

# Teacher Supply and Demand Reports

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New York State

2009-10



- Statewide Reports
  - Subject Summaries
  - Regional Summaries
  - Bilingual-ESOL Reports
  - Reports Showing Shortages --- Internal Use Only
  - Crosswalk Between Certificates and Assignments
- 
- NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Asgmnmt		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>2%</b>	<b>36,497</b>	<b>26,431</b>	<b>5.2</b>
Arts (Visual, Music, Dance, Theatre)	13,910	13,581	98%	320	2%	1,310	1,238	3.9
Career & Technical Education (CTE)	7,871	7,398	94%	207	3%	580	525	2.5
Elementary & Early Childhood	72,591	71,289	98%	998	1%	13,443	9,424	9.4
English (Mid/Sec)	12,047	11,720	97%	249	2%	1,668	1,408	5.7
ESOL (All Grades, Reg. & Sp Ed)	4,764	4,559	96%	104	2%	605	519	5.0
Languages Other Than English (LOTE)	7,323	6,983	95%	234	3%	774	625	2.7
Library Media & Ed. Technology Specialists	3,002	2,830	94%	60	2%	196	180	3.0
Mathematics (Mid/Sec)	11,827	11,596	98%	280	2%	1,550	1,292	4.6
Health Education	1,871	1,612	86%	35	2%	312	252	7.2
Physical Education	9,788	9,675	99%	183	2%	939	864	4.7
Reading & Literacy	2,840	2,758	97%	32	1%	1,150	867	26.7
Science (Mid/Sec)	12,295	11,502	94%	407	3%	1,518	1,162	2.9
Social Studies (Mid/Sec)	11,336	11,089	98%	190	2%	1,748	1,495	7.8
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	6,297	6,194	98%	194	3%	1,041	984	5.1
Sp Ed Early Childhood & Elementary	18,867	18,435	98%	774	4%	7,139	3,943	5.1
Sp Ed Middle/Secondary	16,758	15,974	95%	551	3%	1,682	1,152	2.1
Bilingual 7-12 FTEs, Reg & Sp Ed	128	102	80%	1	1%			
Academic Intervention Services (AIS) FTEs	6,678	6,147	92%	173	3%			
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	1,990	1,944	98%	92	5%			
Generalist Middle Childhood Ed Certification		0		0		442	243	
Bilingual Ed Exts (issued to new teachers)		0		0		400	261	

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Arts (Visual, Music, Dance, Theatre)</b>	<b>13,910</b>	<b>13,581</b>	<b>98%</b>	<b>320</b>	<b>2%</b>	<b>1,310</b>	<b>1,238</b>	<b>3.9</b>
Capital	966	955	99%	29	3%	89	85	3.0
Central	819	813	99%	20	2%	86	82	4.0
Finger Lakes	1,244	1,233	99%	23	2%	128	122	5.2
Hudson Valley	2,118	2,095	99%	46	2%	168	159	3.5
Long Island	3,011	2,991	99%	57	2%	281	269	4.7
Mohawk Valley	481	476	99%	20	4%	54	52	2.7
New York City	2,858	2,631	92%	55	2%	278	257	4.7
North Country	412	404	98%	17	4%	44	41	2.4
Southern Tier	687	682	99%	27	4%	50	46	1.7
Western	1,314	1,298	99%	27	2%	133	125	4.7
<b>Career &amp; Technical Education (CTE)</b>	<b>7,871</b>	<b>7,398</b>	<b>94%</b>	<b>207</b>	<b>3%</b>	<b>580</b>	<b>525</b>	<b>2.5</b>
Capital	724	697	96%	15	2%	52	46	3.2
Central	544	513	94%	17	3%	34	34	2.0
Finger Lakes	858	818	95%	20	2%	51	50	2.5
Hudson Valley	1,041	976	94%	27	3%	68	56	2.1
Long Island	1,545	1,510	98%	44	3%	150	134	3.0
Mohawk Valley	335	322	96%	15	4%	24	22	1.5
New York City	990	808	82%	21	2%	72	64	3.1
North Country	398	372	93%	16	4%	33	30	1.9
Southern Tier	486	461	95%	14	3%	20	19	1.4
Western	950	921	97%	19	2%	75	70	3.6

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Elementary &amp; Early Childhood</b>	<b>72,591</b>	<b>71,289</b>	<b>98%</b>	<b>998</b>	<b>1%</b>	<b>13,443</b>	<b>9,424</b>	<b>9.4</b>
Capital	4,050	4,018	99%	83	2%	713	557	6.7
Central	3,200	3,189	100%	61	2%	574	412	6.7
Finger Lakes	4,782	4,737	99%	67	1%	836	529	7.9
Hudson Valley	8,597	8,563	100%	71	1%	1,759	1,287	18.2
Long Island	11,469	11,443	100%	109	1%	2,936	1,956	18.0
Mohawk Valley	2,025	2,013	99%	37	2%	295	230	6.2
New York City	28,333	27,244	96%	378	1%	4,167	2,923	7.7
North Country	1,875	1,866	100%	43	2%	390	311	7.2
Southern Tier	2,680	2,668	100%	52	2%	411	297	5.8
Western	5,581	5,548	99%	96	2%	1,363	922	9.6
<b>English (Mid/Sec)</b>	<b>12,047</b>	<b>11,720</b>	<b>97%</b>	<b>249</b>	<b>2%</b>	<b>1,668</b>	<b>1,408</b>	<b>5.7</b>
Capital	735	729	99%	11	2%	109	95	8.4
Central	601	599	100%	19	3%	75	68	3.5
Finger Lakes	894	878	98%	24	3%	122	83	3.4
Hudson Valley	1,621	1,608	99%	18	1%	253	216	11.9
Long Island	2,068	2,062	100%	30	1%	344	299	9.9
Mohawk Valley	350	347	99%	8	2%	34	29	3.8
New York City	4,017	3,753	93%	84	2%	439	389	4.6
North Country	313	310	99%	11	4%	47	39	3.5
Southern Tier	464	458	99%	17	4%	60	50	2.9
Western	982	975	99%	25	3%	185	141	5.5

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2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	<b>4,764</b>	<b>4,559</b>	<b>96%</b>	<b>104</b>	<b>2%</b>	<b>605</b>	<b>519</b>	<b>5.0</b>
Capital	105	104	98%	3	3%	20	18	6.6
Central	92	88	95%	7	8%	16	13	1.9
Finger Lakes	229	221	96%	12	5%	22	20	1.6
Hudson Valley	580	577	100%	10	2%	76	70	7.3
Long Island	813	807	99%	20	3%	131	115	5.6
Mohawk Valley	59	59	99%	2	3%	8	7	3.3
New York City	2,658	2,493	94%	41	2%	298	247	6.0
North Country	14	12	86%	1	7%	4	4	4.4
Southern Tier	54	49	89%	1	2%	10	9	9.3
Western	158	150	95%	7	4%	21	15	2.2
<b>Languages Other Than English (LOTE)</b>	<b>7,323</b>	<b>6,983</b>	<b>95%</b>	<b>234</b>	<b>3%</b>	<b>774</b>	<b>625</b>	<b>2.7</b>
Capital	515	504	98%	17	3%	56	50	2.9
Central	380	368	97%	12	3%	45	41	3.3
Finger Lakes	561	544	97%	15	3%	64	42	2.8
Hudson Valley	1,209	1,180	98%	34	3%	107	86	2.5
Long Island	1,656	1,630	98%	44	3%	195	149	3.4
Mohawk Valley	212	199	94%	12	6%	20	17	1.4
New York City	1,643	1,458	89%	66	4%	188	161	2.4
North Country	211	199	94%	5	2%	25	18	3.7
Southern Tier	295	284	96%	8	3%	23	20	2.4
Western	642	617	96%	20	3%	51	41	2.0

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Library Media &amp; Ed. Technology Specialists</b>	<b>3,002</b>	<b>2,830</b>	<b>94%</b>	<b>60</b>	<b>2%</b>	<b>196</b>	<b>180</b>	<b>3.0</b>
Capital	239	234	98%	5	2%	22	20	4.5
Central	199	196	98%	4	2%	16	15	3.9
Finger Lakes	278	272	98%	9	3%	22	22	2.4
Hudson Valley	476	464	97%	10	2%	35	31	3.2
Long Island	651	646	99%	9	1%	35	31	3.5
Mohawk Valley	124	122	98%	6	5%	7	7	1.2
New York City	487	371	76%	5	1%	19	18	4.0
North Country	107	100	94%	6	5%	15	13	2.3
Southern Tier	162	153	95%	2	1%	11	9	5.8
Western	279	272	98%	7	2%	15	14	2.1
<b>Mathematics (Mid/Sec)</b>	<b>11,827</b>	<b>11,596</b>	<b>98%</b>	<b>280</b>	<b>2%</b>	<b>1,550</b>	<b>1,292</b>	<b>4.6</b>
Capital	723	719	99%	16	2%	84	68	4.2
Central	567	563	99%	18	3%	53	45	2.5
Finger Lakes	862	845	98%	14	2%	117	83	6.0
Hudson Valley	1,553	1,547	100%	36	2%	226	188	5.2
Long Island	2,040	2,033	100%	34	2%	345	306	8.9
Mohawk Valley	327	324	99%	12	4%	47	34	2.8
New York City	4,025	3,849	96%	117	3%	416	379	3.2
North Country	314	311	99%	4	1%	30	21	6.0
Southern Tier	455	450	99%	12	3%	64	56	4.6
Western	961	956	99%	16	2%	167	112	6.8

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Health Education</b>	<b>1,871</b>	<b>1,612</b>	<b>86%</b>	<b>35</b>	<b>2%</b>	<b>312</b>	<b>252</b>	<b>7.2</b>
Capital	126	124	98%	1	1%	31	29	22.9
Central	119	114	96%	1	1%	17	16	15.9
Finger Lakes	166	159	95%	8	5%	28	23	2.9
Hudson Valley	293	275	94%	6	2%	35	28	4.4
Long Island	412	398	97%	5	1%	92	73	13.7
Mohawk Valley	61	57	94%	2	3%	7	5	2.9
New York City	363	178	49%	5	1%	16	15	2.9
North Country	62	59	95%	1	1%	6	5	8.4
Southern Tier	93	88	94%	2	2%	15	12	7.4
Western	175	162	92%	4	2%	64	45	11.6
<b>Physical Education</b>	<b>9,788</b>	<b>9,675</b>	<b>99%</b>	<b>183</b>	<b>2%</b>	<b>939</b>	<b>864</b>	<b>4.7</b>
Capital	684	679	99%	16	2%	71	67	4.2
Central	550	547	99%	8	2%	57	55	6.5
Finger Lakes	880	876	100%	17	2%	88	84	5.0
Hudson Valley	1,403	1,399	100%	23	2%	144	129	5.6
Long Island	1,841	1,834	100%	25	1%	261	242	9.7
Mohawk Valley	317	316	100%	7	2%	29	28	4.0
New York City	2,461	2,379	97%	40	2%	111	106	2.7
North Country	297	296	100%	15	5%	28	26	1.7
Southern Tier	485	483	99%	9	2%	46	43	5.0
Western	870	866	100%	23	3%	104	83	3.7

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Reading &amp; Literacy</b>	<b>2,840</b>	<b>2,758</b>	<b>97%</b>	<b>32</b>	<b>1%</b>	<b>1,150</b>	<b>867</b>	<b>26.7</b>
Capital	252	244	97%	6	2%	172	128	21.4
Central	114	111	98%	1	1%	66	57	47.7
Finger Lakes	205	201	98%	1	1%	138	101	74.2
Hudson Valley	460	453	99%	1	0%	159	113	98.5
Long Island	818	809	99%	7	1%	216	168	25.9
Mohawk Valley	109	104	96%	1	1%	34	26	22.9
New York City	242	221	92%	0	0%	126	87	
North Country	134	129	97%	5	4%	54	41	8.1
Southern Tier	164	161	98%	3	2%	45	36	12.5
Western	343	324	94%	7	2%	140	110	15.3
<b>Science (Mid/Sec)</b>	<b>12,295</b>	<b>11,502</b>	<b>94%</b>	<b>407</b>	<b>3%</b>	<b>1,518</b>	<b>1,162</b>	<b>2.9</b>
Capital	801	784	98%	15	2%	89	68	4.6
Central	632	612	97%	14	2%	63	50	3.6
Finger Lakes	975	947	97%	30	3%	143	92	3.1
Hudson Valley	1,770	1,718	97%	35	2%	200	165	4.8
Long Island	2,475	2,435	98%	63	3%	367	250	4.0
Mohawk Valley	385	365	95%	12	3%	40	30	2.5
New York City	3,356	2,817	84%	188	6%	372	333	1.8
North Country	344	323	94%	9	3%	39	35	3.8
Southern Tier	503	482	96%	19	4%	40	30	1.6
Western	1,054	1,020	97%	22	2%	166	108	5.0

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Social Studies (Mid/Sec)</b>	<b>11,336</b>	<b>11,089</b>	<b>98%</b>	<b>190</b>	<b>2%</b>	<b>1,748</b>	<b>1,495</b>	<b>7.8</b>
Capital	705	701	99%	18	3%	119	110	6.1
Central	573	571	100%	11	2%	92	79	7.2
Finger Lakes	878	869	99%	13	1%	167	120	9.5
Hudson Valley	1,578	1,565	99%	22	1%	278	239	10.9
Long Island	2,062	2,055	100%	25	1%	455	400	15.9
Mohawk Valley	347	345	100%	7	2%	45	40	6.1
New York City	3,455	3,255	94%	66	2%	282	267	4.1
North Country	319	317	99%	4	1%	60	47	11.0
Southern Tier	464	461	99%	13	3%	71	63	4.8
Western	955	950	100%	12	1%	179	129	10.7
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp Ed)</b>	<b>6,297</b>	<b>6,194</b>	<b>98%</b>	<b>194</b>	<b>3%</b>	<b>1,041</b>	<b>984</b>	<b>5.1</b>
Capital	376	368	98%	0	0%	38	36	
Central	340	337	99%	3	1%	33	33	10.9
Finger Lakes	591	575	97%	7	1%	66	62	8.7
Hudson Valley	817	799	98%	16	2%	126	122	7.9
Long Island	1,273	1,257	99%	16	1%	205	195	12.2
Mohawk Valley	149	143	96%	2	1%	9	9	4.4
New York City	1,812	1,792	99%	132	7%	439	407	3.1
North Country	192	189	98%	2	1%	26	26	14.4
Southern Tier	219	215	98%	8	4%	28	28	3.5
Western	528	520	98%	9	2%	71	67	7.6

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Sp Ed Early Childhood &amp; Elementary</b>	<b>18,867</b>	<b>18,435</b>	<b>98%</b>	<b>774</b>	<b>4%</b>	<b>7,139</b>	<b>3,943</b>	<b>5.1</b>
Capital	918	914	100%	31	3%	275	159	5.2
Central	756	750	99%	18	2%	260	137	7.7
Finger Lakes	1,197	1,185	99%	37	3%	544	296	8.0
Hudson Valley	2,205	2,192	99%	34	2%	858	485	14.2
Long Island	2,785	2,777	100%	43	2%	1,722	863	20.1
Mohawk Valley	413	409	99%	15	4%	96	56	3.8
New York City	8,310	7,934	95%	520	6%	2,647	1,533	2.9
North Country	382	381	100%	12	3%	104	57	4.7
Southern Tier	630	627	100%	30	5%	129	75	2.5
Western	1,271	1,265	100%	34	3%	503	281	8.2
<b>Sp Ed Middle/Secondary</b>	<b>16,758</b>	<b>15,974</b>	<b>95%</b>	<b>551</b>	<b>3%</b>	<b>1,682</b>	<b>1,152</b>	<b>2.1</b>
Capital	1,035	1,025	99%	10	1%	47	30	3.1
Central	703	692	98%	15	2%	82	48	3.1
Finger Lakes	1,467	1,439	98%	50	3%	202	106	2.1
Hudson Valley	2,451	2,416	99%	32	1%	205	144	4.5
Long Island	2,948	2,922	99%	40	1%	297	189	4.7
Mohawk Valley	453	444	98%	11	2%	22	12	1.1
New York City	5,111	4,500	88%	345	7%	653	514	1.5
North Country	440	431	98%	10	2%	30	19	1.9
Southern Tier	746	720	96%	19	2%	36	23	1.2
Western	1,402	1,385	99%	19	1%	108	67	3.5

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2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	<b>128</b>	<b>102</b>	<b>80%</b>	<b>1</b>	<b>1%</b>			
Finger Lakes	6	4	65%	1	21%			
Hudson Valley	14	13	96%	0	0%			
Long Island	8	5	60%	0	1%			
Mohawk Valley	0	0	100%	0	0%			
New York City	91	73	80%	0	0%			
Western	9	7	79%	0	0%			
<b>Academic Intervention Services (AIS) FTEs</b>	<b>6,678</b>	<b>6,147</b>	<b>92%</b>	<b>173</b>	<b>3%</b>			
Capital	618	592	96%	10	2%			
Central	474	460	97%	12	3%			
Finger Lakes	756	708	94%	24	3%			
Hudson Valley	920	846	92%	20	2%			
Long Island	997	975	98%	15	2%			
Mohawk Valley	380	357	94%	16	4%			
New York City	1,116	867	78%	22	2%			
North Country	298	276	92%	14	5%			
Southern Tier	451	435	96%	17	4%			
Western	668	631	94%	23	4%			

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates	
		#	%			Count	FTE*
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	<b>1,990</b>	<b>1,944</b>	<b>98%</b>	<b>92</b>	<b>5%</b>		
Capital	103	102	99%	5	5%		
Central	71	71	99%	1	2%		
Finger Lakes	235	234	100%	2	1%		
Hudson Valley	200	199	99%	5	3%		
Long Island	319	316	99%	41	13%		
Mohawk Valley	57	57	100%	0	1%		
New York City	646	610	94%	24	4%		
North Country	84	83	100%	3	3%		
Southern Tier	120	119	99%	3	3%		
Western	155	153	99%	5	4%		
<b>Generalist Middle Childhood Ed Certification</b>		<b>0</b>		<b>0</b>		<b>442</b>	<b>243</b>
Capital		0		0		7	2
Central		0		0		31	11
Finger Lakes		0		0		25	9
Hudson Valley		0		0		37	20
Long Island		0		0		75	38
Mohawk Valley		0		0		7	4
New York City		0		0		243	146
North Country		0		0		2	1
Southern Tier		0		0		9	6
Western		0		0		6	5

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>Bilingual Ed Exts (issued to new teachers)</b>		<b>0</b>		<b>0</b>		<b>400</b>	<b>261</b>	
Capital		0		0				
Central		0		0		0	0	
Finger Lakes		0		0		2	1	
Hudson Valley		0		0		25	15	
Long Island		0		0		47	35	
Mohawk Valley		0		0		1	1	
New York City		0		0		322	207	
North Country		0		0				
Southern Tier		0		0		1	0	
Western		0		0		2	2	

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Region

2009-010

Assignment	FTE Teachers	Certified in Asgnmnt		New Hires	Turnover Rate	Initial Certificates		
		#	%			Count	FTE*	FTE*/New Hire
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>2%</b>	<b>36,497</b>	<b>26,431</b>	<b>5.2</b>
Capital	13,675	13,493	99%	290	2%	1,994	1,568	5.4
Central	10,734	10,593	99%	244	2%	1,601	1,195	4.9
Finger Lakes	17,064	16,744	98%	374	2%	2,765	1,845	4.9
Hudson Valley	29,306	28,886	99%	445	2%	4,760	3,552	8.0
Long Island	39,191	38,906	99%	627	2%	8,154	5,711	9.1
Mohawk Valley	6,583	6,461	98%	184	3%	778	610	3.3
New York City	71,974	67,234	93%	2,110	3%	11,087	8,053	3.8
North Country	6,197	6,058	98%	179	3%	936	736	4.1
Southern Tier	9,160	8,993	98%	256	3%	1,068	822	3.2
Western	18,298	18,020	98%	377	2%	3,355	2,338	6.2

**FTE:** Full-time equivalent certificates/individuals -- individuals receiving multiple certificates counted as 1/# received for each certificate received..

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Capital	13,675	13,493	99%	290	2%	1,355	1,781	4.7	6.1
Arts (Visual, Music, Dance, Theatre)	966	955	99%	29	3%	83	87	2.9	3.1
Career & Technical Education (CTE)	724	697	96%	15	2%	43	49	3.0	3.4
Elementary & Early Childhood	4,050	4,018	99%	83	2%	480	635	5.8	7.7
English (Mid/Sec)	735	729	99%	11	2%	87	102	7.8	9.0
ESOL (All Grades, Reg. & Sp Ed)	105	104	98%	3	3%	18	19	6.3	6.8
Languages Other Than English (LOTE)	515	504	98%	17	3%	47	53	2.8	3.1
Library Media & Ed. Technology Specialists	239	234	98%	5	2%	19	21	4.2	4.7
Mathematics (Mid/Sec)	723	719	99%	16	2%	60	76	3.7	4.7
Health Education	126	124	98%	1	1%	27	30	21.8	24.0
Physical Education	684	679	99%	16	2%	65	69	4.0	4.3
Reading & Literacy	252	244	97%	6	2%	106	150	17.7	25.0
Science (Mid/Sec)	801	784	98%	15	2%	57	78	3.8	5.3
Social Studies (Mid/Sec)	705	701	99%	18	3%	106	114	5.9	6.3
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	376	368	98%	0	0%	35	37		
Sp Ed Early Childhood & Elementary	918	914	100%	31	3%	102	217	3.3	7.0
Sp Ed Middle/Secondary	1,035	1,025	99%	10	1%	21	38	2.2	4.0
Academic Intervention Services (AIS) FTEs	618	592	96%	10	2%				
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	103	102	99%	5	5%				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Generalist Middle Childhood Ed Certification		0		0		-1		5	
Bilingual Ed Exts (issued to new teachers)		0		0					

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Central	10,734	10,593	99%	244	2%	992	1,398	4.1	5.7
<b>Arts (Visual, Music, Dance, Theatre)</b>	<b>819</b>	<b>813</b>	<b>99%</b>	<b>20</b>	<b>2%</b>	<b>80</b>	<b>84</b>	<b>3.9</b>	<b>4.1</b>
<b>Career &amp; Technical Education (CTE)</b>	<b>544</b>	<b>513</b>	<b>94%</b>	<b>17</b>	<b>3%</b>	<b>33</b>	<b>34</b>	<b>2.0</b>	<b>2.0</b>
<b>Elementary &amp; Early Childhood</b>	<b>3,200</b>	<b>3,189</b>	<b>100%</b>	<b>61</b>	<b>2%</b>	<b>330</b>	<b>493</b>	<b>5.4</b>	<b>8.1</b>
<b>English (Mid/Sec)</b>	<b>601</b>	<b>599</b>	<b>100%</b>	<b>19</b>	<b>3%</b>	<b>64</b>	<b>71</b>	<b>3.3</b>	<b>3.7</b>
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	<b>92</b>	<b>88</b>	<b>95%</b>	<b>7</b>	<b>8%</b>	<b>12</b>	<b>14</b>	<b>1.7</b>	<b>2.0</b>
<b>Languages Other Than English (LOTE)</b>	<b>380</b>	<b>368</b>	<b>97%</b>	<b>12</b>	<b>3%</b>	<b>39</b>	<b>43</b>	<b>3.2</b>	<b>3.5</b>
<b>Library Media &amp; Ed. Technology Specialists</b>	<b>199</b>	<b>196</b>	<b>98%</b>	<b>4</b>	<b>2%</b>	<b>15</b>	<b>16</b>	<b>3.8</b>	<b>3.9</b>
<b>Mathematics (Mid/Sec)</b>	<b>567</b>	<b>563</b>	<b>99%</b>	<b>18</b>	<b>3%</b>	<b>41</b>	<b>49</b>	<b>2.3</b>	<b>2.7</b>
<b>Health Education</b>	<b>119</b>	<b>114</b>	<b>96%</b>	<b>1</b>	<b>1%</b>	<b>16</b>	<b>16</b>	<b>15.5</b>	<b>16.3</b>
<b>Physical Education</b>	<b>550</b>	<b>547</b>	<b>99%</b>	<b>8</b>	<b>2%</b>	<b>54</b>	<b>56</b>	<b>6.4</b>	<b>6.6</b>
<b>Reading &amp; Literacy</b>	<b>114</b>	<b>111</b>	<b>98%</b>	<b>1</b>	<b>1%</b>	<b>53</b>	<b>62</b>	<b>43.8</b>	<b>51.5</b>
<b>Science (Mid/Sec)</b>	<b>632</b>	<b>612</b>	<b>97%</b>	<b>14</b>	<b>2%</b>	<b>44</b>	<b>57</b>	<b>3.1</b>	<b>4.0</b>
<b>Social Studies (Mid/Sec)</b>	<b>573</b>	<b>571</b>	<b>100%</b>	<b>11</b>	<b>2%</b>	<b>73</b>	<b>86</b>	<b>6.6</b>	<b>7.8</b>
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp Ed)</b>	<b>340</b>	<b>337</b>	<b>99%</b>	<b>3</b>	<b>1%</b>	<b>32</b>	<b>33</b>	<b>10.7</b>	<b>11.0</b>
<b>Sp Ed Early Childhood &amp; Elementary</b>	<b>756</b>	<b>750</b>	<b>99%</b>	<b>18</b>	<b>2%</b>	<b>75</b>	<b>199</b>	<b>4.2</b>	<b>11.1</b>
<b>Sp Ed Middle/Secondary</b>	<b>703</b>	<b>692</b>	<b>98%</b>	<b>15</b>	<b>2%</b>	<b>30</b>	<b>65</b>	<b>2.0</b>	<b>4.3</b>
<b>Academic Intervention Services (AIS) FTEs</b>	<b>474</b>	<b>460</b>	<b>97%</b>	<b>12</b>	<b>3%</b>				
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	<b>71</b>	<b>71</b>	<b>99%</b>	<b>1</b>	<b>2%</b>				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Generalist Middle Childhood Ed Certification		0		0		1	21		
Bilingual Ed Exts (issued to new teachers)		0		0		0	0		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Finger Lakes	17,064	16,744	98%	374	2%	1,386	2,305	3.7	6.2
<b>Arts (Visual, Music, Dance, Theatre)</b>	<b>1,244</b>	<b>1,233</b>	<b>99%</b>	<b>23</b>	<b>2%</b>	<b>119</b>	<b>125</b>	<b>5.1</b>	<b>5.4</b>
<b>Career &amp; Technical Education (CTE)</b>	<b>858</b>	<b>818</b>	<b>95%</b>	<b>20</b>	<b>2%</b>	<b>50</b>	<b>51</b>	<b>2.5</b>	<b>2.6</b>
<b>Elementary &amp; Early Childhood</b>	<b>4,782</b>	<b>4,737</b>	<b>99%</b>	<b>67</b>	<b>1%</b>	<b>376</b>	<b>683</b>	<b>5.6</b>	<b>10.2</b>
<b>English (Mid/Sec)</b>	<b>894</b>	<b>878</b>	<b>98%</b>	<b>24</b>	<b>3%</b>	<b>63</b>	<b>102</b>	<b>2.6</b>	<b>4.3</b>
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	<b>229</b>	<b>221</b>	<b>96%</b>	<b>12</b>	<b>5%</b>	<b>19</b>	<b>21</b>	<b>1.5</b>	<b>1.7</b>
<b>Languages Other Than English (LOTE)</b>	<b>561</b>	<b>544</b>	<b>97%</b>	<b>15</b>	<b>3%</b>	<b>31</b>	<b>53</b>	<b>2.1</b>	<b>3.6</b>
<b>Library Media &amp; Ed. Technology Specialists</b>	<b>278</b>	<b>272</b>	<b>98%</b>	<b>9</b>	<b>3%</b>	<b>21</b>	<b>22</b>	<b>2.4</b>	<b>2.4</b>
<b>Mathematics (Mid/Sec)</b>	<b>862</b>	<b>845</b>	<b>98%</b>	<b>14</b>	<b>2%</b>	<b>66</b>	<b>100</b>	<b>4.8</b>	<b>7.2</b>
<b>Health Education</b>	<b>166</b>	<b>159</b>	<b>95%</b>	<b>8</b>	<b>5%</b>	<b>21</b>	<b>26</b>	<b>2.6</b>	<b>3.2</b>
<b>Physical Education</b>	<b>880</b>	<b>876</b>	<b>100%</b>	<b>17</b>	<b>2%</b>	<b>82</b>	<b>86</b>	<b>4.9</b>	<b>5.1</b>
<b>Reading &amp; Literacy</b>	<b>205</b>	<b>201</b>	<b>98%</b>	<b>1</b>	<b>1%</b>	<b>83</b>	<b>120</b>	<b>60.9</b>	<b>87.5</b>
<b>Science (Mid/Sec)</b>	<b>975</b>	<b>947</b>	<b>97%</b>	<b>30</b>	<b>3%</b>	<b>66</b>	<b>117</b>	<b>2.2</b>	<b>3.9</b>
<b>Social Studies (Mid/Sec)</b>	<b>878</b>	<b>869</b>	<b>99%</b>	<b>13</b>	<b>1%</b>	<b>97</b>	<b>144</b>	<b>7.7</b>	<b>11.4</b>
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp Ed)</b>	<b>591</b>	<b>575</b>	<b>97%</b>	<b>7</b>	<b>1%</b>	<b>60</b>	<b>64</b>	<b>8.4</b>	<b>9.0</b>
<b>Sp Ed Early Childhood &amp; Elementary</b>	<b>1,197</b>	<b>1,185</b>	<b>99%</b>	<b>37</b>	<b>3%</b>	<b>172</b>	<b>420</b>	<b>4.7</b>	<b>11.4</b>
<b>Sp Ed Middle/Secondary</b>	<b>1,467</b>	<b>1,439</b>	<b>98%</b>	<b>50</b>	<b>3%</b>	<b>57</b>	<b>154</b>	<b>1.1</b>	<b>3.1</b>
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	<b>6</b>	<b>4</b>	<b>65%</b>	<b>1</b>	<b>21%</b>				
<b>Academic Intervention Services (AIS) FTEs</b>	<b>756</b>	<b>708</b>	<b>94%</b>	<b>24</b>	<b>3%</b>				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

28-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	235	234	100%	2	1%				
Generalist Middle Childhood Ed Certification		0		0		1		17	
Bilingual Ed Exts (issued to new teachers)		0		0		1		2	

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Hudson Valley	29,306	28,886	99%	445	2%	2,949	4,156	6.6	9.3
<b>Arts (Visual, Music, Dance, Theatre)</b>	<b>2,118</b>	<b>2,095</b>	<b>99%</b>	<b>46</b>	<b>2%</b>	<b>155</b>	<b>164</b>	<b>3.4</b>	<b>3.6</b>
<b>Career &amp; Technical Education (CTE)</b>	<b>1,041</b>	<b>976</b>	<b>94%</b>	<b>27</b>	<b>3%</b>	<b>50</b>	<b>62</b>	<b>1.9</b>	<b>2.3</b>
<b>Elementary &amp; Early Childhood</b>	<b>8,597</b>	<b>8,563</b>	<b>100%</b>	<b>71</b>	<b>1%</b>	<b>1,051</b>	<b>1,523</b>	<b>14.8</b>	<b>21.5</b>
<b>English (Mid/Sec)</b>	<b>1,621</b>	<b>1,608</b>	<b>99%</b>	<b>18</b>	<b>1%</b>	<b>197</b>	<b>235</b>	<b>10.8</b>	<b>12.9</b>
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	<b>580</b>	<b>577</b>	<b>100%</b>	<b>10</b>	<b>2%</b>	<b>67</b>	<b>73</b>	<b>7.0</b>	<b>7.6</b>
<b>Languages Other Than English (LOTE)</b>	<b>1,209</b>	<b>1,180</b>	<b>98%</b>	<b>34</b>	<b>3%</b>	<b>75</b>	<b>96</b>	<b>2.2</b>	<b>2.8</b>
<b>Library Media &amp; Ed. Technology Specialists</b>	<b>476</b>	<b>464</b>	<b>97%</b>	<b>10</b>	<b>2%</b>	<b>29</b>	<b>33</b>	<b>3.0</b>	<b>3.4</b>
<b>Mathematics (Mid/Sec)</b>	<b>1,553</b>	<b>1,547</b>	<b>100%</b>	<b>36</b>	<b>2%</b>	<b>169</b>	<b>207</b>	<b>4.6</b>	<b>5.7</b>
<b>Health Education</b>	<b>293</b>	<b>275</b>	<b>94%</b>	<b>6</b>	<b>2%</b>	<b>24</b>	<b>32</b>	<b>3.8</b>	<b>5.0</b>
<b>Physical Education</b>	<b>1,403</b>	<b>1,399</b>	<b>100%</b>	<b>23</b>	<b>2%</b>	<b>122</b>	<b>137</b>	<b>5.3</b>	<b>5.9</b>
<b>Reading &amp; Literacy</b>	<b>460</b>	<b>453</b>	<b>99%</b>	<b>1</b>	<b>0%</b>	<b>89</b>	<b>136</b>	<b>78.3</b>	<b>118.7</b>
<b>Science (Mid/Sec)</b>	<b>1,770</b>	<b>1,718</b>	<b>97%</b>	<b>35</b>	<b>2%</b>	<b>148</b>	<b>182</b>	<b>4.3</b>	<b>5.3</b>
<b>Social Studies (Mid/Sec)</b>	<b>1,578</b>	<b>1,565</b>	<b>99%</b>	<b>22</b>	<b>1%</b>	<b>219</b>	<b>259</b>	<b>10.0</b>	<b>11.8</b>
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp Ed)</b>	<b>817</b>	<b>799</b>	<b>98%</b>	<b>16</b>	<b>2%</b>	<b>120</b>	<b>124</b>	<b>7.7</b>	<b>8.0</b>
<b>Sp Ed Early Childhood &amp; Elementary</b>	<b>2,205</b>	<b>2,192</b>	<b>99%</b>	<b>34</b>	<b>2%</b>	<b>299</b>	<b>672</b>	<b>8.7</b>	<b>19.6</b>
<b>Sp Ed Middle/Secondary</b>	<b>2,451</b>	<b>2,416</b>	<b>99%</b>	<b>32</b>	<b>1%</b>	<b>114</b>	<b>175</b>	<b>3.6</b>	<b>5.5</b>
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	<b>14</b>	<b>13</b>	<b>96%</b>	<b>0</b>	<b>0%</b>				
<b>Academic Intervention Services (AIS) FTEs</b>	<b>920</b>	<b>846</b>	<b>92%</b>	<b>20</b>	<b>2%</b>				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

28-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	200	199	99%	5	3%				
Generalist Middle Childhood Ed Certification		0		0		12	29		
Bilingual Ed Exts (issued to new teachers)		0		0		10	20		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Long Island	39,191	38,906	99%	627	2%	4,490	6,932	7.2	11.1
Arts (Visual, Music, Dance, Theatre)	3,011	2,991	99%	57	2%	263	275	4.6	4.9
Career & Technical Education (CTE)	1,545	1,510	98%	44	3%	125	142	2.8	3.2
Elementary & Early Childhood	11,469	11,443	100%	109	1%	1,465	2,446	13.5	22.5
English (Mid/Sec)	2,068	2,062	100%	30	1%	277	322	9.2	10.6
ESOL (All Grades, Reg. & Sp Ed)	813	807	99%	20	3%	107	123	5.2	6.0
Languages Other Than English (LOTE)	1,656	1,630	98%	44	3%	126	172	2.9	3.9
Library Media & Ed. Technology Specialists	651	646	99%	9	1%	29	33	3.2	3.7
Mathematics (Mid/Sec)	2,040	2,033	100%	34	2%	287	326	8.4	9.5
Health Education	412	398	97%	5	1%	64	82	12.0	15.5
Physical Education	1,841	1,834	100%	25	1%	233	252	9.3	10.1
Reading & Literacy	818	809	99%	7	1%	145	192	22.3	29.5
Science (Mid/Sec)	2,475	2,435	98%	63	3%	192	309	3.1	4.9
Social Studies (Mid/Sec)	2,062	2,055	100%	25	1%	373	427	14.9	17.0
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	1,273	1,257	99%	16	1%	190	200	11.9	12.5
Sp Ed Early Childhood & Elementary	2,785	2,777	100%	43	2%	433	1,292	10.1	30.1
Sp Ed Middle/Secondary	2,948	2,922	99%	40	1%	135	243	3.4	6.1
Bilingual 7-12 FTEs, Reg & Sp Ed	8	5	60%	0	1%				
Academic Intervention Services (AIS) FTEs	997	975	98%	15	2%				

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Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	319	316	99%	41					
Generalist Middle Childhood Ed Certification		0		0		19	56		
Bilingual Ed Exts (issued to new teachers)		0		0		29	41		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Mohawk Valley	6,583	6,461	98%	184	3%	525	694	2.9	3.8
Arts (Visual, Music, Dance, Theatre)	481	476	99%	20	4%	51	53	2.6	2.7
Career & Technical Education (CTE)	335	322	96%	15	4%	21	23	1.4	1.6
Elementary & Early Childhood	2,025	2,013	99%	37	2%	198	263	5.3	7.0
English (Mid/Sec)	350	347	99%	8	2%	26	31	3.5	4.2
ESOL (All Grades, Reg. & Sp Ed)	59	59	99%	2	3%	6	7	3.0	3.6
Languages Other Than English (LOTE)	212	199	94%	12	6%	16	19	1.3	1.5
Library Media & Ed. Technology Specialists	124	122	98%	6	5%	6	7	1.1	1.2
Mathematics (Mid/Sec)	327	324	99%	12	4%	28	40	2.3	3.4
Health Education	61	57	94%	2	3%	5	6	2.5	3.4
Physical Education	317	316	100%	7	2%	28	28	4.0	4.1
Reading & Literacy	109	104	96%	1	1%	22	30	19.2	26.6
Science (Mid/Sec)	385	365	95%	12	3%	26	35	2.1	2.9
Social Studies (Mid/Sec)	347	345	100%	7	2%	37	42	5.7	6.5
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	149	143	96%	2	1%	9	9	4.4	4.4
Sp Ed Early Childhood & Elementary	413	409	99%	15	4%	36	76	2.5	5.2
Sp Ed Middle/Secondary	453	444	98%	11	2%	7	17	0.7	1.5
Bilingual 7-12 FTEs, Reg & Sp Ed	0	0	100%	0	0%				
Academic Intervention Services (AIS) FTEs	380	357	94%	16	4%				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	57	57	100%	0	1%				
Generalist Middle Childhood Ed Certification		0		0		3	6		
Bilingual Ed Exts (issued to new teachers)		0		0		0	1		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
New York City	71,974	67,234	93%	2,110	3%	6,536	9,570	3.1	4.5
Arts (Visual, Music, Dance, Theatre)	2,858	2,631	92%	55	2%	246	267	4.5	4.9
Career & Technical Education (CTE)	990	808	82%	21	2%	61	68	2.9	3.3
Elementary & Early Childhood	28,333	27,244	96%	378	1%	2,301	3,545	6.1	9.4
English (Mid/Sec)	4,017	3,753	93%	84	2%	364	414	4.3	4.9
ESOL (All Grades, Reg. & Sp Ed)	2,658	2,493	94%	41	2%	221	272	5.3	6.6
Languages Other Than English (LOTE)	1,643	1,458	89%	66	4%	147	175	2.2	2.6
Library Media & Ed. Technology Specialists	487	371	76%	5	1%	18	19	3.8	4.1
Mathematics (Mid/Sec)	4,025	3,849	96%	117	3%	360	398	3.1	3.4
Health Education	363	178	49%	5	1%	14	16	2.8	3.0
Physical Education	2,461	2,379	97%	40	2%	104	109	2.6	2.7
Reading & Literacy	242	221	92%	0	0%	67	106		
Science (Mid/Sec)	3,356	2,817	84%	188	6%	313	352	1.7	1.9
Social Studies (Mid/Sec)	3,455	3,255	94%	66	2%	260	275	4.0	4.2
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	1,812	1,792	99%	132	7%	391	423	3.0	3.2
Sp Ed Early Childhood & Elementary	8,310	7,934	95%	520	6%	977	2,090	1.9	4.0
Sp Ed Middle/Secondary	5,111	4,500	88%	345	7%	445	584	1.3	1.7
Bilingual 7-12 FTEs, Reg & Sp Ed	91	73	80%	0	0%				
Academic Intervention Services (AIS) FTEs	1,116	867	78%	22	2%				

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Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	646	610	94%	24	4%				
Generalist Middle Childhood Ed Certification		0		0		98	194		
Bilingual Ed Exts (issued to new teachers)		0		0		150	264		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
North Country	6,197	6,058	98%	179	3%	636	836	3.6	4.7
Arts (Visual, Music, Dance, Theatre)	412	404	98%	17	4%	40	42	2.3	2.4
Career & Technical Education (CTE)	398	372	93%	16	4%	29	32	1.8	2.0
Elementary & Early Childhood	1,875	1,866	100%	43	2%	271	350	6.3	8.1
English (Mid/Sec)	313	310	99%	11	4%	35	43	3.2	3.9
ESOL (All Grades, Reg. & Sp Ed)	14	12	86%	1	7%	4	4	4.4	4.4
Languages Other Than English (LOTE)	211	199	94%	5	2%	15	21	3.0	4.4
Library Media & Ed. Technology Specialists	107	100	94%	6	5%	13	14	2.2	2.4
Mathematics (Mid/Sec)	314	311	99%	4	1%	17	25	4.8	7.2
Health Education	62	59	95%	1	1%	5	6	7.5	9.2
Physical Education	297	296	100%	15	5%	25	27	1.7	1.8
Reading & Literacy	134	129	97%	5	4%	34	48	6.8	9.5
Science (Mid/Sec)	344	323	94%	9	3%	33	37	3.5	4.0
Social Studies (Mid/Sec)	319	317	99%	4	1%	41	54	9.5	12.5
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	192	189	98%	2	1%	26	26	14.4	14.4
Sp Ed Early Childhood & Elementary	382	381	100%	12	3%	33	80	2.8	6.7
Sp Ed Middle/Secondary	440	431	98%	10	2%	14	25	1.4	2.4
Academic Intervention Services (AIS) FTEs	298	276	92%	14	5%				
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	84	83	100%	3	3%				

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Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Generalist Middle Childhood Ed Certification		0		0		1		2	
Bilingual Ed Exts (issued to new teachers)		0		0					

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Southern Tier	9,160	8,993	98%	256	3%	699	945	2.7	3.7
Arts (Visual, Music, Dance, Theatre)	687	682	99%	27	4%	44	48	1.6	1.8
Career & Technical Education (CTE)	486	461	95%	14	3%	19	20	1.3	1.4
Elementary & Early Childhood	2,680	2,668	100%	52	2%	240	354	4.7	6.9
English (Mid/Sec)	464	458	99%	17	4%	44	55	2.6	3.2
ESOL (All Grades, Reg. & Sp Ed)	54	49	89%	1	2%	9	10	8.9	9.6
Languages Other Than English (LOTE)	295	284	96%	8	3%	19	22	2.3	2.6
Library Media & Ed. Technology Specialists	162	153	95%	2	1%	8	10	5.2	6.4
Mathematics (Mid/Sec)	455	450	99%	12	3%	52	60	4.2	4.9
Health Education	93	88	94%	2	2%	11	13	6.8	8.1
Physical Education	485	483	99%	9	2%	41	44	4.8	5.2
Reading & Literacy	164	161	98%	3	2%	32	40	11.0	14.1
Science (Mid/Sec)	503	482	96%	19	4%	26	35	1.3	1.8
Social Studies (Mid/Sec)	464	461	99%	13	3%	59	67	4.5	5.1
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	219	215	98%	8	4%	28	28	3.5	3.5
Sp Ed Early Childhood & Elementary	630	627	100%	30	5%	48	102	1.6	3.4
Sp Ed Middle/Secondary	746	720	96%	19	2%	16	29	0.9	1.6
Academic Intervention Services (AIS) FTEs	451	435	96%	17	4%				
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	120	119	99%	3	3%				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Generalist Middle Childhood Ed Certification		0		0		4	7		
Bilingual Ed Exts (issued to new teachers)		0		0		0	1		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Western	18,298	18,020	98%	377	2%	1,830	2,846	4.9	7.5
Arts (Visual, Music, Dance, Theatre)	1,314	1,298	99%	27	2%	121	129	4.5	4.8
Career & Technical Education (CTE)	950	921	97%	19	2%	67	73	3.5	3.8
Elementary & Early Childhood	5,581	5,548	99%	96	2%	702	1,142	7.3	11.8
English (Mid/Sec)	982	975	99%	25	3%	119	163	4.7	6.4
ESOL (All Grades, Reg. & Sp Ed)	158	150	95%	7	4%	13	18	1.8	2.6
Languages Other Than English (LOTE)	642	617	96%	20	3%	36	46	1.8	2.3
Library Media & Ed. Technology Specialists	279	272	98%	7	2%	14	15	2.1	2.1
Mathematics (Mid/Sec)	961	956	99%	16	2%	84	139	5.1	8.5
Health Education	175	162	92%	4	2%	36	55	9.2	14.0
Physical Education	870	866	100%	23	3%	73	94	3.2	4.1
Reading & Literacy	343	324	94%	7	2%	95	125	13.2	17.4
Science (Mid/Sec)	1,054	1,020	97%	22	2%	79	137	3.7	6.4
Social Studies (Mid/Sec)	955	950	100%	12	1%	104	154	8.6	12.8
Sp Ed Specific Dis & Corr Speech (Not Sp Ed)	528	520	98%	9	2%	65	69	7.4	7.9
Sp Ed Early Childhood & Elementary	1,271	1,265	100%	34	3%	170	392	5.0	11.5
Sp Ed Middle/Secondary	1,402	1,385	99%	19	1%	47	88	2.4	4.6
Bilingual 7-12 FTEs, Reg & Sp Ed	9	7	79%	0	0%				
Academic Intervention Services (AIS) FTEs	668	631	94%	23	4%				

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Source: NYSED, Office of Research and Information Systems

28-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
Other Mid/Sec FTEs (Any Valid NYS Cert OK)	155	153	99%	5	4%				
Generalist Middle Childhood Ed Certification		0		0		4	6		
Bilingual Ed Exts (issued to new teachers)		0		0		2	2		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Arts (Visual, Music, Dance, Theatre)</b>	13,910	13,581	98%	320	1,202	1,274	3.8	4.0
Art K-6*	2,570	2,535	99%	58				
Visual Arts, 7-12	3,474	3,389	98%	65	564	589	8.7	9.1
Music K-6*	2,272	2,205	97%	61				
Music 7-12	5,049	4,994	99%	124	574	602	4.6	4.9
Theatre/Speech K-12	246	201	82%	7	36	50	5.3	7.4
Dance K-12	250	217	87%	6	29	33	4.9	5.6
Interdisciplinary Arts	49	40	83%	0				
<b>Career &amp; Technical Education (CTE)</b>	7,871	7,398	94%	207	497	552	2.4	2.7
CTE Intro & Other (All or Most CTE Certs OK)	1,257	1,195	95%	26				
Agriculture	147	142	97%	5	7	9	1.6	2.0
Aviation/Aerospace Mnfctrng & Mntnc Occ	67	55	81%	1	2	4	2.0	4.0
Construction Indstry & Bldg Mntnc Occ	223	200	90%	7	29	32	3.8	4.3
Cosmetology Occupations	177	175	98%	5	12	12	2.7	2.7
Electronic/Electro Mechanical Occupations	137	127	93%	3	6	7	2.0	2.5
Family & Consumer Sci (Incl Food Srv, Textiles)	796	757	95%	26	72	83	2.8	3.2
Graphic, Printing and Visual Communications	148	135	91%	3	23	26	6.7	7.5
Health Occupations	225	191	85%	13	35	37	2.6	2.8
Motorcyle, Marine & Outdoor Power Equipment	16	14	88%	1	3	3	3.0	3.0
Precision Metal Work Occupations	70	64	92%	2	4	5	2.2	2.5
Security Operations	66	63	96%	5	7	7	1.5	1.5
Vehicle Maintenance & Repair	253	243	96%	4	10	11	2.6	2.9
Business & Marketing (Includes Travel)	1,467	1,417	97%	33	139	165	4.2	5.0
Technologies - Comp, Mech, Electr, CAD, Drafting	2,819	2,619	93%	73	148	151	2.0	2.1

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## NYS Full-time Equivalent Teacher Assignments by Subject Area

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Elementary &amp; Early Childhood</b>	72,591	71,289	98%	998	7,415	11,434	7.4	11.5
PK - Grade 6 Certifications		0		0	59	62		
Birth - Grade 2 Certifications		0		0	1,561	3,124		
Grades 1-6 Certifications		0		0	5,796	8,249		
PreK FTE Assignments	2,209	2,161	98%	34				
Kindergarten FTE Teaching Assignments	9,240	8,970	97%	134				
Bilingual K-6, Grade Code PK FTEs	13	12	92%	0				
Bilingual K-6 FTEs, Grade Code K FTEs	261	245	94%	3				
K-12 Subject Code, PK-K Grade Code	52	51	98%	3				
Common Branch Grades 1-6 FTE Asmts	47,935	47,560	99%	575				
K-6 Subjects FTE Asmts	9,830	9,453	96%	195				
Bilingual K-6, Grade Codes 1-6 FTEs	1,091	987	91%	20				
K-12 Subj Code, 1-6 Grade Code	1,960	1,851	94%	33				
<b>English (Mid/Sec)</b>	12,047	11,720	97%	249	1,278	1,538	5.1	6.2
English (Mid./Sec.)	12,047	11,720	97%	249	1,278	1,538	5.1	6.2
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	4,764	4,559	96%	104	476	562	4.6	5.4
ESOL Initial Certificates K-12		0		0	476	562		
ESOL, Not Sp. Ed. PK - 6	3,006	2,880	96%	59				
ESOL, Not Sp. Ed. 7-12	1,580	1,513	96%	30				
ESOL, Sp. Ed. PK - 6	80	78	97%	7				
ESOL, Sp. Ed. 7-12	98	88	91%	8				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Languages Other Than English (LOTE)</b>	7,323	6,983	95%	234	547	696	2.3	3.0
Languages Other Than English (LOTE)	88	85	96%	2				
French	1,208	1,166	96%	25	70	88	2.8	3.6
Spanish	4,999	4,829	97%	164	390	489	2.4	3.0
German	119	113	95%	3	7	8	2.3	2.7
Italian	502	476	95%	10	31	38	3.2	3.9
Russian	20	18	93%	0	0	1	1.3	7.1
Hebrew	5	4	91%	0	1	2	2.5	4.2
Latin	166	142	86%	11	14	17	1.3	1.6
ASL	54	41	77%	3	5	6	1.6	2.0
Cantonese & Mandarin Chinese	105	89	85%	11	25	40	2.4	3.8
Japanese	20	16	80%	2	3	4	1.3	1.8
Other Languages	38	4	10%	4	2	3	0.6	0.7
<b>Library Media &amp; Ed. Technology Specialists</b>	3,002	2,830	94%	60	172	188	2.8	3.1
Library Media Specialist	2,938	2,795	95%	56	140	151	2.5	2.7
Educational Technology Specialist	65	35	55%	4	32	37	7.1	8.3
<b>Mathematics (Mid/Sec)</b>	11,827	11,596	98%	280	1,163	1,421	4.1	5.1
Mathematics (Mid/Sec)	11,827	11,596	98%	280	1,163	1,421	4.1	5.1
<b>Health Education</b>	1,871	1,612	86%	35	222	282	6.3	8.0
Health Education	1,871	1,612	86%	35	222	282	6.3	8.0
<b>Physical Education</b>	9,788	9,675	99%	183	826	901	4.5	4.9
Physical Education	9,788	9,675	99%	183	826	901	4.5	4.9

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Reading &amp; Literacy</b>	2,840	2,758	97%	32	725	1,008	22.4	31.1
Reading & Literacy (Specialist Cert Req)	2,840	2,758	97%	32	725	1,008	22.4	31.1
<b>Science (Mid/Sec)</b>	12,295	11,502	94%	407	984	1,340	2.4	3.3
Earth Science (Mid/Sec)	2,332	2,013	86%	90	150	187	1.7	2.1
Biology-Life Sciences (Mid/Sec)	4,350	4,202	97%	131	539	670	4.1	5.1
Chemistry 7-12	1,917	1,823	95%	60	129	182	2.1	3.0
Physics 7-12	927	834	90%	35	85	107	2.4	3.1
Other Mid Sch Science (Integrated, Intermediate, Physical)	1,794	1,694	94%	63	15	40	0.2	0.6
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	975	936	96%	28	66	153	2.4	5.5
<b>Social Studies (Mid/Sec)</b>	11,336	11,089	98%	190	1,368	1,621	7.2	8.5
Social Studies (Mid/Sec)	11,336	11,089	98%	190	1,368	1,621	7.2	8.5
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	6,297	6,194	98%	194	955	1,012	4.9	5.2
Deaf & Hearing Impaired	317	299	94%	8	29	49	3.6	6.1
Blind & Visually Impaired	219	214	98%	2	11	12	5.4	6.1
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	5,761	5,681	99%	184	915	951	5.0	5.2

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## NYS Full-time Equivalent Teacher Assignments by Subject Area

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Sp Ed Early Childhood &amp; Elementary</b>	18,867	18,435	98%	774	2,345	5,541	3.0	7.2
SWD Birth-Grade 2 Certifications		0		0	747	1,968		
SWD Grades 1-6 Certifications		0		0	1,598	3,573		
Sp Ed Preschool FTEs	288	272	95%	6				
Sp Ed PreK FTEs	39	37	96%	0				
Sp Ed. PreK Bilinugal FTEs	4	4	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	17,993	17,645	98%	756				
Sp Ed. K-6 Bilinugal FTEs	185	152	82%	10				
Sp.Ed Home/Hospital PK-6	359	325	91%	2				
<b>Sp Ed Middle/Secondary</b>	16,758	15,974	95%	551	886	1,417	1.6	2.6
Sp Ed K-12 FTE Certifications		0		0	8	9		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	9,268	9,100	98%	276	546	824	2.0	3.0
Sp Ed Math Mid/Sec	1,530	1,382	90%	59	36	76	0.6	1.3
Sp Ed Social Studies Mid/Sec	1,354	1,235	91%	50	162	268	3.2	5.3
Sp Ed English Mid/Sec	1,786	1,622	91%	81	107	180	1.3	2.2
Sp Ed Science Mid/Sec	1,101	976	89%	38	23	46	0.6	1.2
Sp Ed Languages Other Than English (LOTE)	59	43	73%	2	4	14	2.6	8.8
Sp Ed Home/Hospital FTEs Mid/Sec	24	21	90%	1				
Sp Ed Work Study FTEs	191	180	94%	3				
Other Special Class Mid/Sec FTEs	1,444	1,416	98%	41				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	128	102	80%	1				
Reg Ed Bilingual 7-12 FTEs All Subjects	103	82	80%	0				
Sp Ed Bilingual 7-12 FTEs All Subjects	25	20	80%	1				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Academic Intervention Services (AIS) FTEs</b>	6,678	6,147	92%	173				
AIS Reading K-6, Reading/Lit Cert Req	1,808	1,565	87%	38				
AIS Reading Mid/Sec, Reading/Lit Cert Req	562	507	90%	4				
AIS Math K-6, No Specialist Cert Req	865	841	97%	27				
AIS Math Mid/Sec, Math or MS Gen Cert Req	979	946	97%	40				
AIS Science K-6, No Specialist Cert Req	27	22	79%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	228	219	96%	7				
AIS Social Studies K-6, No Specialist Cert Req	32	25	79%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	364	345	95%	8				
AIS English Language Arts K-6, No Specialist Cert Req	599	558	93%	18				
AIS English Language Arts Mid/Sec, Specialist Cert Req	637	587	92%	19				
AIS Other Subject K-6, No Specialist Cert Required	243	203	84%	3				
AIS Other Subject 7-12, Specialist Cert Required	334	328	98%	9				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York State</b>	<b>222,183</b>	<b>215,390</b>	<b>97%</b>	<b>5,087</b>	<b>26,428</b>	<b>26,428</b>	<b>5.2</b>	
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	1,990	1,944	98%	92				
Safety Education (any Cert OK)	2	0	13%	0				
Helping (Any Cert OK)	120	119	99%	4				
Driver Education (Any Cert OK)	41	41	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	355	337	95%	8				
Comm Serv for Credit Mid/Sec (Any Cert OK)	5	5	100%	0				
Absentee Teacher Reserve (Any Cert OK)	283	277	98%	46				
Study Skills (Any Cert OK)	375	368	98%	11				
Home/Hospital Instruction, Not Sp. Ed.	34	33	99%	0				
Suspension (In-School & Out) (Any Cert OK)	129	128	99%	1				
GED Prep. & Alt. Ed. (Any Cert OK)	262	262	100%	6				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	385	373	97%	16				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	143	342		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	143	342		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	191	330		
Bilingual Ed Exts (issued to new teachers)		0		0	191	330		

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Arts (Visual, Music, Dance, Theatre)</b>	<b>13,910</b>	<b>13,581</b>	<b>98%</b>	<b>320</b>	<b>2%</b>	<b>1,238</b>	<b>1,238</b>	<b>3.9</b>	
Capital	966	955	99%	29	3%	83	87	2.9	3.1
Central	819	813	99%	20	2%	80	84	3.9	4.1
Finger Lakes	1,244	1,233	99%	23	2%	119	125	5.1	5.4
Hudson Valley	2,118	2,095	99%	46	2%	155	164	3.4	3.6
Long Island	3,011	2,991	99%	57	2%	263	275	4.6	4.9
Mohawk Valley	481	476	99%	20	4%	51	53	2.6	2.7
New York City	2,858	2,631	92%	55	2%	246	267	4.5	4.9
North Country	412	404	98%	17	4%	40	42	2.3	2.4
Southern Tier	687	682	99%	27	4%	44	48	1.6	1.8
Western	1,314	1,298	99%	27	2%	121	129	4.5	4.8
<b>Career &amp; Technical Education (CTE)</b>	<b>7,871</b>	<b>7,398</b>	<b>94%</b>	<b>207</b>	<b>3%</b>	<b>525</b>	<b>525</b>	<b>2.5</b>	
Capital	724	697	96%	15	2%	43	49	3.0	3.4
Central	544	513	94%	17	3%	33	34	2.0	2.0
Finger Lakes	858	818	95%	20	2%	50	51	2.5	2.6
Hudson Valley	1,041	976	94%	27	3%	50	62	1.9	2.3
Long Island	1,545	1,510	98%	44	3%	125	142	2.8	3.2
Mohawk Valley	335	322	96%	15	4%	21	23	1.4	1.6
New York City	990	808	82%	21	2%	61	68	2.9	3.3
North Country	398	372	93%	16	4%	29	32	1.8	2.0
Southern Tier	486	461	95%	14	3%	19	20	1.3	1.4
Western	950	921	97%	19	2%	67	73	3.5	3.8

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Source: NYSED, Office of Research and Information Systems

25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Elementary &amp; Early Childhood</b>	<b>72,591</b>	<b>71,289</b>	<b>98%</b>	<b>998</b>	<b>1%</b>	<b>9,424</b>	<b>9,424</b>	<b>9.4</b>	
Capital	4,050	4,018	99%	83	2%	480	635	5.8	7.7
Central	3,200	3,189	100%	61	2%	330	493	5.4	8.1
Finger Lakes	4,782	4,737	99%	67	1%	376	683	5.6	10.2
Hudson Valley	8,597	8,563	100%	71	1%	1,051	1,523	14.8	21.5
Long Island	11,469	11,443	100%	109	1%	1,465	2,446	13.5	22.5
Mohawk Valley	2,025	2,013	99%	37	2%	198	263	5.3	7.0
New York City	28,333	27,244	96%	378	1%	2,301	3,545	6.1	9.4
North Country	1,875	1,866	100%	43	2%	271	350	6.3	8.1
Southern Tier	2,680	2,668	100%	52	2%	240	354	4.7	6.9
Western	5,581	5,548	99%	96	2%	702	1,142	7.3	11.8
<b>English (Mid/Sec)</b>	<b>12,047</b>	<b>11,720</b>	<b>97%</b>	<b>249</b>	<b>2%</b>	<b>1,408</b>	<b>1,408</b>	<b>5.7</b>	
Capital	735	729	99%	11	2%	87	102	7.8	9.0
Central	601	599	100%	19	3%	64	71	3.3	3.7
Finger Lakes	894	878	98%	24	3%	63	102	2.6	4.3
Hudson Valley	1,621	1,608	99%	18	1%	197	235	10.8	12.9
Long Island	2,068	2,062	100%	30	1%	277	322	9.2	10.6
Mohawk Valley	350	347	99%	8	2%	26	31	3.5	4.2
New York City	4,017	3,753	93%	84	2%	364	414	4.3	4.9
North Country	313	310	99%	11	4%	35	43	3.2	3.9
Southern Tier	464	458	99%	17	4%	44	55	2.6	3.2
Western	982	975	99%	25	3%	119	163	4.7	6.4

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25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	<b>4,764</b>	<b>4,559</b>	<b>96%</b>	<b>104</b>	<b>2%</b>	<b>519</b>	<b>519</b>	<b>5.0</b>	
Capital	105	104	98%	3	3%	18	19	6.3	6.8
Central	92	88	95%	7	8%	12	14	1.7	2.0
Finger Lakes	229	221	96%	12	5%	19	21	1.5	1.7
Hudson Valley	580	577	100%	10	2%	67	73	7.0	7.6
Long Island	813	807	99%	20	3%	107	123	5.2	6.0
Mohawk Valley	59	59	99%	2	3%	6	7	3.0	3.6
New York City	2,658	2,493	94%	41	2%	221	272	5.3	6.6
North Country	14	12	86%	1	7%	4	4	4.4	4.4
Southern Tier	54	49	89%	1	2%	9	10	8.9	9.6
Western	158	150	95%	7	4%	13	18	1.8	2.6
<b>Languages Other Than English (LOTE)</b>	<b>7,323</b>	<b>6,983</b>	<b>95%</b>	<b>234</b>	<b>3%</b>	<b>625</b>	<b>625</b>	<b>2.7</b>	
Capital	515	504	98%	17	3%	47	53	2.8	3.1
Central	380	368	97%	12	3%	39	43	3.2	3.5
Finger Lakes	561	544	97%	15	3%	31	53	2.1	3.6
Hudson Valley	1,209	1,180	98%	34	3%	75	96	2.2	2.8
Long Island	1,656	1,630	98%	44	3%	126	172	2.9	3.9
Mohawk Valley	212	199	94%	12	6%	16	19	1.3	1.5
New York City	1,643	1,458	89%	66	4%	147	175	2.2	2.6
North Country	211	199	94%	5	2%	15	21	3.0	4.4
Southern Tier	295	284	96%	8	3%	19	22	2.3	2.6
Western	642	617	96%	20	3%	36	46	1.8	2.3

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25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Library Media &amp; Ed. Technology Specialists</b>	<b>3,002</b>	<b>2,830</b>	<b>94%</b>	<b>60</b>	<b>2%</b>	<b>180</b>	<b>180</b>	<b>3.0</b>	
Capital	239	234	98%	5	2%	19	21	4.2	4.7
Central	199	196	98%	4	2%	15	16	3.8	3.9
Finger Lakes	278	272	98%	9	3%	21	22	2.4	2.4
Hudson Valley	476	464	97%	10	2%	29	33	3.0	3.4
Long Island	651	646	99%	9	1%	29	33	3.2	3.7
Mohawk Valley	124	122	98%	6	5%	6	7	1.1	1.2
New York City	487	371	76%	5	1%	18	19	3.8	4.1
North Country	107	100	94%	6	5%	13	14	2.2	2.4
Southern Tier	162	153	95%	2	1%	8	10	5.2	6.4
Western	279	272	98%	7	2%	14	15	2.1	2.1
<b>Mathematics (Mid/Sec)</b>	<b>11,827</b>	<b>11,596</b>	<b>98%</b>	<b>280</b>	<b>2%</b>	<b>1,292</b>	<b>1,292</b>	<b>4.6</b>	
Capital	723	719	99%	16	2%	60	76	3.7	4.7
Central	567	563	99%	18	3%	41	49	2.3	2.7
Finger Lakes	862	845	98%	14	2%	66	100	4.8	7.2
Hudson Valley	1,553	1,547	100%	36	2%	169	207	4.6	5.7
Long Island	2,040	2,033	100%	34	2%	287	326	8.4	9.5
Mohawk Valley	327	324	99%	12	4%	28	40	2.3	3.4
New York City	4,025	3,849	96%	117	3%	360	398	3.1	3.4
North Country	314	311	99%	4	1%	17	25	4.8	7.2
Southern Tier	455	450	99%	12	3%	52	60	4.2	4.9
Western	961	956	99%	16	2%	84	139	5.1	8.5

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25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Health Education</b>	<b>1,871</b>	<b>1,612</b>	<b>86%</b>	<b>35</b>	<b>2%</b>	<b>252</b>	<b>252</b>	<b>7.2</b>	
Capital	126	124	98%	1	1%	27	30	21.8	24.0
Central	119	114	96%	1	1%	16	16	15.5	16.3
Finger Lakes	166	159	95%	8	5%	21	26	2.6	3.2
Hudson Valley	293	275	94%	6	2%	24	32	3.8	5.0
Long Island	412	398	97%	5	1%	64	82	12.0	15.5
Mohawk Valley	61	57	94%	2	3%	5	6	2.5	3.4
New York City	363	178	49%	5	1%	14	16	2.8	3.0
North Country	62	59	95%	1	1%	5	6	7.5	9.2
Southern Tier	93	88	94%	2	2%	11	13	6.8	8.1
Western	175	162	92%	4	2%	36	55	9.2	14.0
<b>Physical Education</b>	<b>9,788</b>	<b>9,675</b>	<b>99%</b>	<b>183</b>	<b>2%</b>	<b>864</b>	<b>864</b>	<b>4.7</b>	
Capital	684	679	99%	16	2%	65	69	4.0	4.3
Central	550	547	99%	8	2%	54	56	6.4	6.6
Finger Lakes	880	876	100%	17	2%	82	86	4.9	5.1
Hudson Valley	1,403	1,399	100%	23	2%	122	137	5.3	5.9
Long Island	1,841	1,834	100%	25	1%	233	252	9.3	10.1
Mohawk Valley	317	316	100%	7	2%	28	28	4.0	4.1
New York City	2,461	2,379	97%	40	2%	104	109	2.6	2.7
North Country	297	296	100%	15	5%	25	27	1.7	1.8
Southern Tier	485	483	99%	9	2%	41	44	4.8	5.2
Western	870	866	100%	23	3%	73	94	3.2	4.1

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Reading &amp; Literacy</b>	<b>2,840</b>	<b>2,758</b>	<b>97%</b>	<b>32</b>	<b>1%</b>	<b>867</b>	<b>867</b>	<b>26.7</b>	
Capital	252	244	97%	6	2%	106	150	17.7	25.0
Central	114	111	98%	1	1%	53	62	43.8	51.5
Finger Lakes	205	201	98%	1	1%	83	120	60.9	87.5
Hudson Valley	460	453	99%	1	0%	89	136	78.3	118.7
Long Island	818	809	99%	7	1%	145	192	22.3	29.5
Mohawk Valley	109	104	96%	1	1%	22	30	19.2	26.6
New York City	242	221	92%	0	0%	67	106		
North Country	134	129	97%	5	4%	34	48	6.8	9.5
Southern Tier	164	161	98%	3	2%	32	40	11.0	14.1
Western	343	324	94%	7	2%	95	125	13.2	17.4
<b>Science (Mid/Sec)</b>	<b>12,295</b>	<b>11,502</b>	<b>94%</b>	<b>407</b>	<b>3%</b>	<b>1,162</b>	<b>1,162</b>	<b>2.9</b>	
Capital	801	784	98%	15	2%	57	78	3.8	5.3
Central	632	612	97%	14	2%	44	57	3.1	4.0
Finger Lakes	975	947	97%	30	3%	66	117	2.2	3.9
Hudson Valley	1,770	1,718	97%	35	2%	148	182	4.3	5.3
Long Island	2,475	2,435	98%	63	3%	192	309	3.1	4.9
Mohawk Valley	385	365	95%	12	3%	26	35	2.1	2.9
New York City	3,356	2,817	84%	188	6%	313	352	1.7	1.9
North Country	344	323	94%	9	3%	33	37	3.5	4.0
Southern Tier	503	482	96%	19	4%	26	35	1.3	1.8
Western	1,054	1,020	97%	22	2%	79	137	3.7	6.4

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Social Studies (Mid/Sec)</b>	<b>11,336</b>	<b>11,089</b>	<b>98%</b>	<b>190</b>	<b>2%</b>	<b>1,495</b>	<b>1,495</b>	<b>7.8</b>	
Capital	705	701	99%	18	3%	106	114	5.9	6.3
Central	573	571	100%	11	2%	73	86	6.6	7.8
Finger Lakes	878	869	99%	13	1%	97	144	7.7	11.4
Hudson Valley	1,578	1,565	99%	22	1%	219	259	10.0	11.8
Long Island	2,062	2,055	100%	25	1%	373	427	14.9	17.0
Mohawk Valley	347	345	100%	7	2%	37	42	5.7	6.5
New York City	3,455	3,255	94%	66	2%	260	275	4.0	4.2
North Country	319	317	99%	4	1%	41	54	9.5	12.5
Southern Tier	464	461	99%	13	3%	59	67	4.5	5.1
Western	955	950	100%	12	1%	104	154	8.6	12.8
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp Ed)</b>	<b>6,297</b>	<b>6,194</b>	<b>98%</b>	<b>194</b>	<b>3%</b>	<b>984</b>	<b>984</b>	<b>5.1</b>	
Capital	376	368	98%	0	0%	35	37		
Central	340	337	99%	3	1%	32	33	10.7	11.0
Finger Lakes	591	575	97%	7	1%	60	64	8.4	9.0
Hudson Valley	817	799	98%	16	2%	120	124	7.7	8.0
Long Island	1,273	1,257	99%	16	1%	190	200	11.9	12.5
Mohawk Valley	149	143	96%	2	1%	9	9	4.4	4.4
New York City	1,812	1,792	99%	132	7%	391	423	3.0	3.2
North Country	192	189	98%	2	1%	26	26	14.4	14.4
Southern Tier	219	215	98%	8	4%	28	28	3.5	3.5
Western	528	520	98%	9	2%	65	69	7.4	7.9

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Sp Ed Early Childhood &amp; Elementary</b>	<b>18,867</b>	<b>18,435</b>	<b>98%</b>	<b>774</b>	<b>4%</b>	<b>3,943</b>	<b>3,943</b>	<b>5.1</b>	
Capital	918	914	100%	31	3%	102	217	3.3	7.0
Central	756	750	99%	18	2%	75	199	4.2	11.1
Finger Lakes	1,197	1,185	99%	37	3%	172	420	4.7	11.4
Hudson Valley	2,205	2,192	99%	34	2%	299	672	8.7	19.6
Long Island	2,785	2,777	100%	43	2%	433	1,292	10.1	30.1
Mohawk Valley	413	409	99%	15	4%	36	76	2.5	5.2
New York City	8,310	7,934	95%	520	6%	977	2,090	1.9	4.0
North Country	382	381	100%	12	3%	33	80	2.8	6.7
Southern Tier	630	627	100%	30	5%	48	102	1.6	3.4
Western	1,271	1,265	100%	34	3%	170	392	5.0	11.5
<b>Sp Ed Middle/Secondary</b>	<b>16,758</b>	<b>15,974</b>	<b>95%</b>	<b>551</b>	<b>3%</b>	<b>1,152</b>	<b>1,152</b>	<b>2.1</b>	
Capital	1,035	1,025	99%	10	1%	21	38	2.2	4.0
Central	703	692	98%	15	2%	30	65	2.0	4.3
Finger Lakes	1,467	1,439	98%	50	3%	57	154	1.1	3.1
Hudson Valley	2,451	2,416	99%	32	1%	114	175	3.6	5.5
Long Island	2,948	2,922	99%	40	1%	135	243	3.4	6.1
Mohawk Valley	453	444	98%	11	2%	7	17	0.7	1.5
New York City	5,111	4,500	88%	345	7%	445	584	1.3	1.7
North Country	440	431	98%	10	2%	14	25	1.4	2.4
Southern Tier	746	720	96%	19	2%	16	29	0.9	1.6
Western	1,402	1,385	99%	19	1%	47	88	2.4	4.6

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	<b>128</b>	<b>102</b>	<b>80%</b>	<b>1</b>	<b>1%</b>				
Finger Lakes	6	4	65%	1	21%				
Hudson Valley	14	13	96%	0	0%				
Long Island	8	5	60%	0	1%				
Mohawk Valley	0	0	100%	0	0%				
New York City	91	73	80%	0	0%				
Western	9	7	79%	0	0%				
<b>Academic Intervention Services (AIS) FTEs</b>	<b>6,678</b>	<b>6,147</b>	<b>92%</b>	<b>173</b>	<b>3%</b>				
Capital	618	592	96%	10	2%				
Central	474	460	97%	12	3%				
Finger Lakes	756	708	94%	24	3%				
Hudson Valley	920	846	92%	20	2%				
Long Island	997	975	98%	15	2%				
Mohawk Valley	380	357	94%	16	4%				
New York City	1,116	867	78%	22	2%				
North Country	298	276	92%	14	5%				
Southern Tier	451	435	96%	17	4%				
Western	668	631	94%	23	4%				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	<b>1,990</b>	<b>1,944</b>	<b>98%</b>	<b>92</b>	<b>5%</b>				
Capital	103	102	99%	5	5%				
Central	71	71	99%	1	2%				
Finger Lakes	235	234	100%	2	1%				
Hudson Valley	200	199	99%	5	3%				
Long Island	319	316	99%	41	13%				
Mohawk Valley	57	57	100%	0	1%				
New York City	646	610	94%	24	4%				
North Country	84	83	100%	3	3%				
Southern Tier	120	119	99%	3	3%				
Western	155	153	99%	5	4%				
<b>Generalist Middle Childhood Ed Certification</b>		<b>0</b>		<b>0</b>		<b>243</b>	<b>243</b>		
Capital		0		0		-1	5		
Central		0		0		1	21		
Finger Lakes		0		0		1	17		
Hudson Valley		0		0		12	29		
Long Island		0		0		19	56		
Mohawk Valley		0		0		3	6		
New York City		0		0		98	194		
North Country		0		0		1	2		
Southern Tier		0		0		4	7		
Western		0		0		4	6		

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Source: NYSED, Office of Research and Information Systems

25-Jul-11

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Turnover Rate	Initial Certificates Issued			
		#	%			Est. FTE*		FTE*/New Hire	
						Lo	Hi	Lo	Hi
<b>Bilingual Ed Exts (issued to new teachers)</b>		<b>0</b>		<b>0</b>		<b>261</b>	<b>261</b>		
Capital		0		0					
Central		0		0		0	0		
Finger Lakes		0		0		1	2		
Hudson Valley		0		0		10	20		
Long Island		0		0		29	41		
Mohawk Valley		0		0		0	1		
New York City		0		0		150	264		
North Country		0		0					
Southern Tier		0		0		0	1		
Western		0		0		2	2		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
New York State	222,183	215,390	97%	5,087	26,428	26,428	5.2	
Capital	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
Arts (Visual, Music, Dance, Theatre)	966	955	99%	29	83	87	2.9	3.1
Art K-6*	169	166	98%	4				
Visual Arts, 7-12	254	252	99%	8	36	37	4.5	4.6
Music K-6*	159	157	99%	4				
Music 7-12	374	372	99%	12	46	49	3.9	4.1
Theatre/Speech K-12	8	7	89%	0	1	2		
Dance K-12	1	1	78%	1				
Interdisciplinary Arts	1	1	100%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Career &amp; Technical Education (CTE)</b>	724	697	96%	15	43	49	3.0	3.4
CTE Intro & Other (All or Most CTE Certs OK)	123	121	98%	1				
Agriculture	15	15	99%	0				
Aviation/Aerospace Mnfctrng & Mntnc Occ	2	2	100%	0				
Construction Indstry & Bldg Mntnc Occ	18	16	92%	1	3	4	3.3	3.8
Cosmetology Occupations	13	13	98%	0	0	0		
Electronic/Electro Mechanical Occupations	11	10	95%	0				
Family & Consumer Sci (Incl Food Srv, Textiles)	86	84	97%	3	9	9	2.9	3.1
Graphic, Printing and Visual Communications	7	6	90%	0				
Health Occupations	25	18	70%	3	7	7	2.8	2.8
Motorcycle, Marine & Outdoor Power Equipment	1	1	100%	0	1	1		
Precision Metal Work Occupations	6	6	100%	1	1	1	2.0	2.0
Security Operations	8	8	100%	0				
Vehicle Maintenance & Repair	24	24	100%	0	1	2		
Business & Marketing (Includes Travel)	127	125	98%	2	7	11	3.4	5.6
Technologies - Comp, Mech, Electr, CAD, Drafting	258	249	97%	4	14	14	3.5	3.5

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Elementary &amp; Early Childhood</b>	4,050	4,018	99%	83	480	635	5.8	7.7
PK - Grade 6 Certifications		0		0	1	1		
Birth - Grade 2 Certifications		0		0	105	159		
Grades 1-6 Certifications		0		0	374	475		
PreK FTE Assignments	73	70	96%	5				
Kindergarten FTE Teaching Assignments	552	546	99%	9				
K-12 Subject Code, PK-K Grade Code	1	1	100%	0				
Common Branch Grades 1-6 FTE Asmts	2,824	2,816	100%	59				
K-6 Subjects FTE Asmts	539	524	97%	11				
K-12 Subj Code, 1-6 Grade Code	60	60	100%	1				
<b>English (Mid/Sec)</b>	735	729	99%	11	87	102	7.8	9.0
English (Mid./Sec.)	735	729	99%	11	87	102	7.8	9.0
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	105	104	98%	3	18	19	6.3	6.8
ESOL Initial Certificates K-12		0		0	18	19		
ESOL, Not Sp. Ed. PK - 6	67	67	99%	2				
ESOL, Not Sp. Ed. 7-12	33	32	98%	1				
ESOL, Sp. Ed. PK - 6	3	2	94%	0				
ESOL, Sp. Ed. 7-12	2	2	85%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Languages Other Than English (LOTE)</b>	515	504	98%	17	47	53	2.8	3.1
Languages Other Than English (LOTE)	10	9	95%	0				
French	125	124	99%	1	9	10	6.5	7.4
Spanish	331	324	98%	15	32	36	2.2	2.4
German	17	17	100%	0	1	1		
Italian	6	6	97%	0				
Russian	4	4	100%	0				
Latin	14	13	94%	0	2	3		
Cantonese & Mandarin Chinese	5	4	79%	1	1	2	2.5	3.7
Japanese	2	2	100%	0				
Other Languages	1	1	100%	0	1	1		
<b>Library Media &amp; Ed. Technology Specialists</b>	239	234	98%	5	19	21	4.2	4.7
Library Media Specialist	237	234	98%	5	17	19	3.8	4.2
Educational Technology Specialist	1	0	15%	0	2	2		
<b>Mathematics (Mid/Sec)</b>	723	719	99%	16	60	76	3.7	4.7
Mathematics (Mid/Sec)	723	719	99%	16	60	76	3.7	4.7
<b>Health Education</b>	126	124	98%	1	27	30	21.8	24.0
Health Education	126	124	98%	1	27	30	21.8	24.0
<b>Physical Education</b>	684	679	99%	16	65	69	4.0	4.3
Physical Education	684	679	99%	16	65	69	4.0	4.3
<b>Reading &amp; Literacy</b>	252	244	97%	6	106	150	17.7	25.0
Reading & Literacy (Specialist Cert Req)	252	244	97%	6	106	150	17.7	25.0

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Science (Mid/Sec)</b>	801	784	98%	15	57	78	3.8	5.3
Earth Science (Mid/Sec)	145	140	96%	5	8	10	1.7	2.0
Biology-Life Sciences (Mid/Sec)	281	278	99%	4	35	45	7.9	10.0
Chemistry 7-12	125	123	99%	3	3	5	1.1	1.6
Physics 7-12	62	58	93%	0	1	2	2.8	4.5
Other Mid Sch Science (Integrated, Intermediate, Physical)	123	121	98%	1	0	3	0.3	2.8
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	65	64	99%	1	8	14	9.7	16.1
<b>Social Studies (Mid/Sec)</b>	705	701	99%	18	106	114	5.9	6.3
Social Studies (Mid/Sec)	705	701	99%	18	106	114	5.9	6.3
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	376	368	98%	0	35	37		
Deaf & Hearing Impaired	19	17	93%	0	1	2		
Blind & Visually Impaired	16	16	99%	0				
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	342	335	98%	0	34	35		
<b>Sp Ed Early Childhood &amp; Elementary</b>	918	914	100%	31	102	217	3.3	7.0
SWD Birth-Grade 2 Certifications		0		0	16	44		
SWD Grades 1-6 Certifications		0		0	86	173		
Sp Ed Preschool FTEs	5	5	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	912	909	100%	31				
Sp.Ed Home/Hospital PK-6	1	1	100%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Sp Ed Middle/Secondary</b>	1,035	1,025	99%	10	21	38	2.2	4.0
Sp Ed K-12 FTE Certifications		0		0	1	1		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	618	615	100%	5	3	16	0.6	3.5
Sp Ed Math Mid/Sec	77	75	98%	1	1	2	1.6	3.0
Sp Ed Social Studies Mid/Sec	55	54	99%	0	16	18	93.9	108.4
Sp Ed English Mid/Sec	70	69	99%	1	1	2	0.7	2.0
Sp Ed Science Mid/Sec	45	43	97%	0	0	0	0.0	0.0
Sp Ed Languages Other Than English (LOTE)	0	0	0%	0	0	0		
Sp Ed Home/Hospital FTEs Mid/Sec	1	1	75%	0				
Sp Ed Work Study FTEs	10	10	100%	0				
Other Special Class Mid/Sec FTEs	160	158	99%	3				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Academic Intervention Services (AIS) FTEs</b>	618	592	96%	10				
AIS Reading K-6, Reading/Lit Cert Req	183	177	97%	2				
AIS Reading Mid/Sec, Reading/Lit Cert Req	63	61	97%	1				
AIS Math K-6, No Specialist Cert Req	90	88	97%	1				
AIS Math Mid/Sec, Math or MS Gen Cert Req	88	86	97%	2				
AIS Science K-6, No Specialist Cert Req	2	1	56%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	18	18	100%	1				
AIS Social Studies K-6, No Specialist Cert Req	1	1	86%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	33	32	95%	1				
AIS English Language Arts K-6, No Specialist Cert Req	57	54	95%	2				
AIS English Language Arts Mid/Sec, Specialist Cert Req	50	47	93%	0				
AIS Other Subject K-6, No Specialist Cert Required	12	7	64%	0				
AIS Other Subject 7-12, Specialist Cert Required	21	21	100%	1				
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	103	102	99%	5				
Helping (Any Cert OK)	3	3	100%	0				
Driver Education (Any Cert OK)	3	3	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	19	18	95%	0				
Comm Serv for Credit Mid/Sec (Any Cert OK)	0	0	100%	0				
Absentee Teacher Reserve (Any Cert OK)	5	5	100%	1				
Study Skills (Any Cert OK)	26	26	100%	1				
Suspension (In-School & Out) (Any Cert OK)	5	5	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	30	30	100%	3				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	12	12	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Capital</b>	13,675	13,493	99%	290	1,355	1,781	4.7	6.1
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	-1	5		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	-1	5		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Arts (Visual, Music, Dance, Theatre)</b>	819	813	99%	20	80	84	3.9	4.1
Art K-6*	142	142	100%	3				
Visual Arts, 7-12	200	198	99%	5	29	29	5.6	5.7
Music K-6*	138	137	99%	3				
Music 7-12	333	332	100%	9	51	54	5.4	5.8
Theatre/Speech K-12	3	2	86%	0				
Dance K-12	1	1	89%	0				
Interdisciplinary Arts	1	1	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Career &amp; Technical Education (CTE)</b>	544	513	94%	17	33	34	2.0	2.0
CTE Intro & Other (All or Most CTE Certs OK)	97	91	95%	4				
Agriculture	13	12	94%	1	0	0	0.0	0.0
Aviation/Aerospace Mnfctrng & Mntnc Occ	0	0	100%	0				
Construction Indstry & Bldg Mntnc Occ	8	6	73%	0	1	1		
Cosmetology Occupations	12	12	100%	0	2	2		
Electronic/Electro Mechanical Occupations	8	8	97%	0	1	1		
Family & Consumer Sci (Incl Food Srv, Textiles)	54	50	93%	4	4	5	1.1	1.3
Graphic, Printing and Visual Communications	7	6	97%	0				
Health Occupations	14	11	79%	0	1	1		
Motorcyle, Marine & Outdoor Power Equipment	3	2	67%	1	1	1	1.0	1.0
Precision Metal Work Occupations	4	3	71%	0				
Security Operations	4	4	100%	0	0	0		
Vehicle Maintenance & Repair	19	16	82%	1				
Business & Marketing (Includes Travel)	98	97	99%	3	8	7	2.3	2.3
Technologies - Comp, Mech, Electr, CAD, Drafting	202	193	96%	3	16	16	5.2	5.2

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Elementary &amp; Early Childhood</b>	3,200	3,189	100%	61	330	493	5.4	8.1
PK - Grade 6 Certifications		0		0	2	2		
Birth - Grade 2 Certifications		0		0	44	100		
Grades 1-6 Certifications		0		0	284	391		
PreK FTE Assignments	75	74	99%	2				
Kindergarten FTE Teaching Assignments	385	382	99%	9				
Bilingual K-6 FTEs, Grade Code K FTEs	1	1	100%	0				
K-12 Subject Code, PK-K Grade Code	5	5	100%	0				
Common Branch Grades 1-6 FTE Asmts	2,362	2,359	100%	47				
K-6 Subjects FTE Asmts	297	294	99%	2				
Bilingual K-6, Grade Codes 1-6 FTEs	5	4	80%	0				
K-12 Subj Code, 1-6 Grade Code	70	70	100%	1				
<b>English (Mid/Sec)</b>	601	599	100%	19	64	71	3.3	3.7
English (Mid./Sec.)	601	599	100%	19	64	71	3.3	3.7
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	92	88	95%	7	12	14	1.7	2.0
ESOL Initial Certificates K-12		0		0	12	14		
ESOL, Not Sp. Ed. PK - 6	61	57	94%	4				
ESOL, Not Sp. Ed. 7-12	28	27	99%	3				
ESOL, Sp. Ed. 7-12	3	3	95%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Languages Other Than English (LOTE)</b>	380	368	97%	12	39	43	3.2	3.5
Languages Other Than English (LOTE)	2	2	100%	0				
French	88	87	99%	0	3	5		
Spanish	253	250	99%	12	32	34	2.7	2.9
German	16	16	100%	0	1	1		
Italian	5	3	66%	0				
Russian	0	0	0%	0				
Latin	9	8	90%	0	0	1		
ASL	3	1	33%	0	1	1		
Cantonese & Mandarin Chinese	1	0	40%	0	1	1	2.8	2.8
Other Languages	2	0	0%	0				
<b>Library Media &amp; Ed. Technology Specialists</b>	199	196	98%	4	15	16	3.8	3.9
Library Media Specialist	199	196	98%	4	15	16	3.8	3.9
Educational Technology Specialist	1	0	0%	0	0	0		
<b>Mathematics (Mid/Sec)</b>	567	563	99%	18	41	49	2.3	2.7
Mathematics (Mid/Sec)	567	563	99%	18	41	49	2.3	2.7
<b>Health Education</b>	119	114	96%	1	16	16	15.5	16.3
Health Education	119	114	96%	1	16	16	15.5	16.3
<b>Physical Education</b>	550	547	99%	8	54	56	6.4	6.6
Physical Education	550	547	99%	8	54	56	6.4	6.6
<b>Reading &amp; Literacy</b>	114	111	98%	1	53	62	43.8	51.5
Reading & Literacy (Specialist Cert Req)	114	111	98%	1	53	62	43.8	51.5

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Science (Mid/Sec)</b>	632	612	97%	14	44	57	3.1	4.0
Earth Science (Mid/Sec)	119	112	94%	3	9	10	2.7	3.2
Biology-Life Sciences (Mid/Sec)	212	209	99%	7	27	33	4.2	5.0
Chemistry 7-12	102	100	98%	1	3	4	3.2	4.6
Physics 7-12	50	47	94%	1	3	3	2.5	2.4
Other Mid Sch Science (Integrated, Intermediate, Physical)	103	100	97%	2	0	1	0.1	0.4
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	46	44	96%	0	2	6	10.6	27.9
<b>Social Studies (Mid/Sec)</b>	573	571	100%	11	73	86	6.6	7.8
Social Studies (Mid/Sec)	573	571	100%	11	73	86	6.6	7.8
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	340	337	99%	3	32	33	10.7	11.0
Deaf & Hearing Impaired	31	30	97%	1	1	2	1.0	1.8
Blind & Visually Impaired	15	14	92%	0	0	0		
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	295	294	100%	2	31	31	15.5	15.6
<b>Sp Ed Early Childhood &amp; Elementary</b>	756	750	99%	18	75	199	4.2	11.1
SWD Birth-Grade 2 Certifications		0		0	12	45		
SWD Grades 1-6 Certifications		0		0	63	153		
Sp Ed Preschool FTEs	46	45	99%	0				
Sp Ed PreK FTEs	1	1	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	709	703	99%	18				
Sp.Ed Home/Hospital PK-6	0	0	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Sp Ed Middle/Secondary</b>	703	692	98%	15	30	65	2.0	4.3
Sp Ed K-12 FTE Certifications		0		0	1	1		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	480	480	100%	10	6	27	0.6	2.7
Sp Ed Math Mid/Sec	46	42	90%	1	3	5	3.7	6.6
Sp Ed Social Studies Mid/Sec	29	28	96%	1	16	23	28.2	39.4
Sp Ed English Mid/Sec	43	42	97%	1	2	6	3.4	9.6
Sp Ed Science Mid/Sec	25	23	94%	0	2	3	3.8	6.4
Sp Ed Languages Other Than English (LOTE)	2	2	100%	0	0	1		
Sp Ed Home/Hospital FTEs Mid/Sec	1	0	19%	0				
Sp Ed Work Study FTEs	12	12	97%	0				
Other Special Class Mid/Sec FTEs	64	63	98%	2				
<b>Academic Intervention Services (AIS) FTEs</b>	474	460	97%	12				
AIS Reading K-6, Reading/Lit Cert Req	136	129	95%	3				
AIS Reading Mid/Sec, Reading/Lit Cert Req	49	47	96%	0				
AIS Math K-6, No Specialist Cert Req	68	67	98%	1				
AIS Math Mid/Sec, Math or MS Gen Cert Req	63	63	100%	3				
AIS Science K-6, No Specialist Cert Req	3	3	95%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	14	14	100%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	22	22	99%	1				
AIS English Language Arts K-6, No Specialist Cert Req	26	26	100%	3				
AIS English Language Arts Mid/Sec, Specialist Cert Req	41	40	98%	1				
AIS Other Subject K-6, No Specialist Cert Required	20	17	85%	0				
AIS Other Subject 7-12, Specialist Cert Required	31	31	100%	1				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Central</b>	10,734	10,593	99%	244	992	1,398	4.1	5.7
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	71	71	99%	1				
Helping (Any Cert OK)	2	2	100%	0				
Driver Education (Any Cert OK)	2	2	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	3	3	96%	0				
Study Skills (Any Cert OK)	29	29	99%	0				
Suspension (In-School & Out) (Any Cert OK)	2	2	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	30	30	100%	1				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	3	3	100%	0				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	1	21		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	1	21		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Arts (Visual, Music, Dance, Theatre)</b>	1,244	1,233	99%	23	119	125	5.1	5.4
Art K-6*	206	205	100%	4				
Visual Arts, 7-12	293	289	99%	4	56	57	14.5	14.8
Music K-6*	211	211	100%	4				
Music 7-12	518	516	100%	11	60	63	5.3	5.6
Theatre/Speech K-12	9	7	74%	0	1	2		
Dance K-12	6	5	86%	0	1	3		
Interdisciplinary Arts	1	1	73%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Career &amp; Technical Education (CTE)</b>	858	818	95%	20	50	51	2.5	2.6
CTE Intro & Other (All or Most CTE Certs OK)	161	150	93%	4				
Agriculture	14	14	100%	0	1	1		
Aviation/Aerospace Mnfctrng & Mntnc Occ	0	0	100%	0				
Construction Indstry & Bldg Mntnc Occ	24	22	91%	2	6	6	3.0	3.0
Cosmetology Occupations	18	18	100%	1	0	0	0.0	0.0
Electronic/Electro Mechanical Occupations	15	15	98%	0				
Family & Consumer Sci (Incl Food Srv, Textiles)	84	80	95%	2	5	6	2.3	2.5
Graphic, Printing and Visual Communications	15	13	87%	1	1	1	1.2	1.1
Health Occupations	22	20	93%	1	1	1	1.0	1.0
Motorcyle, Marine & Outdoor Power Equipment	1	1	100%	0	1	1		
Precision Metal Work Occupations	16	14	91%	0	2	2		
Security Operations	9	8	89%	2	1	1	0.6	0.6
Vehicle Maintenance & Repair	31	31	100%	1				
Business & Marketing (Includes Travel)	151	147	97%	2	17	16	6.7	6.6
Technologies - Comp, Mech, Electr, CAD, Drafting	296	285	96%	4	14	15	3.6	3.8

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Elementary &amp; Early Childhood</b>	4,782	4,737	99%	67	376	683	5.6	10.2
PK - Grade 6 Certifications		0		0	10	11		
Birth - Grade 2 Certifications		0		0	76	141		
Grades 1-6 Certifications		0		0	290	531		
PreK FTE Assignments	93	92	99%	1				
Kindergarten FTE Teaching Assignments	575	568	99%	7				
Bilingual K-6 FTEs, Grade Code K FTEs	7	7	100%	0				
K-12 Subject Code, PK-K Grade Code	8	8	100%	0				
Common Branch Grades 1-6 FTE Asmts	3,407	3,394	100%	49				
K-6 Subjects FTE Asmts	502	494	99%	5				
Bilingual K-6, Grade Codes 1-6 FTEs	51	37	72%	1				
K-12 Subj Code, 1-6 Grade Code	139	137	99%	4				
<b>English (Mid/Sec)</b>	894	878	98%	24	63	102	2.6	4.3
English (Mid./Sec.)	894	878	98%	24	63	102	2.6	4.3
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	229	221	96%	12	19	21	1.5	1.7
ESOL Initial Certificates K-12		0		0	19	21		
ESOL, Not Sp. Ed. PK - 6	156	149	96%	9				
ESOL, Not Sp. Ed. 7-12	63	62	99%	2				
ESOL, Sp. Ed. PK - 6	6	6	100%	0				
ESOL, Sp. Ed. 7-12	4	3	73%	2				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Languages Other Than English (LOTE)</b>	561	544	97%	15	31	53	2.1	3.6
Languages Other Than English (LOTE)	11	11	97%	0				
French	110	107	97%	4	7	9	1.5	2.1
Spanish	368	364	99%	7	21	38	2.9	5.3
German	23	20	86%	1	1	2	2.1	2.9
Italian	19	18	97%	0				
Russian	1	0	75%	0	0	1		
Latin	17	14	83%	0				
ASL	11	8	76%	2	1	2	0.5	0.7
Cantonese & Mandarin Chinese	1	1	83%	0	1	1		
Japanese	0	0	100%	0				
Other Languages	1	0	19%	0				
<b>Library Media &amp; Ed. Technology Specialists</b>	278	272	98%	9	21	22	2.4	2.4
Library Media Specialist	276	272	98%	9	18	19	2.0	2.1
Educational Technology Specialist	2	0	0%	0	3	3		
<b>Mathematics (Mid/Sec)</b>	862	845	98%	14	66	100	4.8	7.2
Mathematics (Mid/Sec)	862	845	98%	14	66	100	4.8	7.2
<b>Health Education</b>	166	159	95%	8	21	26	2.6	3.2
Health Education	166	159	95%	8	21	26	2.6	3.2
<b>Physical Education</b>	880	876	100%	17	82	86	4.9	5.1
Physical Education	880	876	100%	17	82	86	4.9	5.1

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

# NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Reading &amp; Literacy</b>	205	201	98%	1	83	120	60.9	87.5
Reading & Literacy (Specialist Cert Req)	205	201	98%	1	83	120	60.9	87.5
<b>Science (Mid/Sec)</b>	975	947	97%	30	66	117	2.2	3.9
Earth Science (Mid/Sec)	182	176	96%	5	9	15	1.7	2.7
Biology-Life Sciences (Mid/Sec)	322	319	99%	10	30	48	3.1	5.0
Chemistry 7-12	160	154	96%	4	12	23	3.0	6.0
Physics 7-12	87	81	93%	6	4	5	0.6	0.9
Other Mid Sch Science (Integrated, Intermediate, Physical)	157	153	97%	4	0	4	0.1	1.2
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	66	64	96%	2	11	22	6.1	12.1
<b>Social Studies (Mid/Sec)</b>	878	869	99%	13	97	144	7.7	11.4
Social Studies (Mid/Sec)	878	869	99%	13	97	144	7.7	11.4
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	591	575	97%	7	60	64	8.4	9.0
Deaf & Hearing Impaired	39	36	93%	1	6	10	6.0	9.9
Blind & Visually Impaired	39	39	99%	0	1	1		
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	513	499	97%	6	53	53	8.6	8.7
<b>Sp Ed Early Childhood &amp; Elementary</b>	1,197	1,185	99%	37	172	420	4.7	11.4
SWD Birth-Grade 2 Certifications		0		0	27	62		
SWD Grades 1-6 Certifications		0		0	145	359		
Sp Ed Preschool FTEs	16	16	100%	0				
Sp Ed PreK FTEs	2	2	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	1,167	1,161	100%	37				
Sp Ed. K-6 Bilinugal FTEs	12	6	49%	0				
Sp.Ed Home/Hospital PK-6	0	0	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Sp Ed Middle/Secondary</b>	1,467	1,439	98%	50	57	154	1.1	3.1
Sp Ed K-12 FTE Certifications		0		0	1	2		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	825	822	100%	27	6	26	0.2	1.0
Sp Ed Math Mid/Sec	131	125	95%	7	6	18	0.9	2.4
Sp Ed Social Studies Mid/Sec	116	113	97%	4	23	51	5.6	12.5
Sp Ed English Mid/Sec	128	125	98%	2	14	33	6.1	14.7
Sp Ed Science Mid/Sec	91	84	93%	7	5	16	0.8	2.5
Sp Ed Languages Other Than English (LOTE)	2	0	9%	0	2	8	9.0	39.7
Sp Ed Home/Hospital FTEs Mid/Sec	11	11	100%	0				
Sp Ed Work Study FTEs	16	15	97%	1				
Other Special Class Mid/Sec FTEs	147	143	98%	2				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	6	4	65%	1				
Reg Ed Bilingual 7-12 FTEs All Subjects	3	2	76%	0				
Sp Ed Bilingual 7-12 FTEs All Subjects	2	1	50%	1				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Academic Intervention Services (AIS) FTEs</b>	756	708	94%	24				
AIS Reading K-6, Reading/Lit Cert Req	242	226	94%	10				
AIS Reading Mid/Sec, Reading/Lit Cert Req	77	69	90%	1				
AIS Math K-6, No Specialist Cert Req	80	79	98%	2				
AIS Math Mid/Sec, Math or MS Gen Cert Req	101	98	96%	3				
AIS Science K-6, No Specialist Cert Req	2	2	80%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	23	22	95%	2				
AIS Social Studies K-6, No Specialist Cert Req	2	2	76%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	37	35	95%	0				
AIS English Language Arts K-6, No Specialist Cert Req	77	68	88%	0				
AIS English Language Arts Mid/Sec, Specialist Cert Req	67	64	96%	2				
AIS Other Subject K-6, No Specialist Cert Required	10	7	65%	0				
AIS Other Subject 7-12, Specialist Cert Required	38	37	99%	2				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Finger Lakes</b>	17,064	16,744	98%	374	1,386	2,305	3.7	6.2
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	235	234	100%	2				
Helping (Any Cert OK)	42	42	100%	2				
Driver Education (Any Cert OK)	6	6	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	18	18	100%	0				
Comm Serv for Credit Mid/Sec (Any Cert OK)	1	1	100%	0				
Absentee Teacher Reserve (Any Cert OK)	3	3	100%	0				
Study Skills (Any Cert OK)	37	37	99%	0				
Home/Hospital Instruction, Not Sp. Ed.	33	32	98%	0				
Suspension (In-School & Out) (Any Cert OK)	41	41	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	26	26	100%	0				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	29	29	100%	0				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	1	17		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	1	17		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	1	2		
Bilingual Ed Exts (issued to new teachers)		0		0	1	2		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Arts (Visual, Music, Dance, Theatre)</b>	2,118	2,095	99%	46	155	164	3.4	3.6
Art K-6*	368	367	100%	6				
Visual Arts, 7-12	566	557	98%	9	94	97	10.7	11.1
Music K-6*	329	326	99%	9				
Music 7-12	816	810	99%	21	57	59	2.8	2.9
Theatre/Speech K-12	22	19	88%	0	3	5		
Dance K-12	8	7	90%	1	2	2	1.5	2.2
Interdisciplinary Arts	10	8	79%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Career &amp; Technical Education (CTE)</b>	1,041	976	94%	27	50	62	1.9	2.3
CTE Intro & Other (All or Most CTE Certs OK)	168	154	91%	2				
Agriculture	11	10	93%	1	0	1	0.0	0.6
Aviation/Aerospace Mnfctrng & Mntnc Occ	4	1	19%	0	1	1		
Construction Indstry & Bldg Mntnc Occ	34	32	96%	3	5	6	1.8	2.2
Cosmetology Occupations	29	29	100%	1	2	2	2.0	2.0
Electronic/Electro Mechanical Occupations	14	14	94%	2	1	2	0.6	1.5
Family & Consumer Sci (Incl Food Srv, Textiles)	130	124	95%	2	6	8	2.9	4.1
Graphic, Printing and Visual Communications	22	20	91%	1	3	4	4.7	6.3
Health Occupations	39	36	94%	2	3	4	1.9	2.3
Motorcycle, Marine & Outdoor Power Equipment	4	4	100%	0	0	0		
Precision Metal Work Occupations	7	7	100%	0	0	0		
Security Operations	11	11	99%	1	2	2	2.0	2.0
Vehicle Maintenance & Repair	36	35	98%	2	1	1	0.6	0.6
Business & Marketing (Includes Travel)	162	155	96%	2	15	19	6.9	8.6
Technologies - Comp, Mech, Electr, CAD, Drafting	370	344	93%	9	12	13	1.4	1.4

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Elementary &amp; Early Childhood</b>	8,597	8,563	100%	71	1,051	1,523	14.8	21.5
PK - Grade 6 Certifications		0		0	10	10		
Birth - Grade 2 Certifications		0		0	166	322		
Grades 1-6 Certifications		0		0	875	1,191		
PreK FTE Assignments	180	179	100%	4				
Kindergarten FTE Teaching Assignments	1,101	1,094	99%	10				
Bilingual K-6, Grade Code PK FTEs	5	5	100%	0				
Bilingual K-6 FTEs, Grade Code K FTEs	23	23	100%	0				
K-12 Subject Code, PK-K Grade Code	6	6	100%	1				
Common Branch Grades 1-6 FTE Asmts	5,803	5,796	100%	40				
K-6 Subjects FTE Asmts	1,219	1,205	99%	12				
Bilingual K-6, Grade Codes 1-6 FTEs	98	91	93%	3				
K-12 Subj Code, 1-6 Grade Code	163	163	100%	1				
<b>English (Mid/Sec)</b>	1,621	1,608	99%	18	197	235	10.8	12.9
English (Mid./Sec.)	1,621	1,608	99%	18	197	235	10.8	12.9
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	580	577	100%	10	67	73	7.0	7.6
ESOL Initial Certificates K-12		0		0	67	73		
ESOL, Not Sp. Ed. PK - 6	388	387	100%	5				
ESOL, Not Sp. Ed. 7-12	176	176	100%	5				
ESOL, Sp. Ed. PK - 6	9	9	100%	0				
ESOL, Sp. Ed. 7-12	7	6	92%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Languages Other Than English (LOTE)</b>	1,209	1,180	98%	34	74	95	2.2	2.8
Languages Other Than English (LOTE)	9	9	98%	0				
French	197	193	98%	3	10	12	3.2	3.8
Spanish	803	790	98%	24	49	62	2.0	2.6
German	12	12	100%	0	0	0		
Italian	135	131	97%	4	5	7	1.4	1.7
Hebrew	0	0	0%	0				
Latin	30	28	93%	0	2	2		
ASL	5	3	54%	0				
Cantonese & Mandarin Chinese	14	12	88%	2	5	10	2.7	4.9
Japanese	2	2	92%	0	1	2		
Other Languages	0	0	0%	0				
<b>Library Media &amp; Ed. Technology Specialists</b>	476	464	97%	10	29	33	3.0	3.4
Library Media Specialist	458	450	98%	10	21	24	2.2	2.5
Educational Technology Specialist	18	13	74%	0	8	9		
<b>Mathematics (Mid/Sec)</b>	1,553	1,547	100%	36	169	207	4.6	5.7
Mathematics (Mid/Sec)	1,553	1,547	100%	36	169	207	4.6	5.7
<b>Health Education</b>	293	275	94%	6	24	32	3.8	5.0
Health Education	293	275	94%	6	24	32	3.8	5.0
<b>Physical Education</b>	1,403	1,399	100%	23	122	137	5.3	5.9
Physical Education	1,403	1,399	100%	23	122	137	5.3	5.9

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Reading &amp; Literacy</b>	460	453	99%	1	89	136	78.3	118.7
Reading & Literacy (Specialist Cert Req)	460	453	99%	1	89	136	78.3	118.7
<b>Science (Mid/Sec)</b>	1,770	1,718	97%	35	148	182	4.3	5.3
Earth Science (Mid/Sec)	328	306	93%	8	27	32	3.4	4.1
Biology-Life Sciences (Mid/Sec)	626	619	99%	16	79	94	4.9	5.8
Chemistry 7-12	304	297	98%	4	22	26	5.4	6.3
Physics 7-12	154	148	96%	2	15	20	8.5	11.4
Other Mid Sch Science (Integrated, Intermediate, Physical)	221	215	98%	3	0	0	0.0	0.0
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	137	134	98%	2	4	10	2.8	6.2
<b>Social Studies (Mid/Sec)</b>	1,578	1,565	99%	22	219	259	10.0	11.8
Social Studies (Mid/Sec)	1,578	1,565	99%	22	219	259	10.0	11.8
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	817	799	98%	16	120	124	7.7	8.0
Deaf & Hearing Impaired	51	48	93%	3	3	5	1.0	1.8
Blind & Visually Impaired	39	36	94%	0	4	6		
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	727	714	98%	13	113	113	9.0	9.0

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Sp Ed Early Childhood &amp; Elementary</b>	2,205	2,192	99%	34	299	672	8.7	19.6
SWD Birth-Grade 2 Certifications		0		0	70	181		
SWD Grades 1-6 Certifications		0		0	229	491		
Sp Ed Preschool FTEs	23	22	96%	0				
Sp Ed PreK FTEs	1	1	100%	0				
Sp Ed. PreK Bilinugal FTEs	1	1	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	2,177	2,165	99%	34				
Sp Ed. K-6 Bilinugal FTEs	4	4	100%	0				
Sp.Ed Home/Hospital PK-6	1	0	50%	0				
<b>Sp Ed Middle/Secondary</b>	2,451	2,416	99%	32	114	175	3.6	5.5
Sp Ed K-12 FTE Certifications		0		0	2	2		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	1,271	1,269	100%	12	61	83	5.0	6.9
Sp Ed Math Mid/Sec	235	227	97%	6	9	15	1.4	2.5
Sp Ed Social Studies Mid/Sec	224	220	98%	3	22	40	6.4	11.6
Sp Ed English Mid/Sec	267	259	97%	4	14	25	3.5	6.2
Sp Ed Science Mid/Sec	177	169	96%	2	6	9	2.7	3.8
Sp Ed Languages Other Than English (LOTE)	2	1	77%	0	0	1		
Sp Ed Home/Hospital FTEs Mid/Sec	2	2	100%	0				
Sp Ed Work Study FTEs	18	17	93%	0				
Other Special Class Mid/Sec FTEs	255	252	99%	4				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	14	13	96%	0				
Reg Ed Bilingual 7-12 FTEs All Subjects	7	7	95%	0				
Sp Ed Bilingual 7-12 FTEs All Subjects	7	6	97%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Academic Intervention Services (AIS) FTEs</b>	920	846	92%	20				
AIS Reading K-6, Reading/Lit Cert Req	280	253	90%	7				
AIS Reading Mid/Sec, Reading/Lit Cert Req	81	68	83%	0				
AIS Math K-6, No Specialist Cert Req	150	145	97%	3				
AIS Math Mid/Sec, Math or MS Gen Cert Req	143	137	96%	6				
AIS Science K-6, No Specialist Cert Req	3	2	86%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	26	25	96%	1				
AIS Social Studies K-6, No Specialist Cert Req	4	2	51%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	36	34	95%	0				
AIS English Language Arts K-6, No Specialist Cert Req	67	59	88%	1				
AIS English Language Arts Mid/Sec, Specialist Cert Req	84	77	92%	2				
AIS Other Subject K-6, No Specialist Cert Required	9	6	73%	0				
AIS Other Subject 7-12, Specialist Cert Required	37	37	100%	0				
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	200	199	99%	5				
Helping (Any Cert OK)	13	13	100%	0				
Driver Education (Any Cert OK)	4	4	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	35	35	99%	0				
Comm Serv for Credit Mid/Sec (Any Cert OK)	1	1	100%	0				
Absentee Teacher Reserve (Any Cert OK)	6	6	100%	1				
Study Skills (Any Cert OK)	43	43	100%	1				
Suspension (In-School & Out) (Any Cert OK)	26	26	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	26	26	100%	0				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	45	44	98%	3				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Hudson Valley</b>	29,306	28,886	99%	445	2,947	4,154	6.6	9.3
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	12	29		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	12	29		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	10	20		
Bilingual Ed Exts (issued to new teachers)		0		0	10	20		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Arts (Visual, Music, Dance, Theatre)</b>	3,011	2,991	99%	57	263	275	4.6	4.9
Art K-6*	456	453	99%	10				
Visual Arts, 7-12	762	753	99%	13	121	126	9.5	9.9
Music K-6*	456	455	100%	9				
Music 7-12	1,299	1,297	100%	25	130	134	5.2	5.3
Theatre/Speech K-12	22	18	85%	0	7	9		
Dance K-12	14	12	90%	0	4	5		
Interdisciplinary Arts	2	2	85%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Career &amp; Technical Education (CTE)</b>	1,545	1,510	98%	44	125	142	2.8	3.2
CTE Intro & Other (All or Most CTE Certs OK)	275	269	98%	7				
Agriculture	10	10	100%	0	2	2		
Aviation/Aerospace Mnfctrng & Mntnc Occ	7	6	86%	1				
Construction Indstry & Bldg Mntnc Occ	24	22	94%	0	1	1		
Cosmetology Occupations	36	36	100%	1	4	4	4.0	4.0
Electronic/Electro Mechanical Occupations	20	18	94%	1				
Family & Consumer Sci (Incl Food Srv, Textiles)	177	173	98%	5	22	24	4.6	5.2
Graphic, Printing and Visual Communications	24	22	93%	0	2	3		
Health Occupations	27	24	90%	3	10	11	3.2	3.4
Motorcycle, Marine & Outdoor Power Equipment	3	3	93%	0				
Precision Metal Work Occupations	5	4	88%	0				
Security Operations	7	7	100%	0				
Vehicle Maintenance & Repair	30	29	98%	0	3	4		
Business & Marketing (Includes Travel)	339	335	99%	8	48	58	6.1	7.5
Technologies - Comp, Mech, Electr, CAD, Drafting	562	552	98%	19	34	35	1.8	1.8

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Elementary &amp; Early Childhood</b>	11,469	11,443	100%	109	1,465	2,446	13.5	22.5
PK - Grade 6 Certifications		0		0	11	12		
Birth - Grade 2 Certifications		0		0	231	594		
Grades 1-6 Certifications		0		0	1,224	1,840		
PreK FTE Assignments	154	153	99%	4				
Kindergarten FTE Teaching Assignments	1,462	1,458	100%	22				
Bilingual K-6 FTEs, Grade Code K FTEs	23	23	100%	0				
K-12 Subject Code, PK-K Grade Code	13	13	100%	2				
Common Branch Grades 1-6 FTE Asmts	8,111	8,105	100%	61				
K-6 Subjects FTE Asmts	1,376	1,364	99%	16				
Bilingual K-6, Grade Codes 1-6 FTEs	97	95	98%	0				
K-12 Subj Code, 1-6 Grade Code	233	233	100%	4				
<b>English (Mid/Sec)</b>	2,068	2,062	100%	30	277	322	9.2	10.6
English (Mid./Sec.)	2,068	2,062	100%	30	277	322	9.2	10.6
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	813	807	99%	20	107	123	5.2	6.0
ESOL Initial Certificates K-12		0		0	107	123		
ESOL, Not Sp. Ed. PK - 6	531	528	99%	13				
ESOL, Not Sp. Ed. 7-12	260	257	99%	6				
ESOL, Sp. Ed. PK - 6	11	11	100%	1				
ESOL, Sp. Ed. 7-12	11	11	100%	1				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Languages Other Than English (LOTE)</b>	1,656	1,630	98%	44	126	172	2.9	3.9
Languages Other Than English (LOTE)	35	35	100%	1				
French	202	200	99%	4	12	15	3.3	4.0
Spanish	1,069	1,055	99%	33	81	118	2.5	3.6
German	16	16	97%	1	1	1	1.7	1.7
Italian	252	249	99%	5	19	24	4.0	5.0
Russian	4	4	95%	0	0	1	1.3	3.8
Hebrew	3	3	100%	0	1	2	5.0	8.3
Latin	31	27	88%	1	4	4	4.2	4.2
ASL	27	25	94%	0	2	3		
Cantonese & Mandarin Chinese	14	14	97%	0	4	4		
Japanese	2	2	100%	0	1	1		
Other Languages	0	0	0%	0				
<b>Library Media &amp; Ed. Technology Specialists</b>	651	646	99%	9	29	33	3.2	3.7
Library Media Specialist	641	638	100%	9	23	24	2.6	2.8
Educational Technology Specialist	10	9	89%	0	6	8		
<b>Mathematics (Mid/Sec)</b>	2,040	2,033	100%	34	287	326	8.4	9.5
Mathematics (Mid/Sec)	2,040	2,033	100%	34	287	326	8.4	9.5
<b>Health Education</b>	412	398	97%	5	64	82	12.0	15.5
Health Education	412	398	97%	5	64	82	12.0	15.5
<b>Physical Education</b>	1,841	1,834	100%	25	233	252	9.3	10.1
Physical Education	1,841	1,834	100%	25	233	252	9.3	10.1

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Reading &amp; Literacy</b>	818	809	99%	7	145	192	22.3	29.5
Reading & Literacy (Specialist Cert Req)	818	809	99%	7	145	192	22.3	29.5
<b>Science (Mid/Sec)</b>	2,475	2,435	98%	63	192	309	3.1	4.9
Earth Science (Mid/Sec)	506	488	96%	18	32	47	1.7	2.6
Biology-Life Sciences (Mid/Sec)	814	806	99%	15	102	138	6.8	9.3
Chemistry 7-12	443	439	99%	11	24	43	2.2	4.1
Physics 7-12	213	210	98%	6	9	12	1.5	2.1
Other Mid Sch Science (Integrated, Intermediate, Physical)	284	280	98%	7	3	11	0.4	1.5
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	214	212	99%	6	23	57	4.0	9.7
<b>Social Studies (Mid/Sec)</b>	2,062	2,055	100%	25	373	427	14.9	17.0
Social Studies (Mid/Sec)	2,062	2,055	100%	25	373	427	14.9	17.0
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	1,273	1,257	99%	16	190	200	11.9	12.5
Deaf & Hearing Impaired	88	87	98%	1	4	9	4.1	9.2
Blind & Visually Impaired	62	61	99%	2	3	2	1.3	1.2
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	1,122	1,109	99%	13	184	189	14.1	14.5
<b>Sp Ed Early Childhood &amp; Elementary</b>	2,785	2,777	100%	43	433	1,292	10.1	30.1
SWD Birth-Grade 2 Certifications		0		0	105	440		
SWD Grades 1-6 Certifications		0		0	328	852		
Sp Ed Preschool FTEs	48	47	98%	0				
Sp Ed PreK FTEs	1	1	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	2,732	2,726	100%	43				
Sp Ed. K-6 Bilinugal FTEs	0	0	100%	0				
Sp.Ed Home/Hospital PK-6	3	3	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Sp Ed Middle/Secondary</b>	2,948	2,922	99%	40	135	243	3.4	6.1
Sp Ed K-12 FTE Certifications		0		0	2	2		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	1,685	1,682	100%	26	72	127	2.8	4.9
Sp Ed Math Mid/Sec	239	231	97%	2	5	12	2.7	7.1
Sp Ed Social Studies Mid/Sec	227	223	98%	2	22	46	9.9	21.4
Sp Ed English Mid/Sec	254	251	99%	4	31	45	7.0	10.1
Sp Ed Science Mid/Sec	205	198	97%	2	3	8	1.1	3.6
Sp Ed Languages Other Than English (LOTE)	3	2	66%	0	1	2		
Sp Ed Home/Hospital FTEs Mid/Sec	5	5	100%	0				
Sp Ed Work Study FTEs	9	9	98%	0				
Other Special Class Mid/Sec FTEs	322	320	99%	4				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	8	5	60%	0				
Reg Ed Bilingual 7-12 FTEs All Subjects	8	5	58%	0				
Sp Ed Bilingual 7-12 FTEs All Subjects	0	0	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Academic Intervention Services (AIS) FTEs</b>	997	975	98%	15				
AIS Reading K-6, Reading/Lit Cert Req	311	305	98%	0				
AIS Reading Mid/Sec, Reading/Lit Cert Req	110	106	97%	0				
AIS Math K-6, No Specialist Cert Req	118	116	99%	3				
AIS Math Mid/Sec, Math or MS Gen Cert Req	185	183	99%	9				
AIS Science K-6, No Specialist Cert Req	4	3	80%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	50	49	98%	1				
AIS Social Studies K-6, No Specialist Cert Req	1	1	75%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	38	36	94%	0				
AIS English Language Arts K-6, No Specialist Cert Req	48	47	98%	0				
AIS English Language Arts Mid/Sec, Specialist Cert Req	87	86	99%	1				
AIS Other Subject K-6, No Specialist Cert Required	11	8	79%	0				
AIS Other Subject 7-12, Specialist Cert Required	35	35	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Long Island</b>	39,191	38,906	99%	627	4,490	6,932	7.2	11.1
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	319	316	99%	41				
Safety Education (any Cert OK)	1	0	0%	0				
Helping (Any Cert OK)	12	12	100%	0				
Driver Education (Any Cert OK)	4	4	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	42	42	100%	0				
Comm Serv for Credit Mid/Sec (Any Cert OK)	0	0	100%	0				
Absentee Teacher Reserve (Any Cert OK)	144	143	99%	39				
Study Skills (Any Cert OK)	37	37	100%	1				
Suspension (In-School & Out) (Any Cert OK)	16	16	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	14	14	100%	0				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	50	49	98%	1				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	19	56		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	19	56		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	29	41		
Bilingual Ed Exts (issued to new teachers)		0		0	29	41		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Arts (Visual, Music, Dance, Theatre)</b>	481	476	99%	20	51	53	2.6	2.7
Art K-6*	82	82	100%	7				
Visual Arts, 7-12	108	106	98%	2	19	21	12.9	14.1
Music K-6*	81	81	100%	4				
Music 7-12	206	205	99%	7	31	31	4.3	4.3
Theatre/Speech K-12	3	1	46%	0				
Dance K-12	1	1	100%	0	1	1		
Interdisciplinary Arts	0	0	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Career &amp; Technical Education (CTE)</b>	335	322	96%	15	21	23	1.4	1.6
CTE Intro & Other (All or Most CTE Certs OK)	52	51	98%	2				
Agriculture	8	8	97%	1	1	1	1.3	1.3
Aviation/Aerospace Mnfctrng & Mntnc Occ	1	1	53%	0				
Construction Indstry & Bldg Mntnc Occ	4	4	100%	0	1	2		
Cosmetology Occupations	5	5	100%	0				
Electronic/Electro Mechanical Occupations	5	5	94%	0				
Family & Consumer Sci (Incl Food Srv, Textiles)	36	33	94%	2	4	5	2.6	3.0
Graphic, Printing and Visual Communications	3	2	85%	0				
Health Occupations	4	3	72%	0				
Motorcyle, Marine & Outdoor Power Equipment	1	1	100%	0				
Precision Metal Work Occupations	3	3	96%	0				
Security Operations	2	2	100%	0				
Vehicle Maintenance & Repair	5	5	100%	0	2	2		
Business & Marketing (Includes Travel)	73	72	99%	4	6	7	1.5	1.6
Technologies - Comp, Mech, Electr, CAD, Drafting	133	127	96%	6	6	6	1.0	1.0

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Elementary &amp; Early Childhood</b>	2,025	2,013	99%	37	198	263	5.3	7.0
Birth - Grade 2 Certifications		0		0	37	57		
Grades 1-6 Certifications		0		0	161	206		
PreK FTE Assignments	66	66	100%	3				
Kindergarten FTE Teaching Assignments	283	278	98%	3				
K-12 Subject Code, PK-K Grade Code	1	1	100%	0				
Common Branch Grades 1-6 FTE Asmts	1,397	1,393	100%	24				
K-6 Subjects FTE Asmts	229	226	99%	4				
K-12 Subj Code, 1-6 Grade Code	49	49	100%	4				
<b>English (Mid/Sec)</b>	350	347	99%	8	26	31	3.5	4.2
English (Mid./Sec.)	350	347	99%	8	26	31	3.5	4.2
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	59	59	99%	2	6	7	3.0	3.6
ESOL Initial Certificates K-12		0		0	6	7		
ESOL, Not Sp. Ed. PK - 6	32	32	99%	2				
ESOL, Not Sp. Ed. 7-12	24	24	99%	0				
ESOL, Sp. Ed. PK - 6	3	3	100%	0				
ESOL, Sp. Ed. 7-12	1	1	100%	0				

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Languages Other Than English (LOTE)</b>	212	199	94%	12	16	19	1.3	1.5
Languages Other Than English (LOTE)	2	1	64%	0				
French	51	49	96%	0	4	4		
Spanish	142	135	94%	12	10	11	0.8	0.9
German	3	2	85%	0	0	1		
Italian	7	7	98%	0				
Latin	4	4	97%	0				
ASL	1	0	0%	0				
Cantonese & Mandarin Chinese	2	1	53%	0	2	3		
<b>Library Media &amp; Ed. Technology Specialists</b>	124	122	98%	6	6	7	1.1	1.2
Library Media Specialist	121	121	100%	6	4	4	0.7	0.7
Educational Technology Specialist	3	1	43%	0	2	3	11.8	14.7
<b>Mathematics (Mid/Sec)</b>	327	324	99%	12	28	40	2.3	3.4
Mathematics (Mid/Sec)	327	324	99%	12	28	40	2.3	3.4
<b>Health Education</b>	61	57	94%	2	5	6	2.5	3.4
Health Education	61	57	94%	2	5	6	2.5	3.4
<b>Physical Education</b>	317	316	100%	7	28	28	4.0	4.1
Physical Education	317	316	100%	7	28	28	4.0	4.1
<b>Reading &amp; Literacy</b>	109	104	96%	1	22	30	19.2	26.6
Reading & Literacy (Specialist Cert Req)	109	104	96%	1	22	30	19.2	26.6

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Science (Mid/Sec)</b>	385	365	95%	12	26	35	2.1	2.9
Earth Science (Mid/Sec)	80	74	92%	1	7	6	4.5	4.5
Biology-Life Sciences (Mid/Sec)	146	145	99%	6	14	17	2.3	2.9
Chemistry 7-12	55	52	96%	1	2	3	1.3	2.0
Physics 7-12	28	24	85%	1	2	3	2.2	2.7
Other Mid Sch Science (Integrated, Intermediate, Physical)	60	54	90%	2	0	1	0.0	0.4
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	15	15	99%	1	1	5	2.6	9.2
<b>Social Studies (Mid/Sec)</b>	347	345	100%	7	37	42	5.7	6.5
Social Studies (Mid/Sec)	347	345	100%	7	37	42	5.7	6.5
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	149	143	96%	2	9	9	4.4	4.4
Deaf & Hearing Impaired	13	10	78%	0				
Blind & Visually Impaired	4	4	95%	0	1	1		
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	132	129	98%	2	8	8	3.8	3.8
<b>Sp Ed Early Childhood &amp; Elementary</b>	413	409	99%	15	36	76	2.5	5.2
SWD Birth-Grade 2 Certifications		0		0	3	10		
SWD Grades 1-6 Certifications		0		0	34	66		
Sp Ed Preschool FTEs	13	12	91%	1				
Sp Ed K-6 FTEs (Not Bilingual)	400	397	99%	14				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Sp Ed Middle/Secondary</b>	453	444	98%	11	7	17	0.7	1.5
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	263	261	99%	7	1	5	0.2	0.7
Sp Ed Math Mid/Sec	38	36	95%	1	0	1	0.0	1.0
Sp Ed Social Studies Mid/Sec	29	28	95%	0	3	5	12.3	20.3
Sp Ed English Mid/Sec	40	39	97%	1	3	5	4.2	7.3
Sp Ed Science Mid/Sec	20	19	93%	1				
Sp Ed Languages Other Than English (LOTE)	1	0	0%	0	0	1		
Sp Ed Home/Hospital FTEs Mid/Sec	0	0	100%	0				
Sp Ed Work Study FTEs	3	3	100%	0				
Other Special Class Mid/Sec FTEs	59	59	99%	1				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	0	0	100%	0				
Reg Ed Bilingual 7-12 FTEs All Subjects	0	0	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Academic Intervention Services (AIS) FTEs</b>	380	357	94%	16				
AIS Reading K-6, Reading/Lit Cert Req	98	87	89%	5				
AIS Reading Mid/Sec, Reading/Lit Cert Req	28	25	91%	0				
AIS Math K-6, No Specialist Cert Req	58	57	97%	2				
AIS Math Mid/Sec, Math or MS Gen Cert Req	72	71	98%	4				
AIS Science K-6, No Specialist Cert Req	1	1	83%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	15	15	100%	0				
AIS Social Studies K-6, No Specialist Cert Req	1	1	63%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	20	19	93%	0				
AIS English Language Arts K-6, No Specialist Cert Req	23	22	96%	1				
AIS English Language Arts Mid/Sec, Specialist Cert Req	48	46	96%	3				
AIS Other Subject K-6, No Specialist Cert Required	4	4	89%	0				
AIS Other Subject 7-12, Specialist Cert Required	10	10	100%	0				
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	57	57	100%	0				
Helping (Any Cert OK)	3	3	100%	0				
Driver Education (Any Cert OK)	4	4	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	4	4	100%	0				
Study Skills (Any Cert OK)	9	9	100%	0				
Suspension (In-School & Out) (Any Cert OK)	3	3	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	26	26	100%	0				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	6	6	100%	0				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	3	6		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	3	6		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Mohawk Valley</b>	6,583	6,461	98%	184	525	694	2.9	3.8
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	0	1		
Bilingual Ed Exts (issued to new teachers)		0		0	0	1		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

# NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Arts (Visual, Music, Dance, Theatre)</b>	2,858	2,631	92%	55	246	267	4.5	4.9
Art K-6*	730	705	97%	12				
Visual Arts, 7-12	691	644	93%	10	111	119	10.9	11.7
Music K-6*	500	443	89%	10				
Music 7-12	530	496	94%	12	95	100	7.6	8.0
Theatre/Speech K-12	167	137	82%	7	20	26	3.0	3.9
Dance K-12	211	183	87%	3	20	21	7.0	7.5
Interdisciplinary Arts	29	23	80%	0				
<b>Career &amp; Technical Education (CTE)</b>	990	808	82%	21	61	68	2.9	3.3
CTE Intro & Other (All or Most CTE Certs OK)	64	50	78%	1				
Agriculture	8	8	100%	0				
Aviation/Aerospace Mnfctrng & Mntnc Occ	51	43	86%	0	1	3		
Construction Indstry & Bldg Mntnc Occ	53	45	84%	0	5	5		
Cosmetology Occupations	21	20	93%	0				
Electronic/Electro Mechanical Occupations	36	32	89%	0	4	4		
Family & Consumer Sci (Incl Food Srv, Textiles)	50	46	91%	1	10	10	9.5	10.2
Graphic, Printing and Visual Communications	40	38	95%	2	17	17	10.4	10.7
Health Occupations	45	35	78%	2	5	6	2.3	2.8
Precision Metal Work Occupations	6	5	82%	0				
Vehicle Maintenance & Repair	33	31	92%	0				
Business & Marketing (Includes Travel)	184	160	87%	1	7	8	5.6	6.8
Technologies - Comp, Mech, Electr, CAD, Drafting	399	295	74%	14	13	15	1.0	1.1

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Elementary &amp; Early Childhood</b>	28,333	27,244	96%	378	2,301	3,545	6.1	9.4
PK - Grade 6 Certifications		0		0	7	8		
Birth - Grade 2 Certifications		0		0	633	1,249		
Grades 1-6 Certifications		0		0	1,661	2,288		
PreK FTE Assignments	1,146	1,109	97%	5				
Kindergarten FTE Teaching Assignments	3,469	3,238	93%	54				
Bilingual K-6, Grade Code PK FTEs	8	7	88%	0				
Bilingual K-6 FTEs, Grade Code K FTEs	203	187	92%	3				
K-12 Subject Code, PK-K Grade Code	10	9	90%	0				
Common Branch Grades 1-6 FTE Asmts	17,372	17,056	98%	175				
K-6 Subjects FTE Asmts	4,193	3,889	93%	110				
Bilingual K-6, Grade Codes 1-6 FTEs	809	731	90%	16				
K-12 Subj Code, 1-6 Grade Code	1,123	1,017	91%	16				
<b>English (Mid/Sec)</b>	4,017	3,753	93%	84	364	414	4.3	4.9
English (Mid./Sec.)	4,017	3,753	93%	84	364	414	4.3	4.9
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	2,658	2,493	94%	41	221	272	5.3	6.6
ESOL Initial Certificates K-12		0		0	221	272		
ESOL, Not Sp. Ed. PK - 6	1,625	1,526	94%	19				
ESOL, Not Sp. Ed. 7-12	926	870	94%	12				
ESOL, Sp. Ed. PK - 6	42	40	95%	5				
ESOL, Sp. Ed. 7-12	65	58	89%	6				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Languages Other Than English (LOTE)</b>	1,643	1,458	89%	66	147	175	2.2	2.6
Languages Other Than English (LOTE)	3	2	50%	1				
French	141	118	83%	6	11	18	2.0	3.1
Spanish	1,270	1,171	92%	38	112	122	2.9	3.2
German	6	5	82%	0	1	1		
Italian	70	54	78%	1	6	7	6.4	7.3
Russian	10	9	94%	0				
Hebrew	1	1	86%	0				
Latin	38	27	71%	9	4	5	0.4	0.5
ASL	4	3	73%	0				
Cantonese & Mandarin Chinese	62	55	90%	8	11	19	1.4	2.5
Japanese	13	10	74%	2	0	1	0.1	0.4
Other Languages	24	3	14%	2	1	2	0.6	0.9
<b>Library Media &amp; Ed. Technology Specialists</b>	487	371	76%	5	18	19	3.8	4.1
Library Media Specialist	475	368	78%	3	11	12	3.5	3.9
Educational Technology Specialist	13	3	23%	2	7	7	4.4	4.5
<b>Mathematics (Mid/Sec)</b>	4,025	3,849	96%	117	360	398	3.1	3.4
Mathematics (Mid/Sec)	4,025	3,849	96%	117	360	398	3.1	3.4
<b>Health Education</b>	363	178	49%	5	14	16	2.8	3.0
Health Education	363	178	49%	5	14	16	2.8	3.0
<b>Physical Education</b>	2,461	2,379	97%	40	104	109	2.6	2.7
Physical Education	2,461	2,379	97%	40	104	109	2.6	2.7

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Reading &amp; Literacy</b>	242	221	92%	0	67	106		
Reading & Literacy (Specialist Cert Req)	242	221	92%	0	67	106		
<b>Science (Mid/Sec)</b>	3,356	2,817	84%	188	313	352	1.7	1.9
Earth Science (Mid/Sec)	577	347	60%	39	38	39	1.0	1.0
Biology-Life Sciences (Mid/Sec)	1,281	1,168	91%	55	186	205	3.4	3.7
Chemistry 7-12	457	395	86%	28	42	48	1.5	1.7
Physics 7-12	204	154	75%	15	35	39	2.4	2.7
Other Mid Sch Science (Integrated, Intermediate, Physical)	535	478	89%	39	10	13	0.3	0.3
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	300	274	91%	12	3	7	0.3	0.6
<b>Social Studies (Mid/Sec)</b>	3,455	3,255	94%	66	260	275	4.0	4.2
Social Studies (Mid/Sec)	3,455	3,255	94%	66	260	275	4.0	4.2
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	1,812	1,792	99%	132	391	423	3.0	3.2
Deaf & Hearing Impaired	26	21	80%	0	7	11		
Blind & Visually Impaired	4	4	100%	0	1	2		
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	1,782	1,767	99%	132	382	410	2.9	3.1

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Sp Ed Early Childhood &amp; Elementary</b>	8,310	7,934	95%	520	977	2,090	1.9	4.0
SWD Birth-Grade 2 Certifications		0		0	480	1,072		
SWD Grades 1-6 Certifications		0		0	497	1,017		
Sp Ed Preschool FTEs	96	86	90%	3				
Sp Ed PreK FTEs	32	31	95%	0				
Sp Ed. PreK Bilinugal FTEs	3	3	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	7,667	7,361	96%	506				
Sp Ed. K-6 Bilinugal FTEs	160	133	83%	10				
Sp.Ed Home/Hospital PK-6	353	320	91%	2				
<b>Sp Ed Middle/Secondary</b>	5,111	4,500	88%	345	445	584	1.3	1.7
Sp Ed K-12 FTE Certifications		0		0	1	1		
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	2,433	2,295	94%	153	365	478	2.4	3.1
Sp Ed Math Mid/Sec	576	467	81%	40	6	10	0.2	0.2
Sp Ed Social Studies Mid/Sec	526	428	81%	37	32	38	0.9	1.0
Sp Ed English Mid/Sec	800	659	82%	67	37	54	0.6	0.8
Sp Ed Science Mid/Sec	428	335	78%	24	3	3	0.1	0.1
Sp Ed Languages Other Than English (LOTE)	48	37	77%	1				
Sp Ed Work Study FTEs	72	66	92%	1				
Other Special Class Mid/Sec FTEs	229	215	94%	21				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	91	73	80%	0				
Reg Ed Bilingual 7-12 FTEs All Subjects	83	67	81%	0				
Sp Ed Bilingual 7-12 FTEs All Subjects	8	6	68%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Academic Intervention Services (AIS) FTEs</b>	1,116	867	78%	22				
AIS Reading K-6, Reading/Lit Cert Req	241	101	42%	3				
AIS Reading Mid/Sec, Reading/Lit Cert Req	33	18	56%	0				
AIS Math K-6, No Specialist Cert Req	98	93	95%	3				
AIS Math Mid/Sec, Math or MS Gen Cert Req	99	88	89%	5				
AIS Science K-6, No Specialist Cert Req	8	6	74%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	23	18	81%	1				
AIS Social Studies K-6, No Specialist Cert Req	16	13	84%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	87	79	91%	1				
AIS English Language Arts K-6, No Specialist Cert Req	165	153	93%	1				
AIS English Language Arts Mid/Sec, Specialist Cert Req	102	76	74%	2				
AIS Other Subject K-6, No Specialist Cert Required	143	125	87%	2				
AIS Other Subject 7-12, Specialist Cert Required	101	96	95%	3				
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	646	610	94%	24				
Helping (Any Cert OK)	19	18	96%	1				
Driver Education (Any Cert OK)	1	1	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	201	185	92%	6				
Comm Serv for Credit Mid/Sec (Any Cert OK)	3	3	100%	0				
Absentee Teacher Reserve (Any Cert OK)	118	114	97%	2				
Study Skills (Any Cert OK)	104	100	96%	4				
Suspension (In-School & Out) (Any Cert OK)	15	15	96%	0				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	184	173	94%	11				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>New York City</b>	71,974	67,234	93%	2,110	6,536	9,570	3.1	4.5
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	98	194		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	98	194		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	150	264		
Bilingual Ed Exts (issued to new teachers)		0		0	150	264		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Arts (Visual, Music, Dance, Theatre)</b>	412	404	98%	17	40	42	2.3	2.4
Art K-6*	68	67	98%	3				
Visual Arts, 7-12	105	102	97%	3	15	17	5.2	5.9
Music K-6*	70	69	99%	5				
Music 7-12	165	164	99%	6	23	23	3.5	3.5
Theatre/Speech K-12	3	2	56%	0	2	3		
Dance K-12	0	0	0%	0				
Interdisciplinary Arts	1	1	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Career &amp; Technical Education (CTE)</b>	398	372	93%	16	29	32	1.8	2.0
CTE Intro & Other (All or Most CTE Certs OK)	62	60	96%	1				
Agriculture	25	24	96%	1	1	1	1.0	1.1
Aviation/Aerospace Mnfctrng & Mntnc Occ	1	0	0%	0				
Construction Indstry & Bldg Mntnc Occ	19	18	94%	0	2	2		
Cosmetology Occupations	13	13	100%	2	3	3	1.5	1.5
Electronic/Electro Mechanical Occupations	5	5	93%	0				
Family & Consumer Sci (Incl Food Srv, Textiles)	38	35	92%	2	3	4	1.7	2.0
Graphic, Printing and Visual Communications	9	7	78%	0				
Health Occupations	21	16	78%	3	1	1	0.3	0.3
Motorcyle, Marine & Outdoor Power Equipment	2	2	89%	0				
Precision Metal Work Occupations	4	3	74%	0				
Security Operations	9	8	94%	1	1	1	2.0	2.0
Vehicle Maintenance & Repair	20	20	100%	0	0	0		
Business & Marketing (Includes Travel)	64	63	99%	0	6	8		
Technologies - Comp, Mech, Electr, CAD, Drafting	106	98	92%	6	11	11	1.8	1.8

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Elementary &amp; Early Childhood</b>	1,875	1,866	100%	43	271	350	6.3	8.1
PK - Grade 6 Certifications		0		0	2	2		
Birth - Grade 2 Certifications		0		0	54	82		
Grades 1-6 Certifications		0		0	214	265		
PreK FTE Assignments	65	64	98%	3				
Kindergarten FTE Teaching Assignments	275	274	100%	5				
K-12 Subject Code, PK-K Grade Code	2	2	100%	0				
Common Branch Grades 1-6 FTE Asmts	1,246	1,245	100%	28				
K-6 Subjects FTE Asmts	263	258	98%	7				
K-12 Subj Code, 1-6 Grade Code	22	22	100%	1				
<b>English (Mid/Sec)</b>	313	310	99%	11	35	43	3.2	3.9
English (Mid./Sec.)	313	310	99%	11	35	43	3.2	3.9
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	14	12	86%	1	4	4	4.4	4.4
ESOL Initial Certificates K-12		0		0	4	4		
ESOL, Not Sp. Ed. PK - 6	9	8	89%	1				
ESOL, Not Sp. Ed. 7-12	3	2	71%	0				
ESOL, Sp. Ed. PK - 6	1	1	100%	0				
ESOL, Sp. Ed. 7-12	1	1	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Languages Other Than English (LOTE)</b>	211	199	94%	5	14	20	2.8	4.1
Languages Other Than English (LOTE)	4	4	100%	0				
French	71	69	98%	2	4	5	2.7	3.0
Spanish	126	123	97%	2	10	16	4.1	6.5
German	3	3	96%	0				
Latin	2	1	44%	0				
ASL	0	0	0%	0				
Other Languages	6	0	0%	1				
<b>Library Media &amp; Ed. Technology Specialists</b>	107	100	94%	6	13	14	2.2	2.4
Library Media Specialist	102	97	95%	3	10	10	3.2	3.3
Educational Technology Specialist	5	4	72%	3	3	4	1.0	1.4
<b>Mathematics (Mid/Sec)</b>	314	311	99%	4	17	25	4.8	7.2
Mathematics (Mid/Sec)	314	311	99%	4	17	25	4.8	7.2
<b>Health Education</b>	62	59	95%	1	5	6	7.5	9.2
Health Education	62	59	95%	1	5	6	7.5	9.2
<b>Physical Education</b>	297	296	100%	15	25	27	1.7	1.8
Physical Education	297	296	100%	15	25	27	1.7	1.8
<b>Reading &amp; Literacy</b>	134	129	97%	5	34	48	6.8	9.5
Reading & Literacy (Specialist Cert Req)	134	129	97%	5	34	48	6.8	9.5

est. FTE: Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

# NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Science (Mid/Sec)</b>	344	323	94%	9	33	37	3.5	4.0
Earth Science (Mid/Sec)	67	62	93%	2	8	8	3.3	3.2
Biology-Life Sciences (Mid/Sec)	126	124	99%	4	18	20	4.1	4.6
Chemistry 7-12	46	42	92%	0	4	3	14.5	14.0
Physics 7-12	24	19	80%	0	4	4	7.9	9.0
Other Mid Sch Science (Integrated, Intermediate, Physical)	59	54	92%	2	1	2	0.3	0.9
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	23	21	91%	0	0	1	0.8	2.4
<b>Social Studies (Mid/Sec)</b>	319	317	99%	4	41	54	9.5	12.5
Social Studies (Mid/Sec)	319	317	99%	4	41	54	9.5	12.5
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	192	189	98%	2	26	26	14.4	14.4
Deaf & Hearing Impaired	12	12	100%	0				
Blind & Visually Impaired	6	6	100%	0				
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	174	171	98%	2	26	26	14.4	14.4
<b>Sp Ed Early Childhood &amp; Elementary</b>	382	381	100%	12	33	80	2.8	6.7
SWD Birth-Grade 2 Certifications		0		0	9	21		
SWD Grades 1-6 Certifications		0		0	24	59		
Sp Ed Preschool FTEs	13	12	92%	0				
Sp Ed K-6 FTEs (Not Bilingual)	369	369	100%	12				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Sp Ed Middle/Secondary</b>	440	431	98%	10	14	25	1.4	2.4
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	277	273	99%	7	7	16	1.0	2.3
Sp Ed Math Mid/Sec	27	26	98%	0	2	3	11.3	13.8
Sp Ed Social Studies Mid/Sec	19	19	99%	0	3	3	7.7	7.7
Sp Ed English Mid/Sec	29	28	96%	1	0	1	0.5	1.5
Sp Ed Science Mid/Sec	12	11	86%	1	1	1	0.8	0.8
Sp Ed Languages Other Than English (LOTE)	0	0	0%	0	1	1		
Sp Ed Home/Hospital FTEs Mid/Sec	1	1	87%	0				
Sp Ed Work Study FTEs	16	16	98%	1				
Other Special Class Mid/Sec FTEs	59	58	99%	0				
<b>Academic Intervention Services (AIS) FTEs</b>	298	276	92%	14				
AIS Reading K-6, Reading/Lit Cert Req	69	58	84%	3				
AIS Reading Mid/Sec, Reading/Lit Cert Req	21	20	94%	1				
AIS Math K-6, No Specialist Cert Req	38	36	95%	3				
AIS Math Mid/Sec, Math or MS Gen Cert Req	49	47	95%	3				
AIS Science K-6, No Specialist Cert Req	0	0	100%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	17	16	96%	1				
AIS Social Studies K-6, No Specialist Cert Req	0	0	100%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	22	22	98%	1				
AIS English Language Arts K-6, No Specialist Cert Req	32	30	96%	3				
AIS English Language Arts Mid/Sec, Specialist Cert Req	35	33	95%	1				
AIS Other Subject K-6, No Specialist Cert Required	5	3	63%	0				
AIS Other Subject 7-12, Specialist Cert Required	10	10	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>North Country</b>	6,197	6,058	98%	179	635	835	3.5	4.7
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	84	83	100%	3				
Safety Education (any Cert OK)	0	0	0%	0				
Helping (Any Cert OK)	2	2	100%	0				
Driver Education (Any Cert OK)	9	9	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	6	6	100%	0				
Comm Serv for Credit Mid/Sec (Any Cert OK)	0	0	100%	0				
Absentee Teacher Reserve (Any Cert OK)	2	2	100%	0				
Study Skills (Any Cert OK)	14	14	100%	1				
Suspension (In-School & Out) (Any Cert OK)	3	3	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	28	28	100%	1				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	19	19	100%	0				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	1	2		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	1	2		

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Arts (Visual, Music, Dance, Theatre)</b>	687	682	99%	27	44	48	1.6	1.8
Art K-6*	116	116	100%	5				
Visual Arts, 7-12	171	169	99%	4	22	22	5.8	5.8
Music K-6*	114	114	100%	8				
Music 7-12	281	280	100%	11	22	24	2.0	2.2
Theatre/Speech K-12	3	2	62%	0	1	2		
Dance K-12	1	0	22%	0	0	1		
Interdisciplinary Arts	1	1	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Career &amp; Technical Education (CTE)</b>	486	461	95%	14	19	20	1.3	1.4
CTE Intro & Other (All or Most CTE Certs OK)	73	72	99%	1				
Agriculture	16	16	98%	0	1	1		
Aviation/Aerospace Mnfctrng & Mntnc Occ	2	1	89%	0				
Construction Indstry & Bldg Mntnc Occ	15	13	87%	2	1	1	0.5	0.5
Cosmetology Occupations	11	10	91%	0				
Electronic/Electro Mechanical Occupations	5	4	66%	0	0	0		
Family & Consumer Sci (Incl Food Srv, Textiles)	59	53	90%	4	3	4	0.9	1.0
Graphic, Printing and Visual Communications	7	6	89%	0				
Health Occupations	15	14	92%	0	4	4		
Motorcyle, Marine & Outdoor Power Equipment	1	1	100%	0				
Precision Metal Work Occupations	6	6	100%	0				
Security Operations	7	7	100%	0				
Vehicle Maintenance & Repair	24	22	92%	0	1	1		
Business & Marketing (Includes Travel)	87	84	97%	2	3	3	1.2	1.4
Technologies - Comp, Mech, Electr, CAD, Drafting	159	152	95%	4	5	5	1.2	1.2

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Elementary &amp; Early Childhood</b>	2,680	2,668	100%	52	240	354	4.7	6.9
Birth - Grade 2 Certifications		0		0	43	83		
Grades 1-6 Certifications		0		0	197	271		
PreK FTE Assignments	110	107	97%	6				
Kindergarten FTE Teaching Assignments	382	381	100%	7				
K-12 Subject Code, PK-K Grade Code	1	1	100%	0				
Common Branch Grades 1-6 FTE Asmts	1,806	1,803	100%	34				
K-6 Subjects FTE Asmts	345	340	99%	5				
K-12 Subj Code, 1-6 Grade Code	36	36	100%	0				
<b>English (Mid/Sec)</b>	464	458	99%	17	44	55	2.6	3.2
English (Mid./Sec.)	464	458	99%	17	44	55	2.6	3.2
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	54	49	89%	1	9	10	8.9	9.6
ESOL Initial Certificates K-12		0		0	9	10		
ESOL, Not Sp. Ed. PK - 6	42	37	88%	1				
ESOL, Not Sp. Ed. 7-12	10	9	93%	0				
ESOL, Sp. Ed. PK - 6	2	2	100%	0				
ESOL, Sp. Ed. 7-12	1	1	68%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Languages Other Than English (LOTE)</b>	295	284	96%	8	19	21	2.2	2.5
Languages Other Than English (LOTE)	3	3	100%	0				
French	73	72	98%	1	5	6	5.2	5.7
Spanish	201	195	97%	7	12	13	1.6	1.7
German	6	6	100%	0				
Italian	4	4	92%	0				
Latin	2	1	89%	0	1	2		
ASL	2	1	41%	0				
Cantonese & Mandarin Chinese	3	1	33%	0	0	1		
Japanese	0	0	0%	0				
<b>Library Media &amp; Ed. Technology Specialists</b>	162	153	95%	2	8	10	5.2	6.4
Library Media Specialist	158	152	97%	2	8	10	5.2	6.4
Educational Technology Specialist	4	1	23%	0				
<b>Mathematics (Mid/Sec)</b>	455	450	99%	12	52	60	4.2	4.9
Mathematics (Mid/Sec)	455	450	99%	12	52	60	4.2	4.9
<b>Health Education</b>	93	88	94%	2	11	13	6.8	8.1
Health Education	93	88	94%	2	11	13	6.8	8.1
<b>Physical Education</b>	485	483	99%	9	41	44	4.8	5.2
Physical Education	485	483	99%	9	41	44	4.8	5.2
<b>Reading &amp; Literacy</b>	164	161	98%	3	32	40	11.0	14.1
Reading & Literacy (Specialist Cert Req)	164	161	98%	3	32	40	11.0	14.1

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Science (Mid/Sec)</b>	503	482	96%	19	26	35	1.3	1.8
Earth Science (Mid/Sec)	96	91	94%	3	1	2	0.4	0.6
Biology-Life Sciences (Mid/Sec)	189	188	99%	5	12	14	2.1	2.5
Chemistry 7-12	74	72	97%	3	5	6	1.9	2.0
Physics 7-12	35	28	80%	3	4	6	1.5	2.3
Other Mid Sch Science (Integrated, Intermediate, Physical)	71	68	95%	2	0	1	0.1	0.8
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	38	36	97%	3	3	6	1.0	1.8
<b>Social Studies (Mid/Sec)</b>	464	461	99%	13	59	67	4.5	5.1
Social Studies (Mid/Sec)	464	461	99%	13	59	67	4.5	5.1
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	219	215	98%	8	28	28	3.5	3.5
Deaf & Hearing Impaired	8	8	96%	0	1	1		
Blind & Visually Impaired	10	10	97%	0				
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	201	197	98%	8	27	27	3.3	3.4
<b>Sp Ed Early Childhood &amp; Elementary</b>	630	627	100%	30	48	102	1.6	3.4
SWD Birth-Grade 2 Certifications		0		0	4	14		
SWD Grades 1-6 Certifications		0		0	43	88		
Sp Ed Preschool FTEs	10	10	97%	1				
Sp Ed PreK FTEs	1	1	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	618	615	100%	29				
Sp.Ed Home/Hospital PK-6	2	1	82%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Sp Ed Middle/Secondary</b>	746	720	96%	19	16	29	0.9	1.6
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	503	494	98%	15	9	17	0.6	1.1
Sp Ed Math Mid/Sec	57	53	92%	1	1	2	1.8	2.5
Sp Ed Social Studies Mid/Sec	46	41	89%	2	4	5	2.2	3.3
Sp Ed English Mid/Sec	51	47	92%	1	2	4	3.1	6.8
Sp Ed Science Mid/Sec	32	29	92%	0	0	1		
Sp Ed Languages Other Than English (LOTE)	0	0	0%	0				
Sp Ed Work Study FTEs	14	13	93%	0				
Other Special Class Mid/Sec FTEs	44	44	99%	1				
<b>Academic Intervention Services (AIS) FTEs</b>	451	435	96%	17				
AIS Reading K-6, Reading/Lit Cert Req	100	95	95%	4				
AIS Reading Mid/Sec, Reading/Lit Cert Req	41	40	97%	2				
AIS Math K-6, No Specialist Cert Req	58	57	98%	1				
AIS Math Mid/Sec, Math or MS Gen Cert Req	67	65	98%	4				
AIS Science K-6, No Specialist Cert Req	1	1	100%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	17	17	99%	1				
AIS Social Studies K-6, No Specialist Cert Req	2	2	100%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	32	32	98%	2				
AIS English Language Arts K-6, No Specialist Cert Req	45	43	95%	1				
AIS English Language Arts Mid/Sec, Specialist Cert Req	45	43	96%	2				
AIS Other Subject K-6, No Specialist Cert Required	26	23	92%	0				
AIS Other Subject 7-12, Specialist Cert Required	17	17	100%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Southern Tier</b>	9,160	8,993	98%	256	699	944	2.7	3.7
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	120	119	99%	3				
Helping (Any Cert OK)	4	4	100%	0				
Driver Education (Any Cert OK)	6	6	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	13	13	98%	1				
Absentee Teacher Reserve (Any Cert OK)	1	1	100%	1				
Study Skills (Any Cert OK)	25	24	94%	1				
Home/Hospital Instruction, Not Sp. Ed.	1	1	100%	0				
Suspension (In-School & Out) (Any Cert OK)	6	6	100%	0				
GED Prep. & Alt. Ed. (Any Cert OK)	52	52	100%	0				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	13	13	100%	0				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	4	7		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	4	7		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	0	1		
Bilingual Ed Exts (issued to new teachers)		0		0	0	1		

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Arts (Visual, Music, Dance, Theatre)</b>	1,314	1,298	99%	27	121	129	4.5	4.8
Art K-6*	234	232	99%	4				
Visual Arts, 7-12	323	320	99%	8	62	64	7.5	7.8
Music K-6*	214	212	99%	6				
Music 7-12	526	521	99%	8	59	65	7.2	7.9
Theatre/Speech K-12	8	7	84%	0	0	1		
Dance K-12	6	5	84%	1				
Interdisciplinary Arts	2	2	100%	0				

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Career &amp; Technical Education (CTE)</b>	950	921	97%	19	67	73	3.5	3.8
CTE Intro & Other (All or Most CTE Certs OK)	182	178	98%	4				
Agriculture	27	26	95%	1	1	2	1.2	1.9
Aviation/Aerospace Mnfctrng & Mntnc Occ	0	0	100%	0				
Construction Indstry & Bldg Mntnc Occ	24	22	91%	0	5	6		
Cosmetology Occupations	20	20	100%	0	1	1		
Electronic/Electro Mechanical Occupations	17	17	98%	0	0	0		
Family & Consumer Sci (Incl Food Srv, Textiles)	81	78	96%	2	6	7	3.8	4.6
Graphic, Printing and Visual Communications	16	14	89%	0	1	1	9.3	9.2
Health Occupations	13	13	100%	0	3	3		
Motorcyle, Marine & Outdoor Power Equipment	1	0	0%	0				
Precision Metal Work Occupations	14	13	98%	1	1	2	1.3	1.8
Security Operations	10	9	89%	2	3	3	2.0	2.0
Vehicle Maintenance & Repair	31	30	96%	0	1	1		
Business & Marketing (Includes Travel)	182	179	99%	7	24	27	3.3	3.6
Technologies - Comp, Mech, Electr, CAD, Drafting	334	324	97%	3	21	21	6.4	6.4

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## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Elementary &amp; Early Childhood</b>	5,581	5,548	99%	96	702	1,142	7.3	11.8
PK - Grade 6 Certifications		0		0	15	16		
Birth - Grade 2 Certifications		0		0	171	337		
Grades 1-6 Certifications		0		0	516	789		
PreK FTE Assignments	247	246	100%	1				
Kindergarten FTE Teaching Assignments	756	750	99%	10				
Bilingual K-6 FTEs, Grade Code K FTEs	5	5	100%	0				
K-12 Subject Code, PK-K Grade Code	4	4	100%	0				
Common Branch Grades 1-6 FTE Asmts	3,606	3,591	100%	60				
K-6 Subjects FTE Asmts	868	859	99%	24				
Bilingual K-6, Grade Codes 1-6 FTEs	30	29	98%	0				
K-12 Subj Code, 1-6 Grade Code	65	64	98%	2				
<b>English (Mid/Sec)</b>	982	975	99%	25	119	163	4.7	6.4
English (Mid./Sec.)	982	975	99%	25	119	163	4.7	6.4
<b>ESOL (All Grades, Reg. &amp; Sp Ed)</b>	158	150	95%	7	13	18	1.8	2.6
ESOL Initial Certificates K-12		0		0	13	18		
ESOL, Not Sp. Ed. PK - 6	95	90	95%	4				
ESOL, Not Sp. Ed. 7-12	57	54	94%	2				
ESOL, Sp. Ed. PK - 6	3	3	100%	1				
ESOL, Sp. Ed. 7-12	3	3	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Languages Other Than English (LOTE)</b>	642	617	96%	20	36	46	1.8	2.3
Languages Other Than English (LOTE)	9	9	100%	0				
French	149	147	98%	4	4	5	1.1	1.2
Spanish	435	423	97%	13	30	40	2.3	3.1
German	17	16	95%	2	1	1	0.6	0.6
Italian	4	4	100%	0	0	0		
Russian	1	0	33%	0				
Latin	19	18	95%	1	1	1	1.1	1.1
ASL	0	0	0%	0				
Cantonese & Mandarin Chinese	3	0	0%	0				
Japanese	0	0	0%	0				
Other Languages	5	0	0%	1	0	0	0.0	0.0
<b>Library Media &amp; Ed. Technology Specialists</b>	279	272	98%	7	14	15	2.1	2.1
Library Media Specialist	272	268	99%	7	13	14	1.9	2.0
Educational Technology Specialist	7	4	55%	0	1	1		
<b>Mathematics (Mid/Sec)</b>	961	956	99%	16	84	139	5.1	8.5
Mathematics (Mid/Sec)	961	956	99%	16	84	139	5.1	8.5
<b>Health Education</b>	175	162	92%	4	36	55	9.2	14.0
Health Education	175	162	92%	4	36	55	9.2	14.0
<b>Physical Education</b>	870	866	100%	23	73	94	3.2	4.1
Physical Education	870	866	100%	23	73	94	3.2	4.1

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# NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Reading &amp; Literacy</b>	343	324	94%	7	95	125	13.2	17.4
Reading & Literacy (Specialist Cert Req)	343	324	94%	7	95	125	13.2	17.4
<b>Science (Mid/Sec)</b>	1,054	1,020	97%	22	79	137	3.7	6.4
Earth Science (Mid/Sec)	230	217	94%	4	12	18	2.9	4.4
Biology-Life Sciences (Mid/Sec)	351	347	99%	8	36	55	4.5	6.7
Chemistry 7-12	153	149	97%	5	13	21	2.7	4.4
Physics 7-12	69	64	94%	1	8	11	10.6	14.5
Other Mid Sch Science (Integrated, Intermediate, Physical)	180	171	95%	2	1	5	0.2	2.3
Other Science, 7-12 (Integrated, Tech, Remedial, Other)	71	71	99%	1	9	27	6.1	18.3
<b>Social Studies (Mid/Sec)</b>	955	950	100%	12	104	154	8.6	12.8
Social Studies (Mid/Sec)	955	950	100%	12	104	154	8.6	12.8
<b>Sp Ed Specific Dis &amp; Corr Speech (Not Sp E)</b>	528	520	98%	9	65	69	7.4	7.9
Deaf & Hearing Impaired	30	30	100%	2	6	9	2.9	4.6
Blind & Visually Impaired	25	25	100%	0				
Lang Imp (Sp Ed) & Corr Speech (Not Sp Ed)	473	465	98%	7	59	60	8.7	8.8
<b>Sp Ed Early Childhood &amp; Elementary</b>	1,271	1,265	100%	34	170	392	5.0	11.5
SWD Birth-Grade 2 Certifications		0		0	21	78		
SWD Grades 1-6 Certifications		0		0	149	314		
Sp Ed Preschool FTEs	18	16	92%	1				
Sp Ed PreK FTEs	0	0	100%	0				
Sp Ed K-6 FTEs (Not Bilingual)	1,243	1,239	100%	33				
Sp Ed. K-6 Bilinugal FTEs	9	9	100%	0				
Sp.Ed Home/Hospital PK-6	1	1	100%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Sp Ed Middle/Secondary</b>	1,402	1,385	99%	19	47	88	2.4	4.6
Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)	913	909	100%	15	16	30	1.1	2.0
Sp Ed Math Mid/Sec	104	100	96%	0	2	9		
Sp Ed Social Studies Mid/Sec	84	82	98%	0	22	38	54.4	93.9
Sp Ed English Mid/Sec	105	103	98%	1	4	7	5.8	9.4
Sp Ed Science Mid/Sec	66	64	98%	0	3	5		
Sp Ed Languages Other Than English (LOTE)	1	1	63%	0	0	0		
Sp Ed Home/Hospital FTEs Mid/Sec	2	1	57%	1				
Sp Ed Work Study FTEs	22	20	94%	0				
Other Special Class Mid/Sec FTEs	106	105	99%	2				
<b>Bilingual 7-12 FTEs, Reg &amp; Sp Ed</b>	9	7	79%	0				
Reg Ed Bilingual 7-12 FTEs All Subjects	2	1	50%	0				
Sp Ed Bilingual 7-12 FTEs All Subjects	7	6	86%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

**2009-010**

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Academic Intervention Services (AIS) FTEs</b>	668	631	94%	23				
AIS Reading K-6, Reading/Lit Cert Req	149	134	90%	3				
AIS Reading Mid/Sec, Reading/Lit Cert Req	59	53	90%	0				
AIS Math K-6, No Specialist Cert Req	106	104	98%	8				
AIS Math Mid/Sec, Math or MS Gen Cert Req	111	109	98%	2				
AIS Science K-6, No Specialist Cert Req	3	2	70%	0				
AIS Science Mid/Sec, Science or MS Gen Cert Req	26	25	96%	0				
AIS Social Studies K-6, No Specialist Cert Req	3	3	80%	0				
AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req	36	35	98%	0				
AIS English Language Arts K-6, No Specialist Cert Req	59	55	93%	5				
AIS English Language Arts Mid/Sec, Specialist Cert Req	77	75	97%	4				
AIS Other Subject K-6, No Specialist Cert Required	4	3	67%	0				
AIS Other Subject 7-12, Specialist Cert Required	34	34	99%	0				

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

## NYS Full-time Equivalent Teacher Assignments by Subject Area and Region

2009-010

Assignment	FTE Teachers	Certified in Assignment		New Hires	Initial Certificates Issued			
		#	%		Est. FTE*		FTE*/New Hire	
					Lo	Hi	Lo	Hi
<b>Western</b>	18,298	18,020	98%	377	1,830	2,846	4.9	7.5
<b>Other Mid/Sec FTEs (Any Valid NYS Cert OK)</b>	155	153	99%	5				
Safety Education (any Cert OK)	0	0	100%	0				
Helping (Any Cert OK)	19	19	100%	1				
Driver Education (Any Cert OK)	1	1	100%	0				
Interdisc/Humanities/Gifted M/S FTEs	14	14	100%	0				
Absentee Teacher Reserve (Any Cert OK)	4	3	75%	2				
Study Skills (Any Cert OK)	49	48	98%	1				
Home/Hospital Instruction, Not Sp. Ed.	0	0	100%	0				
Suspension (In-School & Out) (Any Cert OK)	13	13	100%	1				
GED Prep. & Alt. Ed. (Any Cert OK)	30	30	100%	1				
"Other" Subject FTEs (Mid/Sec, Any Cert OK)	25	25	100%	0				
<b>Generalist Middle Childhood Ed Certificatio</b>		0		0	4	6		
Generalist in Middle Childhood Education (Grades 5-9)		0		0	4	6		
<b>Bilingual Ed Exts (issued to new teachers)</b>		0		0	2	2		
Bilingual Ed Exts (issued to new teachers)		0		0	2	2		

**est. FTE:** Full-time equivalent certificates/individuals --lo est. assumes that 1/4 of those receiving multiple certs are available to subject area, hi est. assumes 3/4.

Bilingual Reports to be Added

## Methodology Changes and 1-Year Trends

The actual TSD analysis methodology did not change between 2010 (2008-09 data) and 2011 (2009-10 data). The methodology did change significantly during the two years prior to the 2010 report. Ask the Office of Research and Information Systems (ORIS) in the NYS Education Department Office of Higher Education for a summary of the prior year methodology changes, if a multi-year trend analysis is desired.

However, a very significant change was made to the methodology for “cleaning” the data, by the P-12 Information and Reporting Systems office (IRS) between the 2010 and 2011 analyses, which has dramatically affected (lowered) the counts of vacancies reportedly filled by new teachers for 2011. With the improved data cleaning methodology, resulting in much lower vacancy counts, the ratio of certificates issued to vacancies filled, the TSD ratio, is generally much higher for each TSD subject area this year than it was last year. The improved data indicates that in NYS there is generally much more often a surplus of newly certified teachers in the TSD subject areas, and much less often a shortage, than the previous reports had indicated.

The count of “vacancies” filled by new teachers has been, and is currently, obtained from data provided on the Personnel Master File (PMF) form filled out by each NYS public school teacher each year. Teachers are asked on that form to report “years of teaching experience”, and fill out the form around October 1<sup>st</sup>. The detailed instructions for the form request teachers to respond “1” to this question if this is their first year teaching professionally, and so on. But the instruction sheet is seldom used by teachers and often not available. Almost half of new teachers have consequently responded “0” to this question, if it is their first year teaching.

In the past, all “0”s reported have been changed to “1”s when the data has been compiled into a file for our use when performing these analyses. However, teachers using the same rationale who reported “1” for years of experience at the start of their second year, did not have their “1”s changed to “2”s, because there was no easy way to recognize the intention of the response. For the first time, compiling the 2009-10 data for the 2011 analysis, the responses of “1” for years of teaching experience and the social security numbers of these responders were checked against the previous year PMF data to determine how many of the “1”s represented teachers embarking on their second year of teaching. The results showed almost half of the “1”s should have been “2”s, and these responses were changed accordingly.

The result of this enhanced data cleaning method was to almost cut in half the number of vacancies filled by new teachers. Had this method been employed in previous years, no doubt the number of vacancies would likewise have been much lower for those years.

**CONCLUSION:** The large drop in vacancies filled by new teachers in each TSD area between the 2010 and 2011 reports is attributable almost entirely to this enhanced data cleaning method. Little of any of the decrease in vacancies filled can be attributed to a “real” drop in the number of vacancies filled, due to the recession or other factors.

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Arts (Visual, Music, Dance, Theatre)**

<b>0205</b>	<b>Art K-6*</b>	
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- 4412 ART (PK-6)
- 4498 OTHER ART

<b>0210</b>	<b>Visual Arts, 7-12</b>	
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- 6010
- 6013

Art  
Visual Arts

- 4413 ART 7 & 8
- 4416 STUDIO ART:COMP FOUNDATION CRS
- 4418 CREATIVE CRAFTS:A COMP COURSE
- 4420 ADVANCED CREATIVE CRAFTS
- 4422 DESIGN/DRAW PROD-COMP COURSE
- 4423 ADV DESIGN & DRAWING FOR PROD
- 4426 ARCHITECTURAL DRAWING/DESIGN
- 4438 STUDIO IN DRAWING AND PAINTING
- 4439 ADV STUDIO-DRAWING & PAINTING
- 4440 STUDIO IN GRAPHIC ARTS
- 4441 ADV STUDIO IN GRAPHIC ARTS
- 4442 STUDIO IN ADVERTISING DESIGN
- 4443 ADV STUDIO -ADVERTISING DESIGN
- 4445 STUDIO FASH DESIGN/ILLUSTRAT
- 4446 ADV STUDIO FASH DESIGN & ILLUS
- 4447 STUDIO-JEWELRY/SILVERSMITHING
- 4448 ADV STUDIO-JEWELRY&SILVERSMITH
- 4449 STUDIO IN PRODUCT DESIGN
- 4450 ADV STUDIO IN PRODUCT DESIGN
- 4451 STUDIO IN STAGE DESIGN
- 4452 ADV STUDIO IN STAGE DESIGN
- 4453 STUDIO IN SCULPTURE
- 4454 ADV STUDIO IN SCULPTURE
- 4455 STUDIO IN CERAMICS
- 4456 ADV STUDIO IN CERAMICS
- 4457 STUDIO IN INTERIOR DESIGN
- 4458 ADVANCED STUDIO IN INTERIOR DESIGN
- 4460 MEDIA ARTS: A COMP COURSE
- 4461 ADVANCED MEDIA ARTS
- 4462 STUDIO IN PHOTOGRAPHY
- 4463 ADV STUDIO IN PHOTOGRAPHY
- 4464 STUDIO IN COMPUTER ARTS
- 4465 ADV STUDIO IN COMPUTER ARTS
- 4466 STUDIO IN VIDEO ARTS
- 4467 ADV STUDIO IN VIDEO ARTS
- 4468 STUDIO IN FILM
- 4469 ADVANCED STUDIO IN FILM
- 4480 ART HIST&APPRECIATION/COMP CRS
- 4481 ADVANCED ART HISTORY
- 4490 COLLEGE BOARD AP ART HISTORY
- 4491 COLLEGE BOARD AP STUDIO ART-2-D DES
- 4492 COLLEGE BOARD AP STUDIO ART-3-D DES
- 4493 COLLEGE BD AP STUDIO ART: DRAWING
- 4494 ART ED FOR THE HANDICAPPED
- 4498 OTHER ART
- 5151 ARCHITECTURAL DRAWING
- 5155 PHOTOGRAPHY
- 5160 MEDIA PRODUCTION TECH (1/2)

<b>0215</b>	<b>Music K-6*</b>	
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- 4712 ELEMENTARY MUSIC K-6
- 4798 OTHER MUSIC

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Arts (Visual, Music, Dance, Theatre)**

<b>0220</b>	<b>Music 7-12</b>		
6150		Music	4714 GENERAL MUSIC I-GRADE 7 4716 GENERAL MUSIC II-GRADE 8 4718 MUSIC IN OUR LIVES 4719 INDEPENDENT STUDY-MUSIC 4720 MUSIC THEORY I 4722 MUSIC THEORY II 4724 MUSIC THEORY III 4726 MUSIC COMPOSITION 4728 MUSIC HISTORY AND LITERATURE 4734 COMP FOUNDATIONS OF MUSIC 4737 COLLEGE BOARD AP MUSIC THEORY 4738 GUITAR 4739 MUSIC FOR COLLEGE CREDIT 4744 ELECTRONIC MUSIC 4746 MUSIC EDUCATION FOR SPEC LEARNERS 4747 ELEMENTARY BAND 4748 CONCERT BAND-MIDDLE/JR. HS 4749 CONCERT BAND-SHS 4752 MARCHING BAND-SHS 4753 JAZZ BAND-MIDDLE/ JR. HS 4754 JAZZ BAND-SHS 4755 ELEMENTARY ORCHESTRA 4756 ORCHESTRA-MIDDLE/JR. HS 4757 STRING ORCHESTRA-SHS 4759 SYMPHONIC ORCHESTRA-SHS 4760 SMALL INSTRUMENTAL ENSEMBLE 4761 INSTRUMENTAL LESSON GROUPS 4763 ELEMENTARY CHORUS 4764 CHORUS (MIDDLE/JR HS) 4765 MIXED CHORUS-SHS 4767 TENOR/BASS CHORUS (SHS) 4768 TREBLE CHORUS (SHS) 4778 JAZZ VOCAL ENSEMBLE (SR HS) 4780 SMALL VOCAL ENSEMBLE 4781 MUSIC THEATER CLASS 4782 VOCAL LESSON GROUPS 4786 CONVENTIONAL PIANO CLASS 4788 ELECTRONIC PIANO CLASS 4798 OTHER MUSIC

<b>0230</b>	<b>Theatre/Speech K-12</b>		
6193 8174		Theatre Drama 7-12	3168 THEATRE AND/OR PLAY PRODUCTION 6412 THEATRE - ACTING 6414 THEATRE - TECHNICAL 6416 THEATRE - PRODUCTION 6498 OTHER THEATRE

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Arts (Visual, Music, Dance, Theatre)**

**0240 Dance K-12**

6200 8172 8173	Dance Dance - Modern 7-12 Dance Music 7-12	6712 AEROBICS - DANCE 6713 AFRICAN - DANCE 6714 BALLET - DANCE 6715 CREATIVE DANCE/MOVEMENT 6716 FOLK/ETHNIC DANCE 6717 JAZZ DANCE 6718 MODERN DANCE 6719 SOCIAL/BALLROOM DANCE 6720 TAP DANCE 6721 ANATOMY/KINESIOLOGY 6722 COMPOSITION/DANCE MAKING 6723 HISTORY OF DANCE 6724 MOVEMENT ANALYSIS 6725 PERFORMANCE ENSEMBLE 6798 OTHER DANCE
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**0250 Interdisciplinary Arts**

8512 8514 8516 8518	STUDIO -ART/MUSIC IN OUR LIVES INTERDISCIPLINARY ART/MUSIC INTERDIS ART,MUSIC,THEATRE INTERDIS ART,MUSIC,THEATRE,DAN
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**Career & Technical Education (CTE)**

**0300 CTE Intro & Other (All or Most CTE Certs OK)**

4965 4972 4973 5292 5293 5298 5516 7325 7326 7350 7398 7912 7998 8312 8314 8316 8324 8332 8348	CISCO COMPUTER NETWORK ACADEMY MICROSOFT MOUS ACADEMY OF INFORMATION TECHNOLOG MULTI - OCCUP (HDCP) PRE-VOC EXPLORATORY TRADES OTH UNIQUE & EMERG OCCUP HOME ECONOMICS-BUSINESS YOUTH APPRENTICESHIP COOP WORK EXP-DIVERSIFIED COOP CAREER EXPL INTERNSHIP PROGRAM COOP WORK BASED LEARNING PROGRAMS-O WORK/CAREER EXP-WECEP(14&15) GEN ED WORK EXP GEWEP (16-21) HOME/CAREER SKILLS - GRADE 6 HOME/CAREER SKILLS - GRADE 7 HOME/CAREER SKILLS - GRADE 8 HOME/CAREER SKILLS - GR 5 MULTI - OCCUP (EXPLORATORY) CAREER & FINANCIAL MANAGEMENT
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**0301 Agriculture**

6011 8253 8254 8262	Agriculture Animal Science 7-12 Plant Science 7-12 Agricultural Engineering & Mechanics 7-12	4817 AGRICULTURAL SCIENCE CORE 4825 SPEC AG SKILLS - AG BSNS MGT 4827 SPEC AG SKILLS - ANIMAL SCI 4829 SPEC AG SKILLS - PLANT SCI 4831 SPEC AG SKILLS - CONS SCI 4833 SPEC AG SKILLS - MECH SCI 4898 OTHER AGRICULTURE 7312 COOP WORK EXP-AGRICULTURE 8361 TECH PREP - AGRICULTURE
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# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Career & Technical Education (CTE)

<b>0302</b>	<b>Aviation/Aerospace Mnfctrng &amp; Mntnc Occ</b>
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0074		Avionics 7-12
8374		Ground Support Operations 7-12
8375		Airframe Maintenance & Repair 7-12
8376		Power Plant Maintenance & Repair 7-12

5137	AEROSPACE
5223	AIRFR MAINT TECH (CERTIFIED)
5224	POWER PL MAIN TECH (CERT)
5225	OTHER AVIATION/AEROSPACE
5312	AEROSPACE TECHNOLOGY

<b>0303</b>	<b>Construction Indstry &amp; Bldg Mntnc Occ</b>
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8221		Carpentry 7-12
8222		Masonry 7-12
8223		Plumbing 7-12
8224		Electrical 7-12
8225		Heating, Ventilation, Air Conditioning, & Refrigeration 7-12
8226		Residential/Commercial Building Maintenance & Remodeling 7-12

5234	ROUGH/FINISH CARPENTRY
5235	BLOCK/BRICK MASNRY (1 YEAR)
5236	PLUMBING ASSMBLR-INSTALL(1YR)
5237	ELECTRICIAN HELPER (1 YR)
5240	BLDG MAINTENANCE (1 YEAR)
5241	CARPENTRY (2 YEAR)
5242	MASONRY (2 YEAR)
5243	ELECTRICITY/RES/IND/COMM(2YR)
5244	PLUMBING & HEATING (2 YEAR)
5245	HEAT/VENT/AIR COND(HVAC)(2YR)
5246	REMODEL/REPAIR (2 YEAR)
5247	OTH CONST IND & BLDG MAINT OCC

<b>0305</b>	<b>Cosmetology Occupations</b>
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8183		Cosmetology/Barbering 7-12
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5276	LICENSED BARBER
5285	LICENSED ESTHETICIAN
5286	LICENSED NAIL SPECIALIST
5287	LICENSED NATURAL HAIR STYLIST
5288	LICENSED COSMETOLOGIST
5289	OTHER COSMETOLOGY OCCUPATIONS

<b>0307</b>	<b>Electronic/Electro Mechanical Occupations</b>
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8209	Electrical/Electronic Equipment Occupations (Repair & Installation) 7-12	
8239	Electrical-Electronic Technology 7-12	

5122	ELECTRICITY/ELECTRONICS
5148	AUDIO ELECTRONICS
5150	COMMUNICATIONS ELECTRONICS
5152	DIGITAL ELECTRONICS
5156	ELECTRONICS (AC/DC) (1/2 UNIT)
5174	ELECTRONICS AC/DC - 1 UNIT
5254	BASIC ELTRCTY/ELTRON (1 YR)
5257	COMPUTER SERVICING (1 YEAR)
5258	ELECTRO - MECH COMP TECH (1YR)
5259	ELECTRONICS TECH (2 YEAR)
5263	COMPUTER REPAIR TECH (2YR)
5264	OTHER ELECT/ELECTRO-MECH EQ OC

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Career & Technical Education (CTE)**

**0308 Family & Consumer Sci (Incl Food Srv, Textiles)**

6131	Family and Consumer Sciences	
8231	Human Services & Family Studies Cluster 7-12	
8232	Food & Nutrition 7-12	
8419	Culinary Careers 7-12	
8494	Textile Production And Fabrication (Clothing Trades) 7-12	
		5012 CLOTHING AND TEXTILES CORE
		5013 ELEM FAMILY AND CONSUMER SCI G 1-4
		5014 FOOD AND NUTRITION CORE
		5016 HOUSING AND ENVIROMENT CORE
		5018 HUMAN DEVELOPMENT CORE
		5022 NUTRITION,HEALTH AND FITNESS
		5024 CHILD DEVELOPMENT
		5030 APPLIED FOOD SCIENCE
		5032 MULTI-OCCUPATIONS
		5034 FOOD PREP AND NUTRITION
		5036 CULTURE AND FOOD
		5038 GOURMET FOOD
		5040 COMMERCIAL FOODS PROGRAM
		5044 PARENTING
		5046 EARLY CHILDHOOD EDUC PROG
		5048 ADOLESCENT PSYCHOLOGY
		5050 FAMILY DYNAMICS
		5054 CAREERS IN HUMAN SERVICES
		5056 INTERIOR DESIGN
		5060 WORLD OF FASHION
		5062 CLOTHING PRODUCTION
		5064 ENTREPRENEURSHIP
		5066 INDEPENDENT LIVING
		5098 OTHER FAMILY AND CONSUMER SCIENCES
		5324 FASHION DESIGN TECHNOLOGY
		7320 COOP WORK EXP-FAMILY AND CONSUMER S
		8364 FAMILY AND CONSUMER SCIENCES

**0310 Graphic, Printing and Visual Communications**

8181	Graphic Imaging (To Include Printing/Lithography) 7-12	
8182	Media Communications 7-12	
8215	Commercial Art 7-12	
8216	Professional Photography 7-12	
		5140 GRAPHIC COMMUNICATIONS
		5226 OFFSET/LITH PRINT (1 YEAR)
		5229 COMMERCIAL/PROFESSIONAL PHOTOGRAPHY
		5230 ADV DESIGN & PROD (2 YEAR)
		5231 GRAPHIC COMMUNICATIONS (2YR)
		5232 OTH GRAPHIC PRNT&VIS COMM OCC
		5314 ARCH TECH/BUILDING CONST

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Career & Technical Education (CTE)

<b>0311</b>	<b>Health Occupations</b>
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8201	Dental Assisting 7-12	
8211	Dental Laboratory Technology 7-12	
8241	Medical Assisting 7-12	
8252	Emergency Medical Services 7-12	
8291	Nurse's Assisting 7-12	
8301	Practical Nursing 7-12	
8446	Ophthalmic Dispensing 7-12	
8476	Personal Trainer Assisting 7-12	
8477	Pharmacy Assisting 7-12	
		5912 HEALTH OCCUPATIONS CORE
		5914 PHARMACY ASSISTING
		5916 DENTAL ASSISTING
		5917 DENTAL ASSISTING-ADVANCED
		5918 DENTAL LABORATORY TECHNICIAN
		5922 HOME HEALTH ASSISTING
		5925 EMERGENCY MEDICAL SERVICES
		5928 MEDICAL LAB ASSISTING
		5930 MEDICAL ASSISTING
		5932 MEDICAL ASSISTING-ADVANCED
		5936 MEDICAL THERAPY ASSISTING
		5940 NURSE ASSISTING
		5942 NURSE-LICENSED PRACTICAL-YR 1
		5944 NURSE-LICENSED PRACTICAL-YR 2
		5946 HABILITATION / REHAB ASST
		5990 NEW VISION - HEALTH CAREERS
		5998 OTHER HEALTH OCCUPATIONS
		8363 TECH PREP - HEALTH OCCUPATIONS

<b>0312</b>	<b>Motorcycle, Marine &amp; Outdoor Power Equipment</b>
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8229	Motorcycle, Marine, & Outdoor Power Equipment 7-12	
		5266 OUTDOOR PWR EQ SETUP TECH(1YR)
		5268 MARINE TECH
		5269 OUTDOOR POWER EQUIP TECH (2YR)
		5270 MTRCYC/MOPED/ATV SVC TECH (2YR)
		5271 OTH MTR/MARINE/PWR EQ MNTN OCC

<b>0314</b>	<b>Precision Metal Work Occupations</b>
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8227	Machine Tool Operation/Machine Shop 7-12	
8228	Welding 7-12	
		5272 WELDING OPERATOR
		5280 METAL FABRICATION
		5282 MACHINIST - ENTRY LEVEL
		5284 OTH PREC METAL WRK OCCUP
		5295 QUALITY CONTROL INSPECTOR

<b>0316</b>	<b>Security Operations</b>
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8486	Security Operations 7-12	
		5290 INTRO TO PUB&PRI SECURITY(1YR)
		5291 CRIMINAL JUSTICE (2 YR)

<b>0317</b>	<b>Vehicle Maintenance &amp; Repair</b>
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8202	Vehicle Mechanical Repair (Including Heavy Equipment Repair) 7-12	
8203	Vehicle Body Repair & Painting 7-12	
		5212 AUTO REPAIR HELPER(1 YEAR)
		5213 SERVICE CTR HELPER (1 YEAR)
		5214 HEAVY EQUIP SERV HLP(1 YEAR)
		5216 AUTOBODY REPAIR TECH (2 YEAR)
		5217 SERVICE CTR TECH (AUTO)(2 YR)
		5219 DIESEL ENGINE TECH (2 YEAR)
		5220 HEAVY EQUIP REP & OPER TECH
		5221 OTHER VEH MAINT/REPAIR OCCUP

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

Certificate

Assignment

## Career & Technical Education (CTE)

0320	<b>Business &amp; Marketing (Includes Travel)</b>
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6021

Business and Marketing

- 4912 ELEMENTARY KEYBOARDING (G 1-5)
- 4913 KEYBOARDING I/BUS COMM I(1UN)
- 4914 KEYBOARDING I (1/2 UNIT)
- 4915 BUSINESS COMM I (1/2 UNIT)
- 4916 BUSINESS ANALYSIS/COMPUTER APP
- 4917 BUSINESS ANALYSIS (1/2 UNIT)
- 4918 BUSINESS COMP APPL (1/2 UNIT)
- 4919 KEYBOARDING II (1/2 UNIT)
- 4920 SPORTS MANAGEMENT
- 4921 KEYBOARDING III (1/2 UNIT)
- 4922 MATH & FINANCIAL APPLICATIONS
- 4924 BUSINESS OF MUSIC
- 4925 GOVERNMENT & BUSINESS
- 4927 CORPORATE COMMUNICATIONS
- 4928 FINANCE
- 4930 BUSINESS MANAGEMENT
- 4932 BUSINESS COMM II (1/2 UNIT)
- 4933 BUSINESS COMM III (1/2 UNIT)
- 4934 APPLIED COMMUNICATIONS
- 4935 ACCOUNTING FOR INVESTING/MANAGING
- 4936 SPORT LAW
- 4939 CYBERLAW
- 4942 ACCOUNTING (1 UNIT)
- 4944 ADV ACCOUNTING (1 UNIT)
- 4948 COLLEGE ACCOUNTING (1 UNIT)
- 4953 ACADEMY OF FINANCE
- 4954 ACADEMY OF TRAVEL AND TOURISM
- 4955 BUSINESS ECONOMICS
- 4961 COLLEGE BUSINESS LAW
- 4962 BUSINESS LAW (1 UNIT)
- 4963 E-COMMERCE
- 4964 WEB SITE/PAGE DESIGN
- 4968 BUSINESS MATH (1 UNIT)
- 4971 COLLEGE BUSINESS MATH
- 4982 YOUTH LEADERSHIP DEV(1 UNIT)
- 4984 DESKTOP PUBLISHING
- 4986 INTERNATIONAL BUSINESS
- 4998 OTHER BUSINESS
- 5812 PRIN OF MRKTNG/DIST&MRKTNG 1UN
- 5813 BUS OWNERSHP&MKTG-ENTRE(1UNIT)
- 5814 SPORTS/ENTERTAINMENT MARKETING
- 5815 COLLEGE MARKETING
- 5816 FASHION MARKETING
- 5835 TRAVEL AND TOURISM
- 5839 ADVERTISING
- 5898 OTHER MARKETING
- 7314 COOP WORK EXP.-BUS/MARKETING
- 8362 TECH PREP - BUSINESS

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Career & Technical Education (CTE)

<b>0321</b>	<b>Technologies - Comp, Mech, Electr, CAD, Drafting</b>
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6141 8238 8245 8292 8397	Technology Education Computer Technology 7-12 Mechanical Technology 7-12 Drafting 7-12 Computer Aided Drafting (CAD) 7-12	5112 COMMUNICATION SYSTEMS 5113 ELEM TECHNOLOGY ED (GR 1-4) 5114 PRODUCTION SYSTEMS 5116 TRANSPORTATION SYSTEMS 5118 CONSTRUCTION SYSTEMS 5120 MANUFACTURING SYSTEMS 5123 MATERIALS PROCESSING 5124 ENERGY 5125 ENERGY / POWER 5126 TECHNICAL DRAWING 5127 DESIGN & DRAW FOR PROD 5138 ENERGY APPLICATIONS 5139 COMPUTER AIDED DESIGN 5141 COMPUTER AIDED MANUFACTURING 5142 HISTORY OF TECHNOLOGY 5143 COMPUTER APPLICATIONS 5145 COMPUTER GRAPHICS 5146 PRODUCTION R AND D 5147 CREATIVITY AND INNOVATION 5149 RESIDENTIAL STRUCTURES 5153 LAND TRANSPORTATION 5154 PRINCIPLES OF ENGINEERING 5157 AUTOMOTIVE TECHNOLOGY (1/2) 5158 CONSTRUCTION ENGIN & MNGMT(1/2) 5161 PRODUCT DESIGN/ENGINEERING 1/2 5169 OTHER TECH 1/2 UNIT ELECTIVE 5172 PRIN OF ENGINEERING (1 YEAR) 5173 DESIGN & DRAW FOR PROD(1 YEAR) 5175 AUTOMOTIVE TECHNOLOGY - 1 UNIT 5176 COMPUTER AIDED DESIGN - 1 UNIT 5177 CONSTR ENGIN & MNGMT (1 UNIT) 5178 MEDIA PRODUCTION TECH (1 UNIT) 5179 PRODUCT DESIGN & ENG (1 UNIT) 5198 OTHER TECHNOLOGY EDUC (1 YEAR) 5248 DRAFTING FNDMNTLS (1 YEAR) 5249 INTRO COMPAIED DRAFT(CAD)-1YR 5250 CAD MACHINE (1 YEAR) 5251 CAD ARCHITECTURAL (1 YEAR) 5252 CAD ELECTRICAL/ELECTRONIC(1YR) 5253 OTHER DRAFTING OCCUP 5296 CAD/CAM OPERATOR 5320 TECH ELECTRONICS-COMP CIRCTRY 5328 COMP DATA ACQU&CONTROL SYSTMS 5340 ELECTRO MECHANICAL TECHNOLOGY 5341 COMPUTER APPLICATIONS CISCO/A+ 5342 COMPUTER PROGRAMMING 5398 OTHER TECHNICAL CURRICULUMS 5414 MAN AND TECHNOLOGY 7321 COOP WORK EXP-TECHNOLOGY 7322 COOP WORK EXP-TRADE/INDUSTRY 8214 COMPUTER STUDIES/INSTR (7-12) 8216 PROGRAMMING 8218 COMPUTER STUDIES-MIDDLE/JHS 8299 COMPUTER STUDIES/INSTRUCTION 8317 INTRODUCTION TO TECHNOLOGY G5 8318 INTRO TO TECHNOLOGY - GRADE 6 8320 INTRO TO TECHNOLOGY - GRADE 7 8322 INTRO TO TECHNOLOGY - GRADE 8 8365 TECH PREP - TECHNICAL ED. 8366 TECH PREP - TECHNOLOGY 8367 TECH PREP-TRADE/INDUSTRIAL ED 8399 OCCUPATIONAL EDUCATION-GENERAL
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# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Elementary & Early Childhood

0401	<b>PK - Grade 6 Certifications</b>	
3011	Pre Kindergarten, Kindergarten And Grades 1-6	
0402	<b>Birth - Grade 2 Certifications</b>	
3013	Early Childhood Education (Birth-Grade 2)	
0403	<b>Grades 1-6 Certifications</b>	
3014	Childhood Education (Grades 1-6)	
0410	<b>PreK FTE Assignments</b>	
		2412 PREKINDERGARTEN
0411	<b>Kindergarten FTE Teaching Assignments</b>	
		2512 KINDERGARTEN
0412	<b>Bilingual K-6, Grade Code PK FTEs</b>	
		5618 SPANISH BILINGUAL ED (K-6) 5695 OTHER BILINGUAL ED (K-6)
0413	<b>Bilingual K-6 FTEs, Grade Code K FTEs</b>	
		5612 CHINESE BILINGUAL ED (K-6) 5618 SPANISH BILINGUAL ED (K-6) 5695 OTHER BILINGUAL ED (K-6)
0415	<b>K-12 Subject Code, PK-K Grade Code</b>	
		3154 SPEECH-NOT CORRECTIVE 3183 WRITING REMEDIATION 3184 WRITING LAB/WORKSHOP 4298 OTHER SCIENCE 5416 HUMANITIES/ARTS 5512 ENGLISH-SOCIAL STUDIES 5514 MATHEMATICS-SCIENCE 7112 OTHER SUBJECT AREA 7114 HELPING 7116 STUDY SKILLS
0420	<b>Common Branch Grades 1-6 FTE Asmts</b>	
		2612 COMMON BRANCH-GRADES 1-6
0430	<b>K-6 Subjects FTE Asmts</b>	
		3012 DEVELOPMENTAL READING K-6 3112 FOURTH GRADE ENGLISH 3114 FIFTH GRADE ENGLISH 3116 SIXTH GRADE ENGLISH 4112 ELEMENTARY MATHEMATICS 4132 REMEDIAL MATHEMATICS GR K-6 4212 ELEM SCIENCE K-4 TEXT SERIES 4214 ELEMENTARY SCIENCE K-4 (INQUIRY/CNT 4220 LIFE SCIENCE- GR 5 OR 6 4222 PHYSICAL SCI (CHEM/PHYSICS) GR 5-6 4223 INTEGRATED SCI (LIFE/PHYSICAL), 5-6 4224 PHYSICAL SCI (EARTH/SPACE), GR 5-6 4312 PRIMARY SOCIAL STUDIES(K-3) 4315 SOCIAL STUDIES GRADE 4 4316 SOCIAL STUDIES GRADE 5 4317 SOCIAL STUDIES GRADE 6 7812 GIFTED/TALENTED-ELEMENTARY K-6 8212 COMPUTER STUDIES/INSTR (K-6)

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Elementary & Early Childhood**

0435	<b>Bilingual K-6, Grade Codes 1-6 FTEs</b>
	<ul style="list-style-type: none"> <li>5612 CHINESE BILINGUAL ED (K-6)</li> <li>5618 SPANISH BILINGUAL ED (K-6)</li> <li>5624 HAITIAN-CREOLE BILING ED (K-6)</li> <li>5630 KOREAN BILINGUAL EDUC(K-6)</li> <li>5650 RUSSIAN BILINGUAL ED (K-6)</li> <li>5695 OTHER BILINGUAL ED (K-6)</li> </ul>
0440	<b>K-12 Subj Code, 1-6 Grade Code</b>

- 3154 SPEECH-NOT CORRECTIVE
- 3183 WRITING REMEDIATION
- 3184 WRITING LAB/WORKSHOP
- 3198 OTHER ENGLISH
- 4198 OTHER MATHEMATICS
- 4298 OTHER SCIENCE
- 4325 REMEDIAL SOCIAL STUDIES
- 4380 COMMUNITY SERVICE FOR CREDIT
- 5412 HUMAN VALUES
- 5416 HUMANITIES/ARTS
- 5418 HUMANITIES/GREAT WORKS
- 5498 OTHER HUMANITIES
- 5512 ENGLISH-SOCIAL STUDIES
- 5514 MATHEMATICS-SCIENCE
- 5518 SOCIAL STUDIES-SCIENCE
- 5520 SCIENCE-HUMANITIES
- 5599 COMBINATION COURSES
- 7112 OTHER SUBJECT AREA
- 7114 HELPING
- 7116 STUDY SKILLS
- 7122 SUSPENSION (IN-SCHOOL)

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**English (Mid/Sec)**

0500	<b>English (Mid./Sec.)</b>	
4012	English Language Arts (Grades 5-9)	
4060	English 7-9 Extension	
4069	English Language Arts 7-9 Extension	
5013	English Language Arts 7-12	
5014	English Language Arts 5-6 Extension	
5100	English 7-12	
5101	English 5-6 Ext	
		3118 ENGLISH 7
		3120 ENGLISH 8
		3122 ENGLISH 9
		3124 ENGLISH 10
		3126 ENGLISH 11
		3128 ENGLISH 12
		3130 COMPOS AND/OR CREATIVE WRITING
		3132 AMERICAN LITERATURE
		3134 BRITISH LITERATURE
		3136 CONTEMPORARY LITERATURE
		3138 WORLD LITERATURE
		3140 ETHNIC LITERATURE
		3142 BLACK LITERATURE
		3144 BIBLE AS LITERATURE
		3145 MYTHOLOGY
		3146 DRAMATIC LITERATURE
		3148 FICTION
		3150 NONFICTION
		3152 POETRY
		3153 SCIENCE FICTION
		3154 SPEECH-NOT CORRECTIVE
		3156 PUBLIC SPEAKING
		3158 DEBATING
		3160 LANGUAGE-HIST & SEMANTICS
		3162 JOURNALISM
		3164 MASS MEDIA/COMMUNICATIONS
		3166 FILM STUDY
		3170 ENGLISH HUMANITIES
		3172 COLLEGE BD AP ENGLISH LANG AND COMP
		3173 INDEPENDENT STUDY-ENGLISH
		3174 MYSTERY
		3175 COLLEGE BD AP ENGLISH LIT & COMP
		3176 SPORTS IN LITERATURE
		3178 SHORT STORY
		3180 NOVEL
		3182 SHAKESPEARE
		3183 WRITING REMEDIATION
		3184 WRITING LAB/WORKSHOP
		3185 ENGLISH FOR COLLEGE CREDIT
		3187 TECH PREP COMMUNICATIONS
		3198 OTHER ENGLISH

**ESOL (All Grades, Reg. & Sp Ed)**

0600	<b>ESOL Initial Certificates K-12</b>	
7080	English To Speakers Of Other Languages	
0610	<b>ESOL, Not Sp. Ed. PK - 6</b>	
		8612 ENGLISH AS A SECOND LANG (K-6)
0615	<b>ESOL, Not Sp. Ed. 7-12</b>	
		8614 ENGLISH AS A SECOND LANG(7-12)
		8618 ESL OCCUPATIONAL EDUCATION
0620	<b>ESOL, Sp. Ed. PK - 6</b>	
		8617 ESL SPECIAL ED K-6

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**ESOL (All Grades, Reg. & Sp Ed)**

<b>0625</b>	<b>ESOL, Sp. Ed. 7-12</b>
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8619 ESL SPECIAL ED 7-12

**Languages Other Than English (LOTE)**

<b>0700</b>	<b>Languages Other Than English (LOTE)</b>
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8412 MULTI-LANG EXPLOR COURSE (K-9)

<b>0710</b>	<b>French</b>
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4034 French (Grades 5-9)  
 5140 French 7-12  
 5141 French N-6/Pre K-6 Extension  
 5166 French Grades 1-6 Extension  
 5349 French 5-6 Extension

3313 FRENCH FIRST UNIT STUDY (K-6)  
 3315 FRENCH SEC UNIT STUDY (K-6)  
 3317 FRENCH FIRST UNIT STUDY (7-9)  
 3319 FRENCH SEC UNIT STUDY (7-9)  
 3322 FRENCH HIGH SCHOOL LEVEL I  
 3326 FRENCH HIGH SCHOOL LEVEL II  
 3328 FRENCH HIGH SCHOOL LEVEL III  
 3330 FRENCH HIGH SCHOOL LEVEL IV  
 3332 FRENCH HIGH SCHOOL LEVEL V  
 3336 FRENCH FOR COLLEGE CREDIT  
 3337 COLLEGE BOARD AP FRENCH LANGUAGE  
 3338 COLLEGE BD AP FRENCH LITERATURE  
 3398 OTHER FRENCH

<b>0720</b>	<b>Spanish</b>
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4044 Spanish (Grades 5-9)  
 4064 Spanish 7-9 Extension  
 5142 Spanish N-6/Pre K-6 Extension  
 5150 Spanish 7-12  
 5167 Spanish Grades 1-6 Extension  
 5350 Spanish 5-6 Ext

3413 SPANISH FIRST UNIT STUDY (K-6)  
 3415 SPANISH SEC UNIT STUDY (K-6)  
 3417 SPANISH FIRST UNIT STUDY (7-9)  
 3419 SPANISH SEC UNIT STUDY (7-9)  
 3422 SPANISH HIGH SCHOOL LEVEL I  
 3426 SPANISH HIGH SCHOOL LEVEL II  
 3428 SPANISH HIGH SCHOOL LEVEL III  
 3430 SPANISH HIGH SCHOOL LEVEL IV  
 3432 SPANISH HIGH SCHOOL LEVEL V  
 3436 SPANISH FOR COLLEGE CREDIT  
 3437 COLLEGE BOARD AP SPANISH LANGUAGE  
 3438 COLLEGE BD AP SPANISH LITERATURE  
 3498 OTHER SPANISH

<b>0730</b>	<b>German</b>
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5170 German 7-12

3513 GERMAN FIRST UNIT STUDY (K-6)  
 3515 GERMAN SEC UNIT STUDY (K-6)  
 3517 GERMAN FIRST UNIT STUDY (7-9)  
 3519 GERMAN SEC UNIT STUDY (7-9)  
 3522 GERMAN HIGH SCHOOL LEVEL I  
 3526 GERMAN HIGH SCHOOL LEVEL II  
 3528 GERMAN HIGH SCHOOL LEVEL III  
 3530 GERMAN HIGH SCHOOL LEVEL IV  
 3532 GERMAN HIGH SCHOOL LEVEL V  
 3536 GERMAN FOR COLLEGE CREDIT  
 3537 COLLEGE BOARD AP GERMAN LANGUAGE  
 3598 OTHER GERMAN

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Languages Other Than English (LOTE)**

**0740 Italian**

4038	Italian (Grades 5-9)	3613	ITALIAN FIRST UNIT STUDY (K-6)
5147	Italian N-6/Pre K-6 Extension	3615	ITALIAN SEC UNIT STUDY (K-6)
5200	Italian 7-12	3617	ITALIAN FIRST UNIT STUDY (7-9)
5202	Italian Grades 1-6 Extension	3619	ITALIAN SEC UNIT STUDY (7-9)
		3622	ITALIAN HIGH SCHOOL LEVEL I
		3626	ITALIAN HIGH SCHOOL LEVEL II
		3628	ITALIAN HIGH SCHOOL LEVEL III
		3630	ITALIAN HIGH SCHOOL LEVEL IV
		3632	ITALIAN HIGH SCHOOL LEVEL V
		3635	ITALIAN-COLLEGE CREDIT
		3638	COLLEGE BD AP ITALIAN LANG & CULTUR
		3698	OTHER ITALIAN

**0750 Russian**

5172	Russian Grades 1-6 Extension	3713	RUSSIAN FIRST UNIT STUDY (K-6)
5180	Russian 7-12	3715	RUSSIAN SEC UNIT STUDY (K-6)
		3717	RUSSIAN FIRST UNIT STUDY (7-9)
		3719	RUSSIAN SEC UNIT STUDY (7-9)
		3722	RUSSIAN HIGH SCHOOL LEVEL I
		3726	RUSSIAN HIGH SCHOOL LEVEL II
		3728	RUSSIAN HIGH SCHOOL LEVEL III
		3730	RUSSIAN HIGH SCHOOL LEVEL IV
		3732	RUSSIAN HIGH SCHOOL LEVEL V
		3735	RUSSIAN-COLLEGE CREDIT & AP
		3798	OTHER RUSSIAN

**0760 Hebrew**

5190	Hebrew 7-12	3819	HEBREW SEC UNIT STUDY (7-9)
		3822	HEBREW HIGH SCHOOL LEVEL I
		3826	HEBREW HIGH SCHOOL LEVEL II
		3828	HEBREW HIGH SCHOOL LEVEL III
		3830	HEBREW HIGH SCHOOL LEVEL IV
		3832	HEBREW HIGH SCHOOL LEVEL V
		3898	OTHER HEBREW

**0770 Latin**

4041	Latin (Grades 5-9)	3913	LATIN FIRST UNIT STUDY (K-6)
5160	Latin 7-12	3915	LATIN SEC UNIT STUDY (K-6)
5168	Latin Grades 1-6 Extension	3917	LATIN FIRST UNIT STUDY (7-9)
5351	Latin 5-6 Ext	3919	LATIN SEC UNIT STUDY (7-9)
		3922	LATIN HIGH SCHOOL LEVEL I
		3926	LATIN HIGH SCHOOL LEVEL II
		3928	LATIN HIGH SCHOOL LEVEL III
		3930	LATIN HIGH SCHOOL LEVEL IV
		3932	LATIN HIGH SCHOOL LEVEL V
		3936	LATIN FOR COLLEGE CREDIT
		3937	COLLEGE BOARD AP LATIN LITERATURE
		3938	COLLEGE BD AP LATIN VERGIL
		3998	OTHER LATIN

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Languages Other Than English (LOTE)

<b>0780</b>	<b>ASL</b>
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4031 5226	American Sign Language (Grades 5-9) American Sign Language 7-12	6135 AMER. SIGN LANG. HS LEVEL I 6136 AMER. SIGN LANG. HS LEVEL II 6137 AMER. SIGN LANG. HS LEVEL III 6139 AMERICAN SIGN LANG HS LVL IV 6140 AMERICAN SIGN LANG HS LVL V
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<b>0790</b>	<b>Cantonese &amp; Mandarin Chinese</b>
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4033 4042 5230 5238 5239 5245 5247	Chinese (Grades 5-9) Mandarin (Grades 5-9) Chinese 7-12 Mandarin 7-12 Mandarin 5-6 Ext Chinese Grades 1-6 Extension Mandarin Grades 1-6 Extension	6114 CANTONESE CHINESE LANGUAGES 6116 MANDARIN CHINESE LANGUAGES 6144 COLL BOARD AP CHINESE LANG & CULT
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<b>0793</b>	<b>Japanese</b>
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4054 4099	Japanese 7-12 Japanese Grades 1-6 Extension	6124 JAPANESE LANGUAGES 6142 COLL BOARD AP JAPANESE LANG & CULT
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<b>0799</b>	<b>Other Languages</b>
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4051 4056 4057 4087	Arabic Polish Portuguese Korean	6112 AFRICAN LANGUAGES 6113 ARABIC LANGUAGES 6117 KOREAN LANGUAGES 6118 ANCIENT GREEK LANGUAGES 6119 MODERN GREEK LANGUAGES 6125 NATIVE AMERICAN LANGUAGES 6126 POLISH LANGUAGES 6138 LANG. FOR COLLEGE CREDIT - OTH 6199 OTHER FOREIGN LANGUAGES
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## Library Media & Ed. Technology Specialists

<b>0810</b>	<b>Library Media Specialist</b>
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7020	Library Media Specialist	7412 LIBR MEDIA SP/TEACHER OF LIBR
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<b>0820</b>	<b>Educational Technology Specialist</b>
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7051	Educational Technology Specialist	7512 SCHOOL MEDIA SPEC-EDUC COMM/AV 7514 TELEVISION PRODUCTION 7518 OTHER EDUCATIONAL COMMUNICTNS
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# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Mathematics (Mid/Sec)

	<b>0900 Mathematics (Mid/Sec)</b>	
4013	Mathematics (Grades 5-9)	4114 MATH 7
4084	Mathematics 7-9 Extension	4123 ACCELERATED INTEGRATED ALGEBRA
5130	Mathematics 7-12	4124 MATH 8
5131	Mathematics 5-6 Extension	4127 INTEGRATED ALGEBRA
		4128 INTEGRATED ALGEBRA-YR 1 OF 1 1/2-2
		4129 INTEGRATED ALGEBRA-YR 2 OF 1 1/2
		4131 GEOMETRY YR 2 OF 1-1/2 YRS
		4133 REMEDIAL MATHEMATICS GR 7-12
		4135 INTEGRATED ALGEBRA, YR 2 of 2 YRS
		4136 GEOMETRY
		4137 GEOMETRY YR 1 OF 1 1/2 - 2 YRS
		4139 GEOMETRY YR 2 OF 2 YRS
		4140 UCSMP FUNCTIONS, STATS & TRIG
		4146 ALGEBRA 2 & TRIGONOMETRY
		4155 ADV PLMNT COMPUTER SCI A-B
		4156 COM. SCI. FOR COLLEGE CREDIT
		4163 INTERMEDIATE ALGEBRA
		4164 COLLEGE BOARD AP STATISTICS
		4165 STATISTICS FOR COLLEGE CREDIT
		4172 INTRODUCTION (OR PRE) CALCULUS OR A
		4173 APPLIED-RELATED 12TH YR MATH
		4174 PRG TO MATH B REG- 2 OF 1 1/2
		4175 CALCULUS FOR COLLEGE CREDIT
		4178 PRG TO MATH B REG- 2 OF 2
		4180 PROBABILITY AND/OR STATISTICS
		4184 DISCRETE MATHEMATICS
		4185 MATH ANALYSIS
		4189 COMPUTER MATHEMATICS
		4190 COMPUTER PROGRAMMING
		4191 SELECTED TOPICS IN ADV MATH
		4192 MATH SEMINAR (PROBLEM SOLVING)
		4194 CALCULUS (NON-AP)
		4195 AP CALCULUS (AB)
		4196 AP CALCULUS (BC)
		4197 ADV PLACMNT-COMPUTER SCIENCE A
		4198 OTHER MATHEMATICS
		8326 OCCUPATIONALLY RELATED MATH

## Health Education

	<b>1000 Health Education</b>	
6120	Health	4512 HEALTH ED(GR7-8,1/2UNIT STUDY)
6121	Health Education	4513 HEALTH ED ELECTIVE (GR 7-8)
		4514 HEALTH ED(GR9-12,1/2 UNIT COU)
		4515 HEALTH ED ELECTIVE (GR 9-12)
		4516 HEALTH ED(GR K-6)

## Physical Education

	<b>1100 Physical Education</b>	
6160	Physical Education	4614 PHYSICAL EDUCATION GRADES K-6
		4616 PHYSICAL EDUCATION K-6 ADAPT
		4618 PHYSICAL EDUCATION GRADES 7-12
		4620 PHYSICAL EDUCATION 7-12 ADAPT
		4622 PHYSICAL EDUCATION K-12
		4624 PHYSICAL EDUCATION K-12 ADAPT
		4630 PHYSICAL EDUC SOLELY FOR IDEA
		4632 THERAPEUTIC REC SOLELY FOR IDEA

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

## Certificate

## Assignment

### Reading & Literacy

	<b>1300 Reading &amp; Literacy (Specialist Cert Req)</b>	
7060		3013 DEVELOPMENTAL READING 7-8
7061	Reading Teacher	3014 DEVELOPMENTAL READING 9-12
7062	Literacy (Birth-Grade 6)	3016 REMEDIAL READING K-6
	Literacy (Grades 5-12)	3017 REMEDIAL READING 7-8
		3018 REMEDIAL READING 9-12

### Science (Mid/Sec)

	<b>1410 Earth Science (Mid/Sec)</b>	
4016	Earth Science (Grades 5-9)	4226 PHYSICAL SCIENCE (EARTH/SPACE) 7-8
4048	Earth Science 7-9 Extension	4286 PHYSICAL SETTING/EARTH SCIENCE-REGE
5070	Earth Science 7-12	4290 OCEANOGRAPHY
		4294 ASTRONOMY
		4295 OTHER EARTH SCIENCE

	<b>1420 Biology-Life Sciences (Mid/Sec)</b>	
4014	Biology (Grades 5-9)	4233 LIFE SCIENCE GR 7 OR 8
4046	Biology 7-9 Extension	4235 LIVING ENVIRONMENT/BIOLOGY-REGENTS
5010	Biology 7-12	4241 BIOLOGY-COLLEGE CREDIT
		4242 ADVANCED PLACEMENT BIOLOGY-ETS
		4243 MARINE BIOLOGY
		4245 ANATOMY AND PHYSIOLOGY
		4246 BOTANY
		4247 COLLEGE BD AP ENV. SCIENCE
		4250 OTHER BIOLOGY

	<b>1430 Chemistry 7-12</b>	
5030	Chemistry 7-12	4252 PHYSICAL SETTING/CHEMISTRY- REGENTS
5031	Chemistry 5-6 Ext	4259 CHEMISTRY- COLLEGE CREDIT
		4260 ADVANCED PLACMNT CHEMISTRY-ETS
		4267 FORENSICS
		4268 OTHER CHEMISTRY

	<b>1440 Physics 7-12</b>	
5050	Physics 7-12	4270 PHYSICAL SETTING/PHYSICS-REGENTS
		4278 COLLEGE BD AP PHYSICS B
		4279 COLLEGE BD AP PHYSICS C: ELEC & MAG
		4280 COLLEGE BD AP PHYSICS C: MECHANICS
		4285 OTHER PHYSICS

	<b>1450 Other Mid Sch Science (Integrated, Intermediate, Physical)</b>	
4015	Chemistry (Grades 5-9)	4225 INTEGRATED SCI (LIFE/PHYSICAL) 7-8
4017	Physics (Grades 5-9)	4229 PHYSICAL SCIENCE (CHEM/PHYSICS) 7-8
4019	General Science (Grades 5-9) Extension	8330 OCCUPATIONALLY RELATED SCIENCE
5011	Biology 5-6 Extension	
5051	Physics 5-6 Ext	
5071	Earth Science 5-6 Ext	
5093	General Science 5-6 Extension	

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

## Certificate

## Assignment

### Science (Mid/Sec)

1460	<b>Other Science, 7-12 (Integrated, Tech, Remedial, Other)</b>
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5091	General Science 7-12 Extension		
		4227	RESEARCH PROJECTS- GRADES 9-12
		4249	ENVIRONMENTAL SCIENCE/STUDIES
		4298	OTHER SCIENCE

### Social Studies (Mid/Sec)

1500	<b>Social Studies (Mid/Sec)</b>
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4018	Social Studies (Grades 5-9)		
4086	Social Studies 7-9 Extension		
5110	Social Studies 7-12		
5111	Social Studies 5-6 Extension		
		4318	GRADE 7 : U S & N Y HIST
		4319	GRADE 8 : U S & N Y HIST
		4320	GLOBAL HISTORY & GEO 9
		4321	GLOBAL HISTORY & GEO 10
		4322	U S HIST & GOVERNMENT
		4323	PARTICIPATION IN GOVT
		4324	ECONOMICS
		4325	REMEDIAL SOCIAL STUDIES
		4326	COLLEGE BD AP MICROECONOMICS
		4335	AFRICAN-AMERICAN STUDIES/HISTORY
		4344	COLLEGE BD. AP MACROECONOMICS
		4346	ADVANCED GEOGRAPHY-ELECTIVE
		4347	COLLEGE BD AP GOVT/POLITICS/US
		4349	COLLEGE BD AP GOVT/POLITICS/COMPARE
		4350	ANTHROPOLOGY-ELECTIVE
		4352	SOCIOLOGY- ELECTIVE
		4353	SOCIOLOGY-COLLEGE CREDIT
		4354	PSYCHOLOGY-ELECTIVE
		4355	PSYCHOLOGY-COLLEGE CREDIT
		4357	COLLEGE BOARD AP PSYCHOLOGY
		4358	COLLEGE BOARD AP UNITED STATES HIST
		4360	ADV PLC EUROPEAN HIST-ELECTIVE
		4366	CRIMINAL JUSTICE
		4367	STREET LAW
		4369	OTHER LAW RELATED STUDIES-ELECTIVE
		4373	COLLEGE BD AP HUMAN GEOGRAPHY
		4375	COLLEGE BD AP WORLD HISTORY
		4376	HOLOCAUST STUDIES-ELECTIVE
		4397	OTHER SOC. STU. - COLLEGE CRED
		4398	OTHER SOCIAL STUDIES-ELECTIVE

### Sp Ed Specific Dis & Corr Speech (Not Sp Ed)

1610	<b>Deaf &amp; Hearing Impaired</b>
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9017	Deaf and Hard of Hearing		
9150	Deaf And Hearing Impaired		
		7752	EDUCATION OF DEAF/HRD OF HEAR K-6
		7754	EDUCATION OF DEAF/HRD OF HEAR 7-12

1620	<b>Blind &amp; Visually Impaired</b>
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9018	Blind and Visually Impaired		
		7756	EDUCATION OF BLIND/VIS IMP K-6
		7760	EDUCATION OF BLIND/VIS IMP 7-12

1630	<b>Lang Imp (Sp Ed) &amp; Corr Speech (Not Sp Ed)</b>
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9020	Speech And Hearing Handicapped		
9021	Speech And Language Disabilities		
		3154	SPEECH-NOT CORRECTIVE
		3155	CORRECTIVE SPEECH NOT SPEC ED
		7755	ED OF SPEECH/LANG DISABLED (ALL)

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Sp Ed Early Childhood & Elementary**

1701	<b>SWD Birth-Grade 2 Certifications</b>	
9013	Students With Disabilities (Birth-Grade 2)	
1702	<b>SWD Grades 1-6 Certifications</b>	
9014	Students With Disabilities (Grades 1-6)	
1710	<b>Sp Ed Preschool FTEs</b>	7712 PRESCHOOL SPEC ED ITINERANT (SEIT) 7713 SPECIAL CLASS - PRESCHOOL (PRE-K)
1711	<b>Sp Ed PreK FTEs</b>	7714 NYS ALTERNATE ASSESSMENT ELEM K-6 7715 RESOURCE ROOM- ELEMENTARY K-6 7731 CONSULTANT TEACHER - ELEM K-6 7762 SPECIAL CLASS ELEMENTARY K-6 7798 OTHER SPECIAL CLASS (SPEC ED) 7-12
1715	<b>Sp Ed. PreK Bilinugal FTEs</b>	5622 SPANISH BILINGUAL SPECIAL ED 5697 OTHER BILINGUAL SPECIAL ED
1720	<b>Sp Ed K-6 FTEs (Not Bilingual)</b>	7714 NYS ALTERNATE ASSESSMENT ELEM K-6 7715 RESOURCE ROOM- ELEMENTARY K-6 7731 CONSULTANT TEACHER - ELEM K-6 7762 SPECIAL CLASS ELEMENTARY K-6 7798 OTHER SPECIAL CLASS (SPEC ED) 7-12 7799 SPECIAL EDUCATION
1730	<b>Sp Ed. K-6 Bilinugal FTEs</b>	5616 CHINESE BILINGUAL SPECIAL ED 5622 SPANISH BILINGUAL SPECIAL ED 5628 HAITIAN-CREOLE BILN SPECIAL ED 5697 OTHER BILINGUAL SPECIAL ED
1790	<b>Sp.Ed Home/Hospital PK-6</b>	7727 HOME/HOSPITAL INST SPEC ED (ALL)

**Sp Ed Middle/Secondary**

1805	<b>Sp Ed K-12 FTE Certifications</b>	
9010	Special Education	
1810	<b>Sp Ed Gen. 5-9 Certs (NYSAA, RR, CT FTEs)</b>	
9015	Students With Disabilities (Grades 5-9), Generalist	7716 NYS ALTERNATE ASSESSMENT M/S 7-12 7722 RESOURCE ROOM MID/SEC 7-12 7732 CONSULTANT TEACHER MID/SEC 7-12

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

**Certificate**

**Assignment**

## Sp Ed Middle/Secondary

<b>1820</b>	<b>Sp Ed Math Mid/Sec</b>
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9037	Students With Disabilities - Grades 5-9 - Mathematics
9063	Students With Disabilities - Grades 7-12 - Mathematics

- 7701 GEOMETRY (SPEC ED) 7-12
- 7702 GEOMETRY (SPEC ED) 1 OF 1 1/2-2 YRS
- 7704 GEOMETRY (SPEC ED) 2 OF 1 1/2 YRS
- 7705 GEOMETRY (SPEC ED) YR 2 OF 2 YRS
- 7708 ALGEBRA 2 AND TRIGONOMETRY
- 7730 MATH GRADE 7 OR 8 (SPEC ED)
- 7746 MATH B (SPEC ED) YR 2 OF 1 1/2
- 7748 MATH B (SPEC ED) YR 2 OF 2
- 7750 OTHER MATH (SPEC ED), 7-12
- 7780 INTEG ALGEBRA (SPEC ED) 1 OF 1 1/2-2
- 7781 INTEG ALGEBRA (SPEC ED) 2 OF 1 1/2
- 7782 INTEG ALGEBRA (SPEC ED) 2 OF 2 YRS
- 7783 INTEGRATED ALGEBRA
- 7784 ACCEL INTEG ALGEBRA (SPEC ED) 7-12

<b>1830</b>	<b>Sp Ed Social Studies Mid/Sec</b>
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9042	Students With Disabilities - Grades 5-9 - Social Studies
9066	Students With Disabilities - Grades 7-12 - Social Studies

- 7718 SOCIAL STUDIES (SPEC ED) 7-12
- 7720 GLOBAL HISTORY & GEO (SPEC ED) GR 9
- 7721 GLOBAL HISTORY & GEO (SPEC ED) GR 10
- 7723 US HISTORY & GOVT (SPEC ED)
- 7724 OTHER SOCIAL STUDIES (SPEC ED)

<b>1840</b>	<b>Sp Ed English Mid/Sec</b>
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9026	Students With Disabilities - Grades 5-9 - English
9051	Students With Disabilities - Grades 7-12 - English

- 7725 ENGLISH (SPEC ED) GRADES 7 OR 8
- 7726 ENGLISH (SPEC ED) GRADE 9
- 7728 ENGLISH (SPEC ED) GRADES 10-12
- 7729 OTHER ENGLISH (SPEC ED)

<b>1850</b>	<b>Sp Ed Science Mid/Sec</b>
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9022	Students With Disabilities - Grades 5-9 - Concentration In Biology
9027	Students With Disabilities - Grades 5-9 - Concentration In Earth Science
9046	Students With Disabilities - Grades 7-12 - Biology
9048	Students With Disabilities - Grades 7-12 - Chemistry
9053	Students With Disabilities - Grades 7-12 - Earth Science
9064	Students With Disabilities - Grades 7-12 - Physics

- 7764 SCIENCE (SPEC ED) GRADES 7 OR 8
- 7766 EARTH SCIENCE (SPEC ED) 7-12
- 7768 BIOLOGY (SPEC ED) 7-12
- 7770 CHEMISTRY (SPEC ED) 7-12
- 7772 PHYSICS (SPEC ED) 7-12
- 7774 OTHER SCIENCE (SPEC ED) 7-12

<b>1860</b>	<b>Sp Ed Languages Other Than English (LOTE)</b>
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9043	Students With Disabilities - Grades 5-9 - Spanish
9054	Students With Disabilities - Grades 7-12 - French
9067	Students With Disabilities - Grades 7-12 - Spanish

- 7757 SPANISH LANGUAGES (SPEC ED)
- 7758 FRENCH LANGUAGES (SPEC ED)
- 7759 OTHER LANGUAGE (SPEC ED)

<b>1870</b>	<b>Sp Ed Home/Hospital FTEs Mid/Sec</b>
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7727 HOME/HOSPITAL INST SPEC ED (ALL)

<b>1880</b>	<b>Sp Ed Work Study FTEs</b>
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7914 SPECIAL EDUCATION WORK STUDY

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Sp Ed Middle/Secondary**

1890 **Other Special Class Mid/Sec FTEs**

7798 OTHER SPECIAL CLASS (SPEC ED) 7-12  
7799 SPECIAL EDUCATION

**Bilingual 7-12 FTEs, Reg & Sp Ed**

1925 **Reg Ed Bilingual 7-12 FTEs All Subjects**

5614 CHINESE BILINGUAL ED (7-12)  
5617 CHINESE BILINGUAL OCCUP EDUC  
5620 SPANISH BILINGUAL ED (7-12)  
5623 SPANISH BILINGUAL OCCUP EDUC  
5626 HAITIAN-CREOLE BILING ED(7-12)  
5635 KOREAN BILING OCC ED  
5651 RUSSIAN BILINGUAL ED (7-12)  
5696 OTHER BILINGUAL ED (7-12)

1926 **Sp Ed Bilingual 7-12 FTEs All Subjects**

5622 SPANISH BILINGUAL SPECIAL ED  
5697 OTHER BILINGUAL SPECIAL ED

**Academic Intervention Services (AIS) FTEs**

2501 **AIS Reading K-6, Reading/Lit Cert Req**

5586 READING AIS, K-6

2502 **AIS Reading Mid/Sec, Reading/Lit Cert Req**

5596 READING AIS 7-12

2503 **AIS Math K-6, No Specialist Cert Req**

5587 MATH AIS, K-6

2504 **AIS Math Mid/Sec, Math or MS Gen Cert Req**

5597 MATH AIS, 7-12

2505 **AIS Science K-6, No Specialist Cert Req**

5584 SCIENCE AIS, K-6

2506 **AIS Science Mid/Sec, Science or MS Gen Cert Req**

5594 SCIENCE-AIS, GR 7-12

2507 **AIS Social Studies K-6, No Specialist Cert Req**

5585 SOCIAL STUDIES AIS, K-6

2508 **AIS Social Studies Mid/Sec, S.S. or MS Gen Cert Req**

5595 SOCIAL STUDIES- AIS, GR 7-12

2509 **AIS English Language Arts K-6, No Specialist Cert Req**

5582 ENGLISH LANGUAGE ARTS AIS, K-6

2510 **AIS English Language Arts Mid/Sec, Specialist Cert Req**

5592 ENGLISH LANGUAGE ARTS AIS, 7-12

2511 **AIS Other Subject K-6, No Specialist Cert Required**

5583 OTHER AIS, K-6

2512 **AIS Other Subject 7-12, Specialist Cert Required**

5593 OTHER-AIS, GR 7-12

**NYS Certificates and Teaching Assignments  
Associated with Each Teacher Supply and Demand Area**

**Certificate**

**Assignment**

**Other Mid/Sec FTEs (Any Valid NYS Cert OK)**

3005	<b>Safety Education (any Cert OK)</b>	5716 SAFETY EDUCATION (GRADES K-6) 5718 SAFETY EDUCATION (GRADES 7-9) 5720 SAFETY EDUCATION(GRADES 10-12)
3010	<b>Helping (Any Cert OK)</b>	7114 HELPING
3020	<b>Driver Education (Any Cert OK)</b>	5712 DRIVER EDUCATION-BOTH PHASES 5714 DRIVER EDUCATION-CLASSROOM
3030	<b>Interdisc/Humanities/Gifted M/S FTEs</b>	5412 HUMAN VALUES 5416 HUMANITIES/ARTS 5418 HUMANITIES/GREAT WORKS 5498 OTHER HUMANITIES 5512 ENGLISH-SOCIAL STUDIES 5514 MATHEMATICS-SCIENCE 5518 SOCIAL STUDIES-SCIENCE 5520 SCIENCE-HUMANITIES 5523 SOCIAL STUDIES-HUMANITIES 5599 COMBINATION COURSES 7814 SECONDARY GFTED/TALENTED 7-12 7816 MIDDLE-LEVEL GIFTED/TALENTED
3035	<b>Comm Serv for Credit Mid/Sec (Any Cert OK)</b>	4380 COMMUNITY SERVICE FOR CREDIT
3040	<b>Absentee Teacher Reserve (Any Cert OK)</b>	7120 ABSENTEE TEACHER RESERVE
3060	<b>Study Skills (Any Cert OK)</b>	7116 STUDY SKILLS
3070	<b>Home/Hospital Instruction, Not Sp. Ed.</b>	7128 HOME/HOSPITAL INSTRUC (NOT S.E.)
3080	<b>Suspension (In-School &amp; Out) (Any Cert OK)</b>	7122 SUSPENSION (IN-SCHOOL) 7127 OUT-OF-SCHOOL SUSPENSION
3090	<b>GED Prep. &amp; Alt. Ed. (Any Cert OK)</b>	7124 GED PREP 7126 ALT. ED (BOCES ONLY)
3099	<b>"Other" Subject FTEs (Mid/Sec, Any Cert OK)</b>	7112 OTHER SUBJECT AREA

**Generalist Middle Childhood Ed Certification**

5000	<b>Generalist in Middle Childhood Education (Grades 5-9)</b>
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4011 Generalist In Middle Childhood Education (Grades 5-9)

**Visiting Lecturer**

6010	
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0003 Visiting Lecturer

# NYS Certificates and Teaching Assignments Associated with Each Teacher Supply and Demand Area

Certificate

Assignment

## Annotations and Extensions (same TSD area as base cert)

<b>7010</b>	<b>Coordinator of Work-based Learning Programs Extensions</b>
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8980	Coordinator of Cooperative Work-Study Programs
8981	Coordinator of Work-Based Learning Programs for Career Awareness Extension
8982	Coordinator of Work-Based Learning Programs for Career Development Extension

<b>7030</b>	<b>Gifted Education Extension</b>
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9170	Gifted Education Extension
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<b>7040</b>	<b>Severe Or Multiple Disabilities Annotation</b>
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9171	Severe Or Multiple Disabilities Annotation
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## Bilingual Ed Exts (issued to new teachers)

<b>8000</b>	<b>Bilingual Ed Exts (issued to new teachers)</b>
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0075	Supplementary Bilingual Education Extension
7090	Bilingual Education (Elementary)
7091	Bilingual Education (Non-Elementary)
7093	Bilingual Education Extension