

School LEON M GOLDSTEIN HIGH SCHOOL
FOR THE SCIENCES
School ID 33-22-00-01-1535
District NEW YORK CITY GEOGRAPHIC
DISTRICT #22
Principal JOSEPH ZAZA
Telephone (718) 386-8500
Grades 9-12

The New York State Report Card is an important part of the Board of Regents' effort to raise learning standards for all students. It provides information to the public on school/district enrollment and staff, student performance, and other measures of school and district performance. Knowledge gained from the report card on a school's or district's strengths and weaknesses can be used to improve instruction and services to students.

State assessments are designed to help ensure that all students reach high learning standards. They show whether students are getting the knowledge and skills they need to succeed at the elementary, middle, and commencement levels and beyond. The State requires that students who are not making appropriate progress toward the standards receive academic supports.

This report includes:

1 Profile

This section shows comprehensive data relevant to this school's or district's learning environment, including information about enrollment, attendance and suspensions, and staff.

2 Student Performance

This section shows student performance on standardized assessments at the elementary, middle, and commencement levels.

3 Student Outcomes

This section shows outcomes for graduates and noncompleters, including postgraduation plans of completers.

For more information:

Office of Information and Reporting Services New York State Education Department Room 863 EBA Albany, NY 12234 Email: dataquest@mail.nysed.gov

District NEW YORK CITY GEOGRAPHIC DISTRICT

Enrollment

	2009-10	2010-11	2011-12
Pre-K	0	0	
Kindergarten	0	0	0
Grade 1	0	0	0
Grade 2	0	0	0
Grade 3	0	0	0
Grade 4	0	0	0
Grade 5	0	0	0
Grade 6	0	0	0
Ungraded Elementary	0	0	0
Grade 7	0	0	0
Grade 8	0	0	0
Grade 9	249	240	254
Grade 10	292	258	247
Grade 11	253	275	256
Grade 12	255	256	264
Ungraded Secondary	0	0	0
Total K-12	1049	1029	1021

Enrollment Information

Enrollment counts are as of Basic Educational Data System (BEDS) day, which is typically the first Wednesday of October of the school year. Students who attend BOCES programs on a part-time basis are included in a school's and district's enrollment. Students who attend BOCES on a full-time basis or who are placed full time by the district in an out-of-district placement are not included in a school's or district's enrollment. The state public enrollment includes public school districts, charter schools, and NYSED-operated programs. Students classified by districts as "pre-first" are included in first grade counts. Kindergarten and Pre-K counts include halfand full-day students.

Average Class Size

	2009-10	2010-11	2011-12
Common Branch			
Grade 8			
English			
Mathematics			
Science			
Social Studies			
Grade 10			
English		33	32
Mathematics		32	31
Science		34	33
Social Studies		32	32

Average Class Size Information

Average Class Size is the total registration in specified classes divided by the number of those classes with registration. Common Branch refers to self-contained classes in Grades 1-6.

Demographic Factors

	200	9-10	2010-11		2011-	
	#	%	#	%	#	%
Eligible for Free Lunch	279	27%	301	29%	297	29%
Reduced Price Lunch	108	10%	99	10%	93	9%
Limited English Proficient	6	1%	2	0%	5	0%
Racial/Ethnic Origin						
American Indian or Alaska Native	0	0%	2	0%	5	0%
Black or African American	116	11%	102	10%	96	9%
Hispanic or Latino	95	9%	101	10%	110	11%
Asian or Native Hawaiian/Other Pacific Islander	122	12%	125	12%	137	13%
White	716	68%	699	68%	671	66%
Multiracial	0	0%	0	0%	2	0%

Attendance and Suspensions

	200	8-09	200	9-10	201	10-11	
	#	%	#	%	#	%	
Annual Attendance Rate		95%		95%		95%	
Student Suspensions	14	1%	14	1%	2	0%	

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Demographic Factors Information

Eligible for Free Lunch and Reduced-Price Lunch percentages are determined by dividing the number of approved lunch applicants by the Basic Educational Data System (BEDS) enrollment in full-day Kindergarten through Grade 12.

Attendance and Suspensions Information

Annual Attendance Rate is determined by dividing the school's (or district's) total actual attendance by the total possible attendance for a school year. A school's (or district's) actual attendance is the sum of the number of students in attendance on each day the school (or district's schools) was open during the school year. Possible attendance is the sum of the number of enrolled students who should have been in attendance on each day the school (or schools) was open during the school year. The state's Annual Attendance Rate is a weighted average of all district-level attendance rates.

Student Suspension rate is determined by dividing the number of students who were suspended from school (not including inschool suspensions) for one full day or longer anytime during the school year by the Basic Educational Data System (BEDS) day enrollments for that school year. A student is counted only once, regardless of whether the student was suspended one or more times during the school year.

Teacher Qualifications

	2009-10	2010-11	2011-12
Total Number of Teachers	51	47	49
Percent with No Valid Teaching Certificate	0%	2%	0%
Percent Teaching Out of Certification	6%	9%	14%
Percent with Fewer than Three Years of Experience	4%	2%	2%
Percentage with Master's Degree Plus 30 Hours or Doctorate	61%	60%	69%
Total Number of Core Classes	192	162	172
Percent Not Taught by Highly Qualified Teachers in This School*	4%	7%	10%
Percent Not Taught by Highly Qualified Teachers in This District**	4%	5%	4%
Percent Not Taught by Highly Qualified Teachers in High-Poverty Schools Statewide	6%	5%	4%
Percent Not Taught by Highly Qualified Teachers in Low-Poverty Schools Statewide	1%	0%	1%
Total Number of Classes	234	195	206
Percent Taught by Teachers Without Appropriate Certification	6%	8%	10%

^{*}Not available at the district or statewide level.

Teacher Turnover Rate

	2008-09	2009-10	2010-11
Turnover Rate of Teachers with Fewer than Five Years of Experience	17%	0%	0%
Turnover Rate of All Teachers	8%	16%	9%

Staff Counts

	2009-10	2010-11	2011-12
Total Other Professional Staff	4	3	4
Total Paraprofessionals*	N/A	N/A	N/A
Assistant Principals	3	3	3
Principals	1	1	1

^{*}Not available at the school level.

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Teacher Qualifications Information

The Percent Teaching Out of Certification for public schools is the percent doing so on more than an incidental basis; that is, the percent teaching for more than five periods per week outside certification.

Core Classes are primarily K-6 common branch, English, mathematics, science, social studies, art, music, and foreign languages. To be Highly Qualified, a teacher must have at least a Bachelor's degree, be certified to teach in the subject area or otherwise in accordance with state standards, and show subject matter competency.

In public schools, a teacher who taught one class outside of the certification area(s) is counted as Highly Qualified provided that 1) the teacher had been determined by the school or district through the HOUSSE process or other state-accepted methods to have demonstrated acceptable subject knowledge and teaching skills and 2) the class in question was not the sole assignment reported. Credit for incidental teaching does not extend beyond a single assignment. Independent of Highly Qualified Teacher status, any assignment for which a teacher did not hold a valid certificate still registers as teaching out of certification.

In charter schools, a teacher is counted as Highly Qualified if the teacher has at least a Bachelor's degree, is certified to teach, and shows subject matter competency. Enabling legislation considers charter school teachers to be certified if they hold any valid teaching certificate. Enabling legislation also permits up to 30 percent (with a maximum of five) of charter school teachers to be without certification and to be considered Highly Qualified if they meet all remaining criteria.

High-poverty and low-poverty schools are those schools in the upper and lower quartiles, respectively, for percentage of students eligible for a free or reduced-price lunch.

Teacher Turnover Rate Information

Teacher Turnover Rate for a specified school year is the number of teachers in that school year who were not teaching in the following school year divided by the number of teachers in the specified school year, expressed as a percentage.

Staff Counts Information

Other Professionals includes administrators, guidance counselors, school nurses, psychologists, and other professionals who devote more than half of their time to nonteaching duties.

^{**}Not available for charter schools or at the statewide level.

2 Student Performance

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This section contains annual assessment data for students at the elementary, middle, and commencement levels as well as the performance of secondary-level cohorts on standardized achievement assessments.

New York State Testing Program (NYSTP) Assessments

The New York State Testing Program assessments are administered in English language arts (ELA) and mathematics in grades 3 through 8. The Performance Level Descriptors for these assessments are provided below:

English Language Arts

Level 1: Below Standard

Student performance does not demonstrate an understanding of the English language arts knowledge and skills expected at this grade level.

Level 2: Meets Basic Standard

Student performance demonstrates a partial understanding of the English language arts knowledge and skills expected at this grade level.

Level 3: Meets Proficiency Standard

Student performance demonstrates an understanding of the English language arts knowledge and skills expected at this grade level.

Level 4: Exceeds Proficiency Standard

Student performance demonstrates a thorough understanding of the English language arts knowledge and skills expected at this grade level.

Mathematics

Level 1: Below Standard

Student performance does not demonstrate an understanding of the mathematics content expected at this grade level.

Level 2: Meets Basic Standard

Student performance demonstrates a partial understanding of the mathematics content expected at this grade level.

Level 3: Meets Proficiency Standard

Student performance demonstrates an understanding of the mathematics content expected at this grade level.

Level 4: Exceeds Proficiency Standard

Student performance demonstrates a thorough understanding of the mathematics content expected at this grade level.

New York State Alternate Assessment (NYSAA)

The New York State Alternate Assessments are administered in English language arts (ELA) and mathematics to ungraded students with severe cognitive disabilities whose ages are equivalent to graded students in grades 3 through 8 and secondary level. They are administered in science to students with disabilities age equivalent to graded students in grades 4, 8, and secondary level. And they are administered in social studies at the secondary level only.

New York State English as a Second Language Achievement Tests (NYSESLAT)

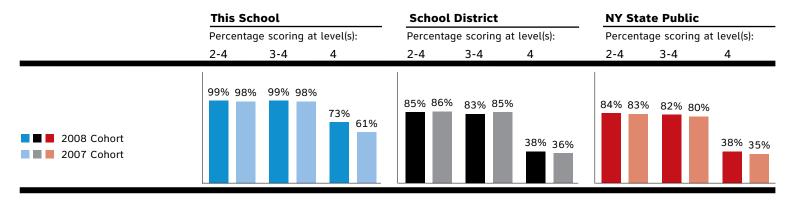
The New York State English as a Second Language Achievement Tests are administered in grades K through 12 to limited English proficient students.

Secondary-Level Cohorts

A secondary-level cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday in a particular year. The 2008 cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday between July 1, 2008 and June 30, 2009. The 2007 cohort consists of all students who first entered grade 9 anywhere or, in the case of ungraded students with disabilities, reached their seventeenth birthday between July 1, 2007 and June 30, 2008. For more detailed information on cohort definitions, see *Secondary-Level Cohort Definitions* at http://www.p12.nysed.gov/irs/sirs/.

District NEW YORK CITY GEOGRAPHIC DISTRICT #22

Total Cohort Results in Secondary-Level English Language Arts after Four Years of Instruction



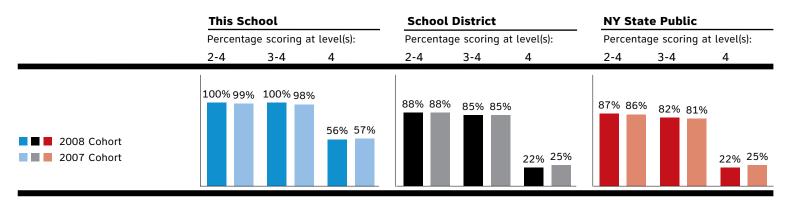
2008 Cohort 2007 Cohort Results by Number Number Percentage scoring at level(s): Percentage scoring at level(s): Student Group of Students 2-4 of Students 2-4 4 3 - 43-4 73% 99% **All Students** 267 99% 262 98% 98% 61% 171 100% 100% 77% 149 99% 99% 68% Female 96 52% 98% 98% 96% 96% Male 67% 113 American Indian or Alaska Native 27 31 96% 96% 59% 97% 97% 35% Black or African American 22 100% 100% 59% 18 94% 94% 61% Hispanic or Latino 27 34 100% 82% 96% 96% 70% 100% Asian or Native Hawaiian/Other Pacific Islander 99% 98% 99% 75% 99% 65% 184 186 Multiracial Small Group Totals 75% 252 99% 99% 248 98% 98% 65% General-Education Students Students with Disabilities 15 100% 100% 33% 14 93% 86% 0% 267 99% 99% 73% 262 98% 98% 61% **English Proficient** Limited English Proficient **Economically Disadvantaged** 96 100% 100% 75% 101 97% 97% 58% Not Disadvantaged 171 99% 99% 72% 161 99% 98% 63% Not Migrant 267 99% 99% 73% 262 98% 98% 61%

NOTES

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Total Cohort Results in Secondary-Level Mathematics after Four Years of Instruction



2008 Cohort 2007 Cohort Results by Number Number Percentage scoring at level(s): Percentage scoring at level(s): Student Group of Students 2-4 3-4 of Students 2-4 3-4 100% **57% All Students** 267 100% 56% 262 99% 98% 171 100% 100% 57% 149 98% 97% 57% Female 96 99% 99% 53% 100% 99% 57% Male 113 American Indian or Alaska Native 27 31 96% 96% 41% 97% 97% 29% Black or African American 22 100% 100% 45% 18 100% 100% 50% Hispanic or Latino 27 100% 34 100% 59% 96% 100% 56% Asian or Native Hawaiian/Other Pacific Islander 98% 100% 100% 59% 99% 62% 184 186 Multiracial Small Group Totals 60% 252 100% 100% 58% 248 100% 100% General-Education Students Students with Disabilities 15 100% 100% 13% 14 79% 71% 0% 267 100% 100% 56% 262 99% 98% 57% **English Proficient** Limited English Proficient **Economically Disadvantaged** 96 100% 100% 56% 101 99% 99% 50% Not Disadvantaged 171 99% 99% 56% 161 99% 98% 61% Not Migrant 267 100% 100% 56% 262 99% 98% 57%

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District NEW YORK CITY GEOGRAPHIC DISTRICT

2008 Total Cohort Results in Secondary-Level Global History and Geography, U.S. History and Government, and Science after Four Years of Instruction

	All Stud	lents			General	-Educatio	n Studen	ts	Students with Disabilities				
	Cohort	Percent scoring:	age of stud	dents	Cohort Enrollment	Percent scoring:	age of stu	dents	Trough Tr			ıdents	
		55-64	65-84	85-100		55-64	65-84	85-100		55-64	65-84	85-100	
Global History and Geography	267	0%	50%	49%	252	0%	48%	52%	15	0%	87%	13%	
U.S. History and Government	267	0%	9%	90%	252	0%	6%	92%	15	0%	47%	53%	
Science	267	0%	51%	48%	252	0%	50%	50%	15	7%	73%	20%	

New York State Alternate Assessments (NYSAA) 2011-12

	All Stud	All Students										
	Total Tested	Number of students scoring at Level:										
Secondary Level		1	2	3	4							
English Language Arts	0											
Mathematics	0											
Social Studies	0											
Science	0											

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District NEW YORK CITY GEOGRAPHIC DISTRICT #22

Regents Exams

		All Stu	dents			Genera	General-Education Students				Students with Disabilities				
	·	Total Tested		tage of stu at or abov		Total Tested		tage of sto at or abo		Total Tested		tage of stu			
	•		55	65	85		55	65	85		55	65	85		
Comprehensive English	2011-12	257	100%	100%	77%	236	100%	100%	80%	21	100%	95%	38%		
	2010-11	270	100%	100%	71%	256	100%	100%	73%	14	100%	100%	21%		
	2009-10	263	100%	99%	60%	249	100%	100%	64%	14	100%	86%	0%		
Integrated Algebra	2011-12	137	99%	94%	23%	112	100%	97%	26%	25	96%	80%	12%		
	2010-11	93	99%	95%	34%	71	100%	97%	37%	22	95%	86%	27%		
	2009-10	97	98%	96%	21%	83	98%	98%	22%	14	100%	86%	14%		
Geometry	2011-12	235	97%	91%	34%	211	98%	93%	35%	24	83%	67%	21%		
	2010-11	239	95%	90%	29%	218	96%	91%	31%	21	86%	81%	14%		
	2009-10	283	97%	93%	32%	267	98%	94%	33%	16	75%	69%	13%		
Algebra 2/Trigonometry	2011-12	272	82%	65%	22%	253	84%	67%	23%	19	58%	37%	16%		
	2010-11	318	77%	61%	11%	301	79%	63%	11%	17	47%	24%	12%		
	2009-10	259	77%	66%	21%	249	78%	68%	22%	10	50%	20%	0%		
Global History and Geography	2011-12	250	98%	98%	63%	221	99%	98%	66%	29	97%	93%	41%		
	2010-11	258	99%	95%	45%	242	99%	96%	47%	16	100%	75%	13%		
	2009-10	282	99%	96%	46%	267	99%	98%	48%	15	100%	73%	13%		
U.S. History and Government	2011-12	240	100%	99%	85%	225	100%	99%	88%	15	100%	100%	47%		
	2010-11	270	100%	100%	90%	254	100%	100%	93%	16	94%	94%	50%		
	2009-10	254	100%	99%	80%	242	100%	100%	83%	12	92%	83%	25%		
Living Environment	2011-12	128	99%	98%	32%	102	100%	99%	35%	26	96%	92%	19%		
	2010-11	102	100%	99%	49%	86	100%	100%	55%	16	100%	94%	19%		
	2009-10	224	100%	99%	42%	209	100%	99%	44%	15	100%	93%	13%		
Physical Setting/Earth Science	2011-12	1	-	-	-	1	-	-	-	0	-	-	-		
	2010-11	1	_	_	_	1	_	_	_	0	_	_	_		
	2009-10	2	_	-	_	2	_	-	-	0	_	-	-		
Physical Setting/Chemistry	2011-12	288	93%	77%	19%	271	94%	79%	20%	17	76%	47%	6%		
	2010-11	372	92%	75%	13%	345	92%	76%	13%	27	89%	67%	11%		
	2009-10	292	95%	83%	14%	277	94%	84%	14%	15	100%	47%	7%		
Physical Setting/Physics	2011-12	278	87%	67%	17%	273	86%	67%	17%	5	100%	100%	40%		
	2010-11	241	96%	84%	32%	234	97%	85%	32%	7	71%	43%	14%		
	2009-10	258	91%	82%	24%	253	92%	82%	25%	5	80%	60%	0%		

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Student Performance

School LEON M GOLDSTEIN HIGH SCHOOL FOR THE SCIENCES School ID 33-22-00-01-1535

District NEW YORK CITY GEOGRAPHIC DISTRICT

Regents Competency Tests

		All Stude	nts	General-Ed	lucation Students	Students with Disabilities			
		Total Tested	Percent Passing:	Total Tested	Percent Passing:	Total Tested	Percent Passing:		
Mathematics	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	0		0		0			
Science	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	1	_	0		1	_		
Reading	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	8	75%	0		8	75%		
Writing	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	0		0		0			
Global Studies	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	1	_	0		1	_		
U.S. History and Government	2011-12	0		0		0			
	2010-11	0		0		0			
	2009-10	1	_	0		1	_		

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District NEW YORK CITY GEOGRAPHIC DISTRICT

New York State English as a Second Language Achievement Test (NYSESLAT)

		All Stu	dents				General-Education Students					Students with Disabilities				
		Total Tested	Percent of in each p			-	Total Tested		of student performan		l	Total Tested	Percent of in each percent of the pe			•
			Begin.	Interm.	Adv.	Prof.		Begin.	Interm.	Adv.	Prof.		Begin.	Interm.	Adv.	Prof.
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades K-1)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades K-1)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades 2-4)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades 2-4)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades 5-6)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades 5-6)	2009-10	0					0					0				
Listening and	2011-12	0					0					0				
Speaking	2010-11	0					0					0				
(Grades 7-8)	2009-10	0					0					0				
Reading and	2011-12	0					0					0				
Writing	2010-11	0					0					0				
(Grades 7-8)		0					0					0				
Listening and	2009-10	5	0%	20%	0%	80%	5	0%	20%	0%	80%	0				
Speaking	2011-12	2	0 70	2070	-	-	2			- J	0070	0				
(Grades 9-12)		6	0%	0%	17%	83%	4			_	_	2	_	_	_	
Peading and	2009-10	5	0%	40%	20%	40%	5	0%	40%	20%	40%	0				
Reading and Writing			0 70	4070	2070	4070		0 70	4070	2070	4070					
(Grades 9-12)	2010-11	2	_				2	_	_	_	_	0				
	2009-10	6	0%	17%	17%	67%	4	_	_	_	-	2	_	-	-	_

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Student Outcomes

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District NEW YORK CITY GEOGRAPHIC DISTRICT #22

High School Completers

		All Students		General-Education Students		Students with Disabilities	
		Number of Students	Percentage of Graduates	Number of Students	Percentage of Graduates	Number of Students	Percentage of Graduates
Total Graduates	2011-12	260		243		17	
	2010-11	262		249		13	
	2009-10	251		239		12	
Receiving a Regents Diploma	2011-12 2010-11 2009-10	258 255 242	99% 97% 96%	243 248 235	100% 100% 98%	15 7 7	88% 54% 58%
Receiving a Regents Diploma with Advanced Designation	2011-12 2010-11 2009-10	182 178 193	70% 68% 77%	181 178 190	74% 71% 79%	1 0 3	6% 0% 25%
Receiving an Individualized Education Program (IEP) Diploma	2011-12 2010-11 2009-10	0 0 0		0 0 0		0 0 0	

NOTE

Students receiving Regents diplomas and Regents diplomas with advanced designation are considered graduates; recipients of IEP diplomas are not

High School Non-completers

		All Students		General-Education Students		Students with Disabilities	
		Number of Students	Percentage of Students	Number of Students	Percentage of Students	Number of Students	Percentage of Students
Dropped Out	2011-12	4	0%	3	0%	1	1%
	2010-11	10	1%	8	1%	2	3%
	2009-10	15	1%	13	1%	2	4%
Entered Approved High School Equivalency Preparation Program	2011-12	2	0%	1	0%	1	1%
	2010-11	1	0%	0	0%	1	1%
	2009-10	0	0%	0	0%	0	0%
Total Non-completers	2011-12	6	1%	4	0%	2	3%
	2010-11	11	1%	8	1%	3	4%
	2009-10	15	1%	13	1%	2	4%

Post-secondary Plans of 2011–12 Completers

	All Students		General-Education Students		Students with Disabilities	
	Number of Students	Percentage of Students	Number of Students	Percentage of Students	Number of Students	Percentage of Students
To 4-year College	0	0%	0	0%	0	0%
To 2-year College	1	0%	0	0%	1	6%
To Other Post-secondary	0	0%	0	0%	0	0%
To the Military	0	0%	0	0%	0	0%
To Employment	0	0%	0	0%	0	0%
To Adult Services	0	0%	0	0%	0	0%
To Other Known Plans	0	0%	0	0%	0	0%
Plan Unknown	259	100%	243	100%	16	94%