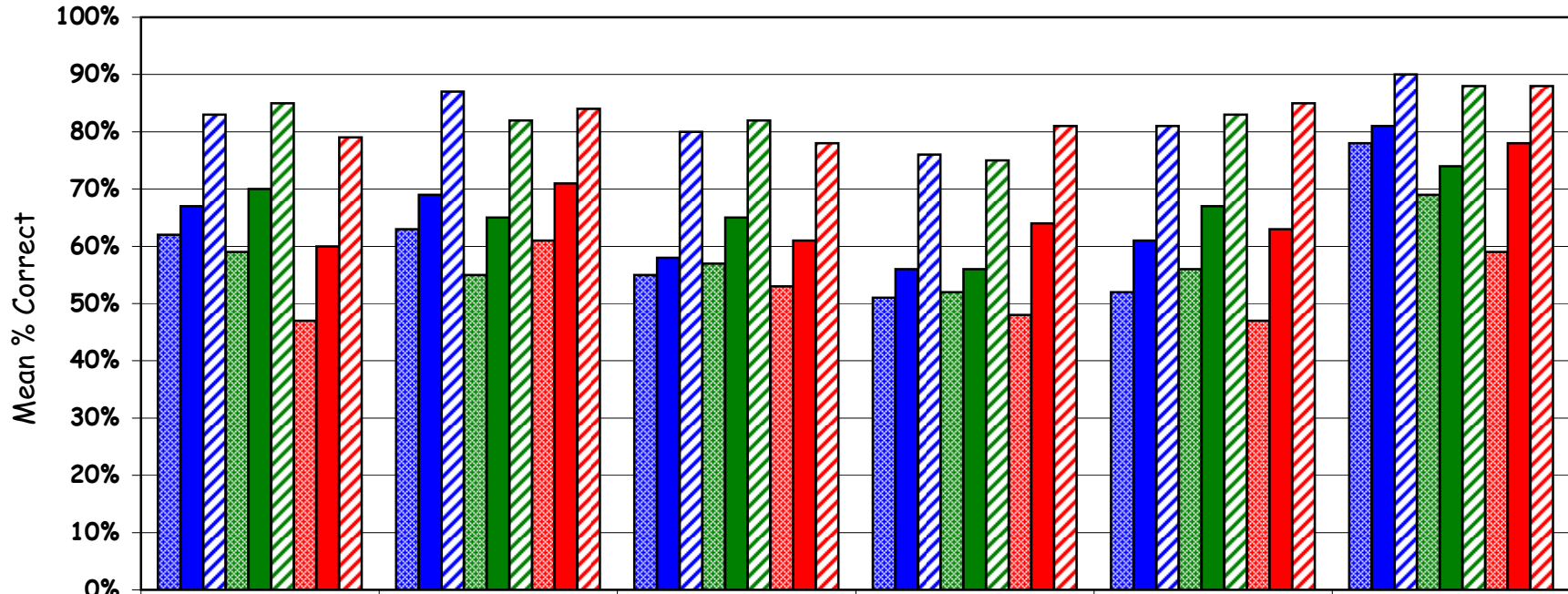
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Grade 11 - Chemistry	Structure	Bonds	Kinetics	Reactions	Conservation	E & I
NUSD '05	59%	55%	57%	52%	56%	69%
State Proficient '05*	-11%	-10%	-8%	-4%	-11%	-5%
State Advanced '05**	-26%	-27%	-25%	-23%	-27%	-19%
NUSD '06	47%	61%	53%	48%	47%	59%
State Proficient '06*	-13%	-10%	-8%	-16%	-16%	-19%
State Advanced '06**	-32%	-23%	-25%	-33%	-38%	-29%

**Science Standards Test  
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**Chemistry - Grade 11**



Science Standards Test  
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Physics - Grade 11		2004-06		# Valid	
		# Items		Scores	% Tested
Motion	Motion and Forces	12			
Energy	Conservation of Energy and Momentum	12	2004	13	2.4%
Heat	Heat and Thermodynamics	9	2005	18	3.2%
Waves	Waves	10	2006	14	2.6%
ElecMag	Electric and Magnetic Phenomena	11			
E & I	Investigation & Experimentation	6			
Total Test Items		60			

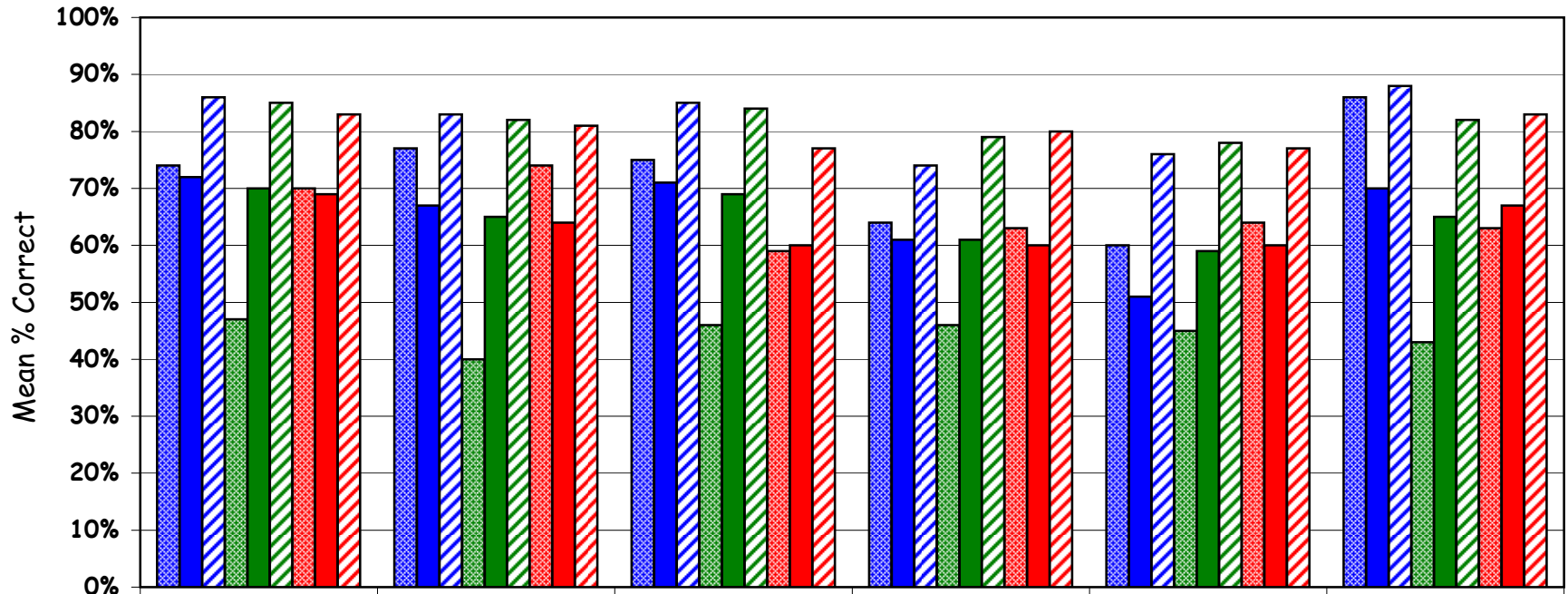
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Physics - Grade 11	<u>Motion</u>	<u>Energy</u>	<u>Heat</u>	<u>Waves</u>	<u>ElecMag</u>	<u>E &amp; I</u>
NUSD '05	47%	40%	46%	46%	45%	43%
State Proficient '05*	-23%	-25%	-23%	-15%	-14%	-22%
State Advanced '05**	-38%	-42%	-38%	-33%	-33%	-39%
NUSD '06	70%	74%	59%	63%	64%	63%
State Proficient '06*	1%	10%	-1%	3%	4%	-4%
State Advanced '06**	-13%	-7%	-18%	-17%	-13%	-20%

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*Physics - Grade 11*



**Science Standards Test**  
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<b>Earth Science - Grade 11</b>		<b>2004-06</b>	<b># Valid</b>	
		<b># Items</b>	<b>Scores</b>	<b>% Tested</b>
<b>Astronomy</b>	Astronomy & Cosmology	12	<b>2004</b>	118
<b>Earth</b>	Solid Earth	14	<b>2005</b>	89
<b>Energy</b>	The Earth's Energy	28	<b>2006</b>	123
<b>E &amp; I</b>	Investigation & Experimentation	<u>6</u>		
<b>Total Test Items</b>		<b>60</b>		

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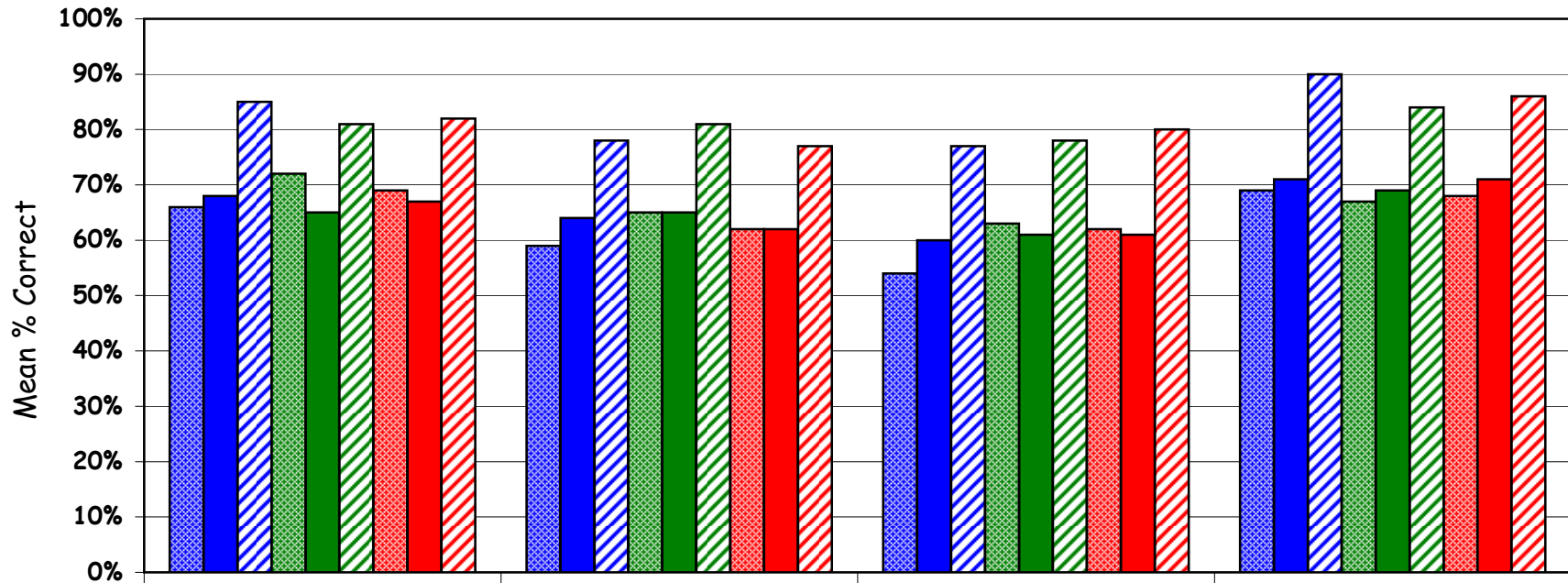
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**Earth Science**

<b>Grade 11</b>	<u><b>Astronomy</b></u>	<u><b>Earth</b></u>	<u><b>Energy</b></u>	<u><b>E &amp; I</b></u>
NUSD '05	72%	65%	63%	67%
State Proficient '05*	7%	0%	2%	-2%
State Advanced '05**	-9%	-16%	-15%	-17%
NUSD '06	69%	62%	62%	68%
State Proficient '06*	2%	0%	1%	-3%
State Advanced '06**	-13%	-15%	-18%	-18%

**Science Standards Test  
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**Earth Science - Grade 11**



	Astronomy	Earth	Energy	E & I
■ NUSD 04	66%	59%	54%	69%
■ Proficient 04	68%	64%	60%	71%
▨ Advanced 04	85%	78%	77%	90%
■ NUSD 05	72%	65%	63%	67%
■ Proficient 05	65%	65%	61%	69%
▨ Advanced 05	81%	81%	78%	84%
■ NUSD 06	69%	62%	62%	68%
■ Proficient 06	67%	62%	61%	71%
▨ Advanced 06	82%	77%	80%	86%

**Science Standards Test**  
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**Integrated Science - Grade 9-11**

		2004-06		
		<u># Items</u>		
<b>Biology</b>	Biology/Life Sciences	10		<b># Valid</b>
<b>Chemistry</b>	Chemistry	15		<b><u>Scores</u></b>
<b>Earth</b>	Earth Sciences	17	<b>2004</b>	<b>140</b>
<b>Physics</b>	Physics	12	<b>2005</b>	<b>196</b>
<b>E &amp; I</b>	Investigation & Experimentation	<u>6</u>	<b>2006</b>	<b>29</b>
<b>Total Test Items</b>		<b>60</b>		

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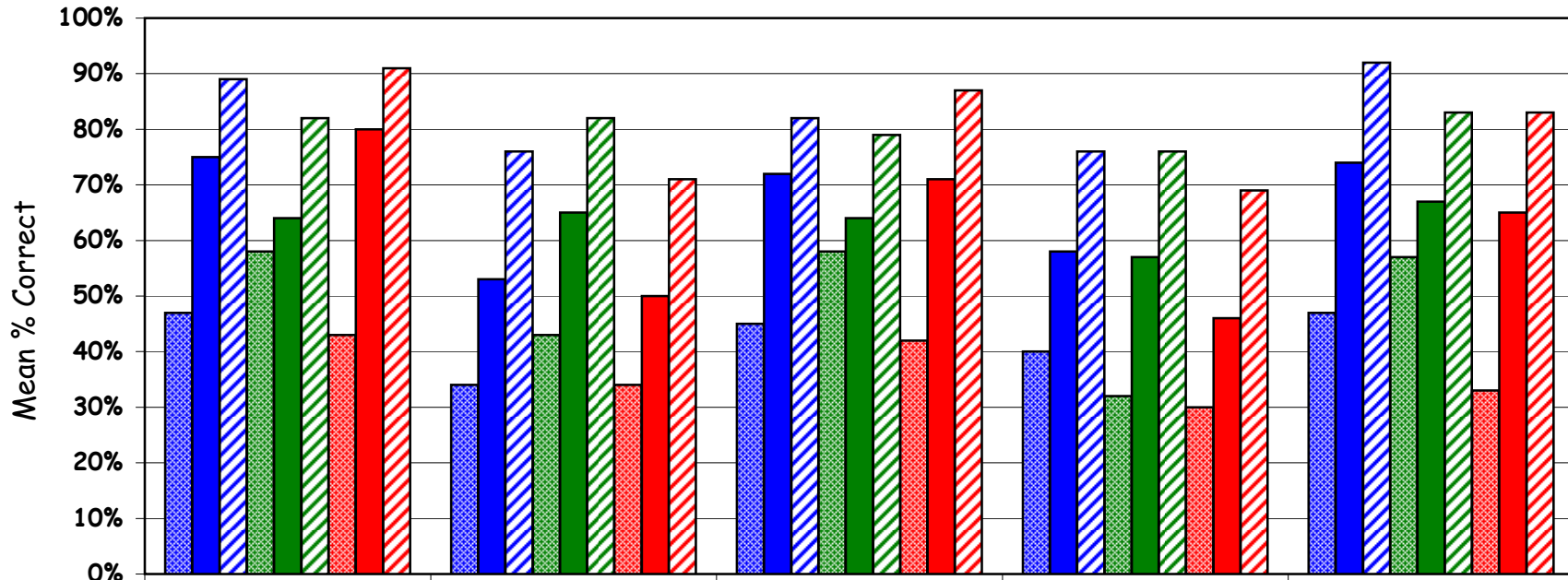
**Integrated Science**

**Grade 11**

	<u>Biology</u>	<u>Chemistry</u>	<u>Earth</u>	<u>Physics</u>	<u>E &amp; I</u>
NUSD '05	58%	43%	58%	32%	57%
State Proficient '05*	-6%	-22%	-6%	-25%	-10%
State Advanced '05**	-24%	-39%	-21%	-44%	-26%
NUSD '06	43%	34%	42%	30%	33%
State Proficient '06*	-37%	-16%	-29%	-16%	-32%
State Advanced '06**	-48%	-37%	-45%	-39%	-50%

**Science Standards Test  
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**Integrated Science I - Grades 9-11**



	Biology	Chemistry	Earth	Physics	E & I
NUSD 04	47%	34%	45%	40%	47%
Proficient 04	75%	53%	72%	58%	74%
Advanced 04	89%	76%	82%	76%	92%
NUSD 05	58%	43%	58%	32%	57%
Proficient 05	64%	65%	64%	57%	67%
Advanced 05	82%	82%	79%	76%	83%
NUSD 06	43%	34%	42%	30%	33%
Proficient 06	80%	50%	71%	46%	65%
Advanced 06	91%	71%	87%	69%	83%