

December 2017

Dear Parents/Guardians:

Like a student's report card, a school's report card helps parents/guardians observe growth and achievement—as well as areas in which specific goals have yet to be reached. The Shawsheen Valley Technical High School (SVTHS) MCAS data contained in the attached report rank not only *highest* among all other high schools in the five-town district but also *among state leaders* in measures of growth. The data is presented in the following seven tables.

- **Table 1. Accountability Status: All Students and Subgroups.** SVTHS proudly remains a level-one school—ranked in the 89th percentile among all Massachusetts high schools and meeting all targets for high-needs students (91<sup>st</sup> percentile) and students with disabilities (89<sup>th</sup> percentile).
- **Table 2. A Comparison of Shawsheen and State Achievement and Growth by Test Area.** At the District level, SVTHS' ELA and Mathematics MSGP (growth) and CPI (achievement) scores were highest among the five towns. SVTHS' growth scores were among the highest in Massachusetts.
- **Table 3. A Comparison of Shawsheen and State Growth.** In the spring of 2017, SVTHS' ELA growth score was 74; in Mathematics, 65. Scores between 40-60 represent moderate growth.
- **Table 4. A Comparison of Shawsheen and State Enrollment.** These data strongly suggest the powerful effect of SVTHS' curriculum and instruction in a student population whose disabled population (24%) exceeds the state average (16%) by eight percent.
- **Table 5. A Comparison of Shawsheen and State Teachers and Classrooms.** The percent (99.4%) of highly qualified teachers among the SVTHS faculty as well as the low student-teacher ratio (10.3 to 1) further explain achievement and growth among SVTHS students.
- **Table 6. Other Important Shawsheen and State Comparisons.** These attendance, discipline, and high-school completion data speak directly to the pre-eminent student engagement fostered, in general, by vocational-technical education and, within the district, by SVTHS.
- **Table 7. Cooperative-Education Placement.** Consistent with its technical mission, SVTHS places 63% of its seniors in cooperative-education positions during the school year. Approximately half of these students pursue careers in their technical expertise immediately following graduation.

Sincerely,

Robert J. Kanellas, Ed.D., Principal  
Shawsheen Valley Technical High School



# 2017 Massachusetts School Report Card Overview SHAWSHEEN VALLEY VOCATIONAL TECHNICAL HIGH SCHOOL (08710605)

Shawsheen Valley Regional Vocational Technical Public School District (08710000)  
Robert J Kanellas, Principal  
Grades Served: 09,10,11,12

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Report cards help parents/guardians and the general public see where schools and districts are succeeding and where there is still work to do. This report card overview answers important questions about our school's performance. For the full report card containing additional data contact the school's principal or visit the Massachusetts Department of Elementary and Secondary Education's website at <http://profiles.doe.mass.edu>. For more information about report card data, visit our [Profiles Help](#) page.

**TABLE 1. ACCOUNTABILITY STATUS: ALL STUDENTS AND SUBGROUPS**

Organization Information	
District:	Shawsheen Valley Regional Vocational Technical (08710000)
School:	Shawsheen Valley Vocational Technical High School (08710605)
Region:	Northeast
School type:	High School
Grades served:	09,10,11,12
Title I status:	Title I School (TA)

Accountability Information		About the Data
<b>Accountability and Assistance Level</b>		
<b>Level 1</b>	Meeting gap narrowing goals	
This school's determination of need for special education technical assistance or intervention		
Meets Requirements (MR)		
This school's overall performance relative to other schools in same school type (School percentiles: 1-99)		
All students:		
	Lowest performing	Highest performing

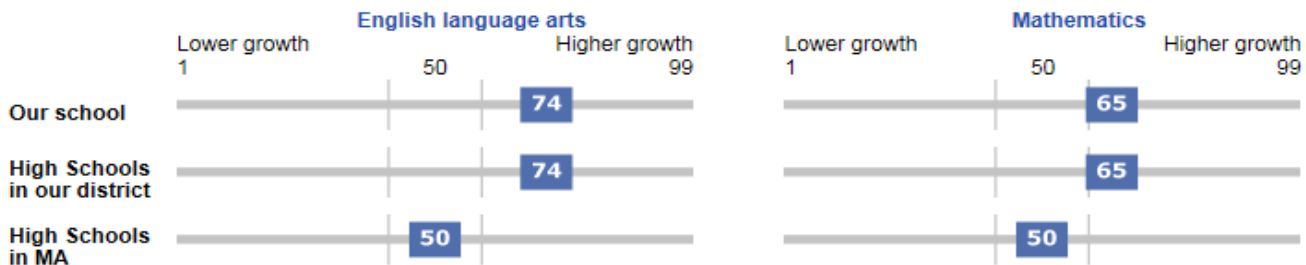
This school's progress toward narrowing proficiency gaps (Cumulative Progress and Performance Index: 1-100)			
Student Group (Click group to view subgroup data)	On Target = 75 or higher		View Detailed 2017 Data
	Less progress	More progress	
All students			93 Met Target
High needs			91 Met Target
Econ. Disadvantaged			-
ELL and Former ELL			-
Students w/disabilities			89 Met Target
Amer. Ind. or Alaska Nat.			-
Asian			-
Afr. Amer./Black			-
Hispanic/Latino			-
Multi-race, Non-Hisp./Lat.			-
Nat. Haw. or Pacif. Isl.			-
White			93 Met Target

**TABLE 2. A COMPARISON OF SHAWSHEEN AND STATE ACHIEVEMENT AND GROWTH X TEST AREA**

Grade and Subject	Proficient or Higher		Advanced		Proficient		Needs Improvement		Warning/ Failing		Included	CPI	SGP	Included in SGP
	School	State	School	State	School	State	School	State	School	State				
GRADE 10 - ENGLISH LANGUAGE ARTS	97	91	52	47	45	44	3	6	0	3	321	98.9	74.0	305
GRADE 10 - MATHEMATICS	85	79	48	53	37	26	13	14	2	8	320	93.5	65.0	305
GRADE 10 - SCIENCE AND TECH/ENG	86	74	36	32	50	42	14	21	0	5	306	95.2	N/A	N/A

**TABLE 3. A COMPARISON OF SHAWSHEEN AND STATE GROWTH<sup>1</sup>**

Transitional Student Growth Percentiles (SGPs) measure gains in student achievement from year to year. SGPs between 40 and 60 represent moderate growth. Our school's median SGPs for 2017 are below. (Note: Growth values are truncated.)



**TABLE 4. A COMPARISON OF SHAWSHEEN AND STATE ENROLLMENT<sup>1</sup>**

<u>Total enrollment</u>	Our school		Our district		Our state	
	1,336		1,336		953,748	
<u>By high needs population</u>	Our school		High Schools in our district		High Schools in MA	
	#	%	#	%	#	%
Economically disadvantaged students	175	13.1	175	13.1	67,522	26.1
Students with disabilities	321	24.0	321	24.0	41,692	16.1
English language learners	0	0.0	0	0.0	16,544	6.4

**TABLE 5. A COMPARISON OF SHAWSHEEN AND STATE TEACHERS AND CLASSROOMS<sup>1</sup>**

<u>General information</u>	Our school	High Schools in our district	High Schools in MA
Teachers (#)	129.2	129.2	20,201.3
Core academic classes taught by highly qualified teachers (%)	-	99.4	96.3
Average class size (#)	16.4	16.4	16.1
Student : teacher ratio	10.3 to 1	10.3 to 1	12.7 to 1

**TABLE 6. OTHER IMPORTANT SHAWSHEEN AND STATE COMPARISONS<sup>1</sup>**

<u>Attendance</u>	Our school	High Schools in our district	High Schools in MA
2017 Attendance rate (%)	96.7	96.7	93.2
2017 Average days absent per student (#)	5.8	5.8	11.6
2017 Chronic absenteeism rate (%)	4.3	4.3	18.7
<u>Discipline</u>	Our school	High Schools in our district	High Schools in MA
2017 In-school suspension rate (%)	6.0	6.0	3.1
2017 Out-of-school suspension rate (%)	1.2	1.2	4.2
<u>High school completion</u>	Our school	Our district	Our state
2015 5-year graduation rate (%)	98.5	98.5	89.4
2016 4-year graduation rate (%)	99.1	99.1	87.5
2016 annual dropout rate (%)	0.1	0.1	1.9
2015 graduates attending institutions of higher education* (%)	55.3	55.3	75.9

**TABLE 7. COOPERATIVE-EDUCATION PLACEMENTS X SHOP AND GRADE, JUNE 2017**

	Grade 11	Grade 12		Grade 11	Grade 12
Auto Collision Repair/Refinishing	1	7	Health Assisting	0	15
Automotive Technology	9	16	Heating, Ventilation, AC , Refrigeration	14	14
Business/Marketing	7	16	Information, Computer, Internet, Web	8	11
Carpentry	0	15	Machine Tool Technology	4	11
Cosmetology	0	14	Masonry and Tile Setting	1	7
Culinary Arts	3	2	Medical Assisting	6	5
Dental Assisting	4	8	Metal Fabrication/Joining Technologies	2	7
Design and Visual Communication	0	3	Plumbing	11	18
Drafting	5	7			
Electricity	7	17			
Electronics/Robotics	0	3			
Graphic Communications	1	7			
			TOTAL	83	203
			PERCENT OF CLASS	24%	63%

<sup>1</sup>Data for “Our school” and “High Schools in our district” are identical because Shaw sheen Valley Technical High School is the only regional vocational-technical high school in the Shaw sheen Valley Regional Vocaitonal Technical High School District..

