

## FSU SOE Michigan Test for Teacher Certification Three-Year Pass Rates by Licensure Area

Licensure Area	August 2013-July 2016						August 2014-July 2017						August 2015-July 2018					
	N	Initial		Cumulative			N	Initial		Cumulative			N	Initial		Cumulative		
		N Pass	% Pass	N Pass	% Pass	State Avg %		N Pass	% Pass	N Pass	% Pass	State Avg %		N Pass	% Pass	N Pass	% Pass	State Avg %
Autism Spectrum Disorder	12	11	91.7	11	91.7	96.5	9	8	88.9	8	88.9	98.2	7	5	71.4	5	71.4	96.3
Biology	7	5	71.4	5	71.4	90.0	6	2	33.3	3	50.0	92.2	7	3	42.9	6	85.7	91.1
Bus/Mgmt/Marketing/Tech	6	5	83.3	5	83.3	82.8	4	3	75.0	3	75.0	85.7	1	1	100.0	1	100.0	84.0
Chemistry	4	1	25.0	2	50.0	85.2	5	1	20.0	4	80.0	86.5	4	1	25.0	4	100.0	83.6
Cognitive Impairment	7	6	85.7	6	85.7	87.3	6	5	83.3	5	83.3	89.4	4	3	75.0	3	75.0	90.5
Communication (Sec.)	1	1	100.0	1	100.0	80.0	1	1	100.0	1	100.0	**	1	1	100.0	1	100.0	**
Early Childhood (Gen/Sp)	31	26	83.9	29	93.5	80.7	25	20	80.0	21	84.0	82.4	28	23	82.1	25	89.3	81.6
Elementary Education	127	98	77.2	113	89.0	89.6	125	99	79.2	114	91.2	92.0	140	97	69.3	120	85.7	92.6
Emotional Impairment	4	2	50.0	3	75.0	89.9	6	3	50.0	6	3.0	50.0	4	66.7	75.0	3	75.0	94.3
English	14	11	78.6	11	78.6	89.9	20	18	90.0	18	90.0	90.9	18	18	100.0	18	100.0	90.9
History	8	5	62.5	7	87.5	67.5	5	4	80.0	4	5.0	100.0	2	1	50.0	1	50.0	67.1
Integrated Science (Elem.)	33	18	54.5	24	72.7	76.9	29	20	69.0	23	79.3	78.1	14	12	85.7	13	92.9	80.2
Language Arts (Elem.)	36	25	69.4	27	75.0	82.3	33	26	78.8	28	84.8	83.4	30	26	86.7	27	90.0	85.3
Learning Disabilities	13	10	76.9	12	92.3	94.6	10	8	80.0	9	90.0	94.6	7	6	85.7	6	85.7	96.5
Marketing Education	3	3	100.0	3	100.0	83.3	1	1	100.0	1	100.0	**	1	1	100.0	1	100.0	**
Mathematics (Elementary)	26	18	69.2	21	80.8	87.8	24	15	62.5	18	75.0	89.1	20	13	65.0	14	70.0	89.2
Physical Education	7	4	57.1	5	71.4	87.9	7	5	71.4	6	85.7	90.3	5	3	60.0	4	80.0	91.0
Mathematics (Secondary)	16	15	93.8	16	100.0	96.5	17	16	94.1	17	100.0	96.0	17	13	76.5	17	100.0	95.3
Physics	2	1	50.0	1	50.0	88.2	2	1	50.0	1	50.0	88.2	1	0	0.0	1	100.0	88.1
Political Science	0	**	**	**	**	54.4	1	0	0.0	0	0.0	56.9	1	0	0.0	1	100.0	48.2
Reading	1	0	0.0	0	0.0	84.5	0	**	**	**	**	88.4	0	**	**	**	**	91.7
Reading Specialist	1	1	100.0	1	100.0	90.0	0	**	**	**	**	90.6	0	**	**	**	**	91.0
Spanish	3	1	33.3	1	33.3	91.3	4	2	50.0	2	50.0	91.7	3	2	66.7	2	66.7	92.6
Speech	1	1	100.0	1	100.0	100.0	1	1	100.0	1	100.0	100.0	0	**	**	**	**	98.5
Social Studies (Elem.)	4	1	25.0	1	25.0	58.3	3	1	33.3	1	33.3	62.7	1	0	0.0	0	0.0	90.3
Social Studies (Sec.)	34	19	55.9	29	85.3	89.2	21	11	52.4	19	90.5	86.9	15	6	40.0	11	73.3	90.3
<b>Total</b>	<b>401</b>	<b>288</b>	<b>73.2</b>	<b>335</b>	<b>84.5</b>	<b>86.8</b>	<b>365</b>	<b>271</b>	<b>75.4</b>	<b>313</b>	<b>86.3</b>	<b>88.5</b>	<b>331</b>	<b>301.7</b>	<b>72.9</b>	<b>284</b>	<b>86.0</b>	<b>89.4</b>