

To: John Bramley

From: Fred Curran

Re: UVM Retention by Distance

Date: Revised June 29th, 2004

John,

Attached are some graphs and tables presenting summary and detailed data on retention data “by distance.” We have aggregated the distance data by the eight primary feeder states (Vermont, Massachusetts, New York, New Hampshire, Connecticut, Maine, Rhode Island, and New Jersey) and then by region (the other Middle States, Midwest, South, Southwest, and West). The data are organized by relative proximity to Vermont.

From the 3 summary graphs where I have plotted weighted average retention rates, there definitely seems to be lower retention rates the farther you get from Vermont. The West, Southwest, and South – and Maine --have the lowest 1st-to-2nd year, 2nd-to-3rd year, and 3rd-to-4th year retention rates, followed by the Middle States and the Midwest. However, the number of students in the entering classes from these regions are relatively small. For example, the average number of students from the 4 states making up the Southwest is 7, with a high of 14 and a low of 3. *[Details on the number of students in the entering classes may be found in Appendices I and III.]*

It is also interesting to note what happens the retention rates for students from New York, New Hampshire, and Rhode Island. While their 1st-to-2nd year retention rates are at above the average for all students, they fall below the “all student average” in their 2nd-to-3rd retention. New York’s and Rhode Island’s 3rd-to-4th year retention also fall behind the “all student average”.

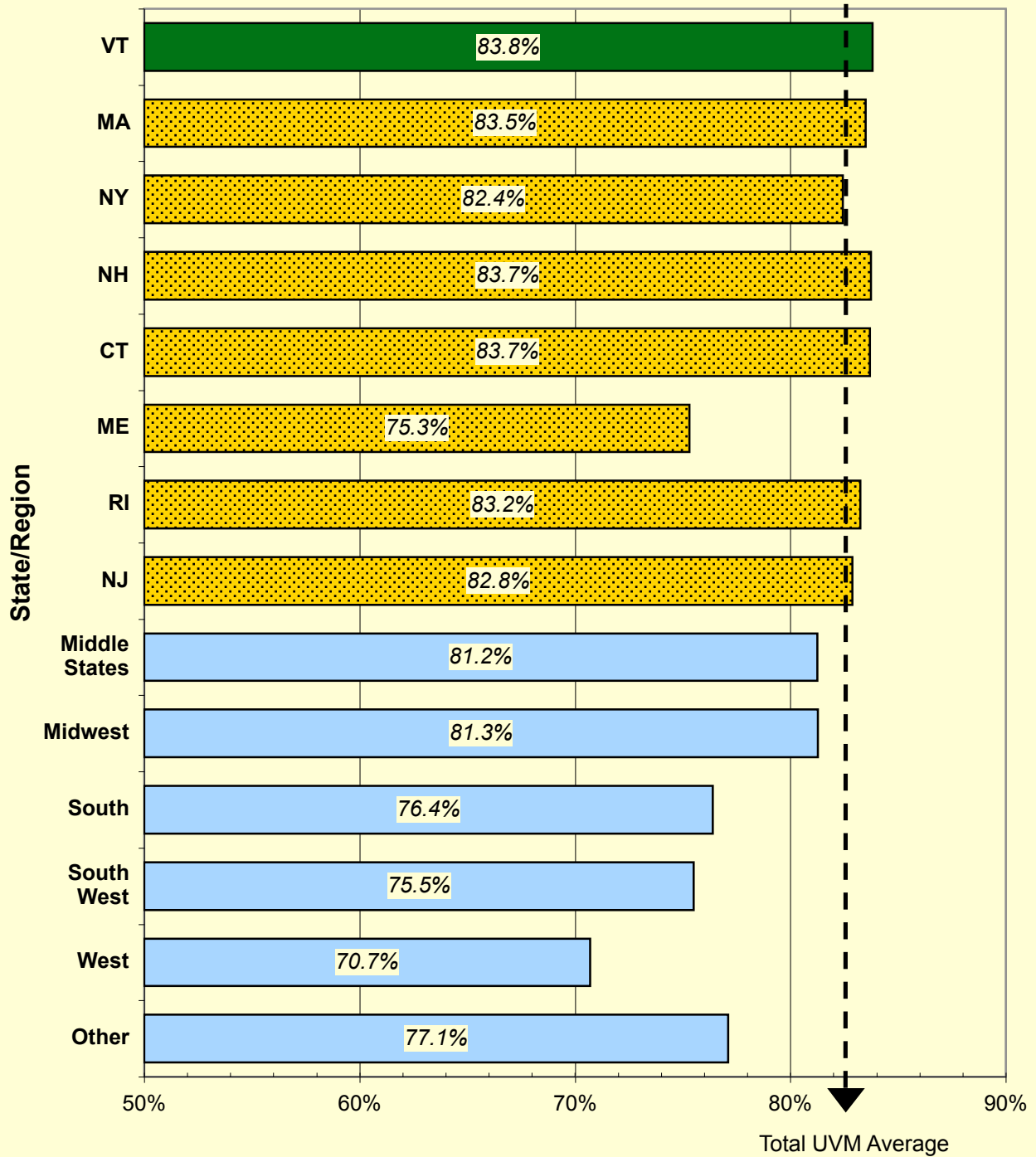
Appendix II and Appendix III provide more detailed data than the summary graphs by presenting information by individual states and regions by individual year.

Given more time, we could disaggregate the data, e.g., Vermonters by County.

Please let me know if you have any questions or would like additional information.

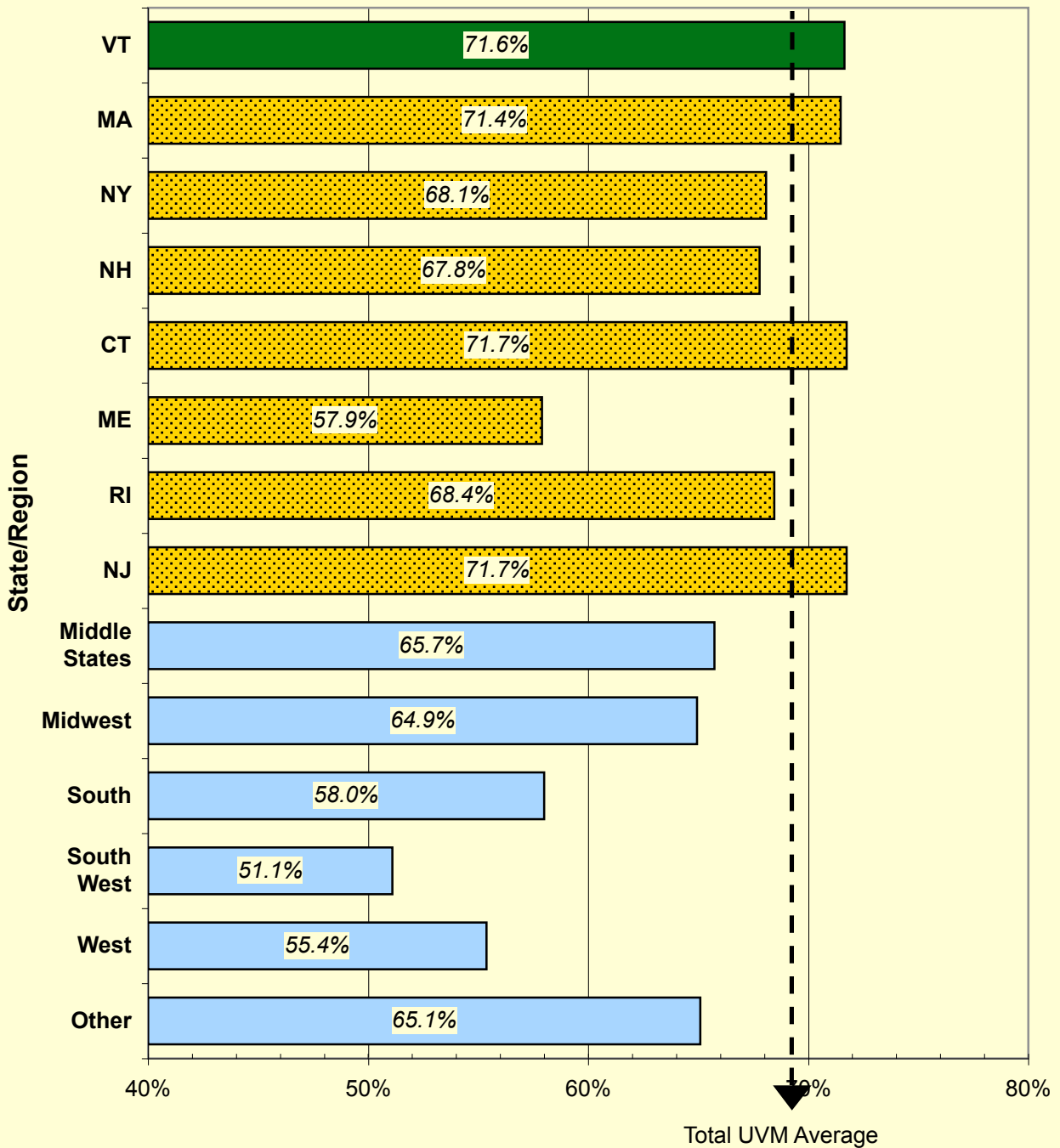
Attachments: [4]

UNIVERSITY OF VERMONT
8-Year Average 1st-to-2nd Year Retention Rate
Class Entering UVM from Fall 1995 to Fall 2002



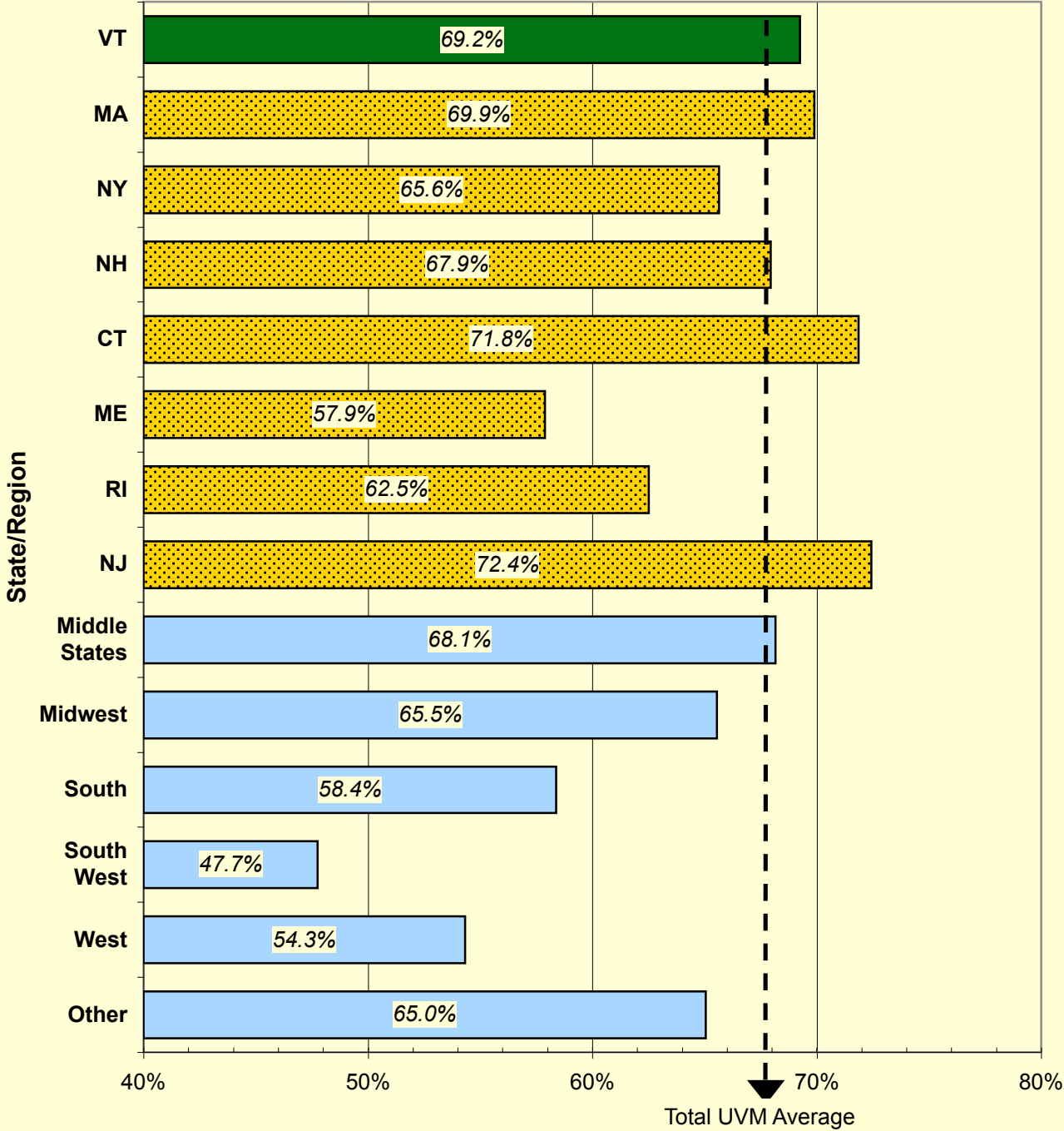
Notes: 1. Other includes foreign addresses and non-resident students with Vermont addresses.
 2. Numbers in some states or regions are very small, especially the Southwest.

UNIVERSITY OF VERMONT
7-Year Average 2nd-to-3rd Year Retention Rate
Class Entering UVM from Fall 1995 to Fall 2002



Notes: 1. Other includes foreign addresses and non-resident students with Vermont addresses.
 2. Numbers in some states or regions are very small, especially the Southwest.

UNIVERSITY OF VERMONT
6-Year Average 3rd-to-4th Year Retention Rate
Class Entering UVM from Fall 1995 to Fall 2002



Notes: 1. Other includes foreign addresses and non-resident students with Vermont addresses.
 2. Numbers in some states or regions are very small, especially the Southwest.

APPENDIX I
The Average, Maximum, and Minimum Entering Class Sizes
by Primary Feeder States and by Region, Classes Entering UVM
from Fall 1995 to Fall 2002

APPENDIX II
Retention Rates by UVM's Primary Feeder States and the Other Regions
for Each Class Entering Fall 1995 to Fall 2002

INDIVIDUAL STATE AND REGION GRAPHS

APPENDIX III
Retention Rates by UVM's Primary Feeder States and the Other Regions
for Each Class Entering Fall 1995 to Fall 2002

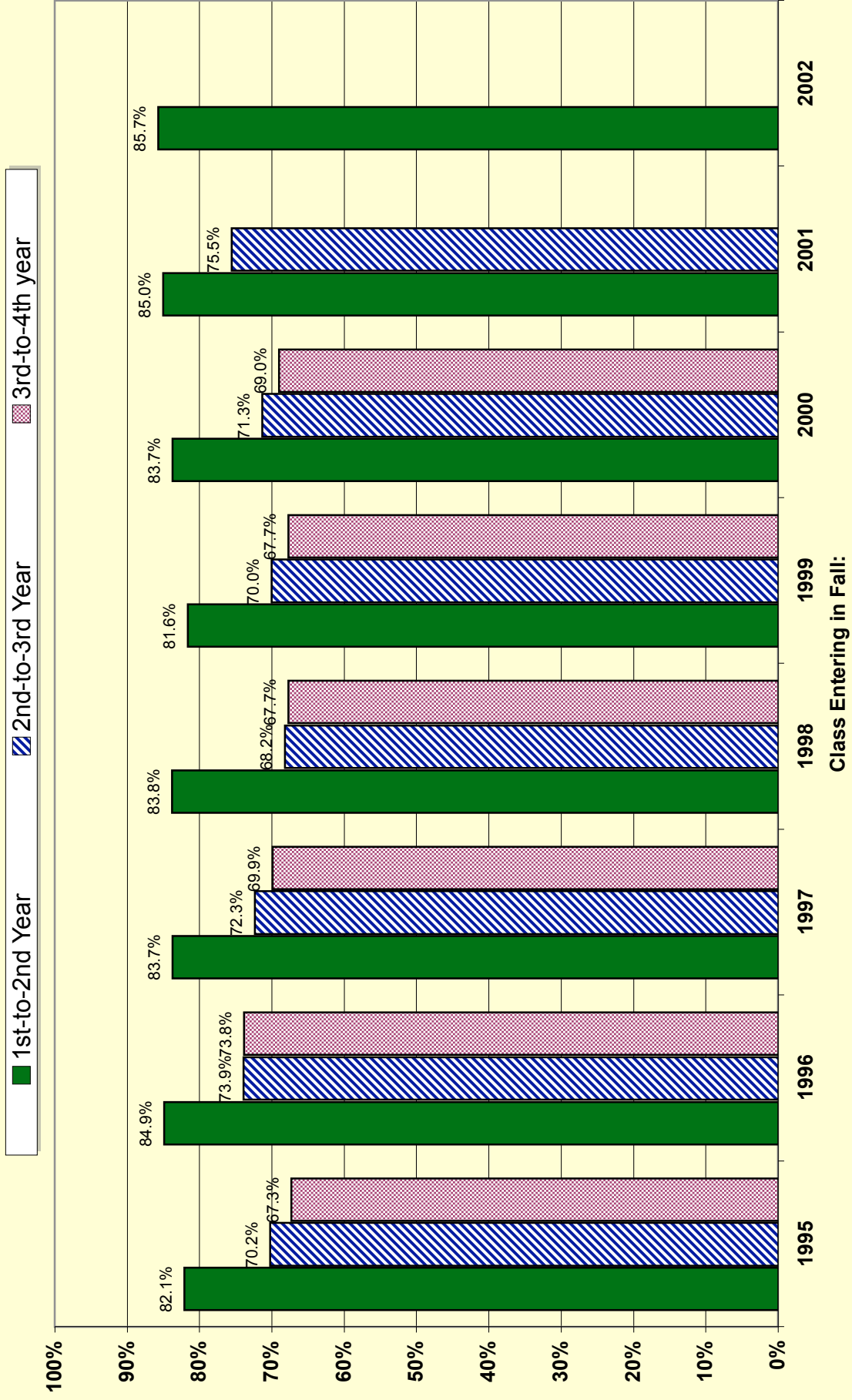
TABLE

TABLE 1: The Average, Maximum, and Minimum Entering Class Sizes by Primary Feeder States and by Region, Classes Entering UVM from Fall 1995 to Fall 2002

Feeder State/Region	Average Entering Class Size	Maximum Entering Class Size	Minimum Entering Class Size
Primary Feeder States			
Vermont	568	632	467
Massachusetts	308	337	272
New York	201	241	174
New Hampshire	67	81	49
Connecticut	146	180	118
Maine	68	83	62
Rhode Island	35	43	20
New Jersey	116	126	99
Other Middle States	113	137	97
Midwest	79	97	63
South	46	63	33
Southwest	7	14	3
West	38	50	24
Other*	30	47	22
Total	1,822	1,889	1,767

List of States Included in Each Region	
Other Middle States	Southwest
Delaware	Arkansas
District of Columbia	New Mexico
Maryland	Oklahoma
Pennsylvania	Texas
Midwest	West
Illinois	Alaska
Indiana	Arizona
Iowa	California
Kansas	Colorado
Michigan	Hawaii
Minnesota	Idaho
Missouri	Montana
Nebraska	Nevada
North Dakota	Oregon
Ohio	Utah
South Dakota	Washington
West Virginia	Wyoming
Wisconsin	
South	*Other
Alabama	Includes foreign addresses and non-residents with Vermont Addresses
Florida	
Georgia	
Kentucky	
Louisiana	
Mississippi	
North Carolina	
South Carolina	
Tennessee	
Virginia	

**Figure A: One, Two, and Three Year Retention Rates for Students from Vermont,
Classes Entering UVM from Fall 1995 to Fall 2002**



**Figure B: One, Two, and Three Year Retention Rates for Students from Massachusetts,
Classes Entering UVM from Fall 1995 to Fall 2002**

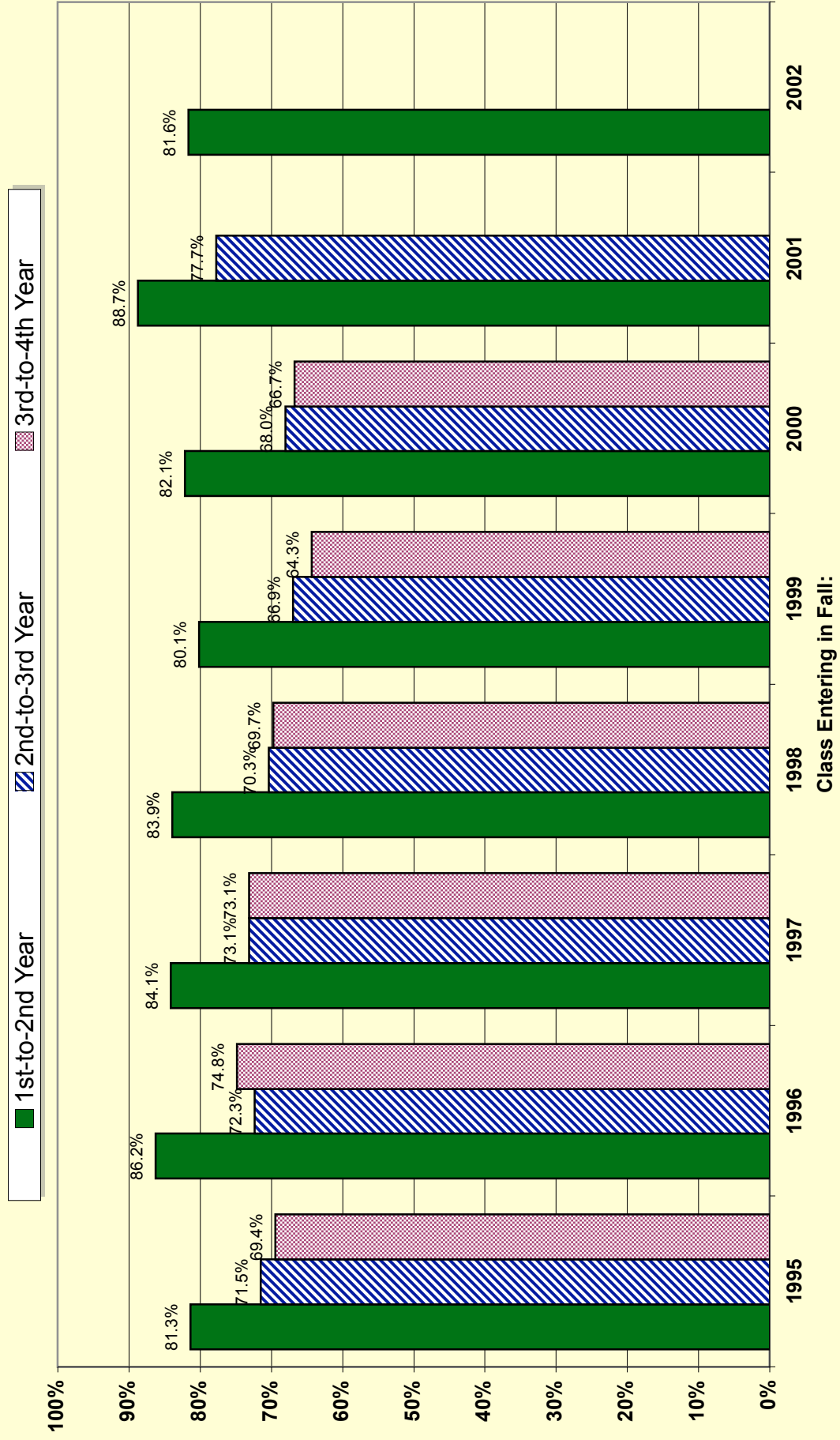
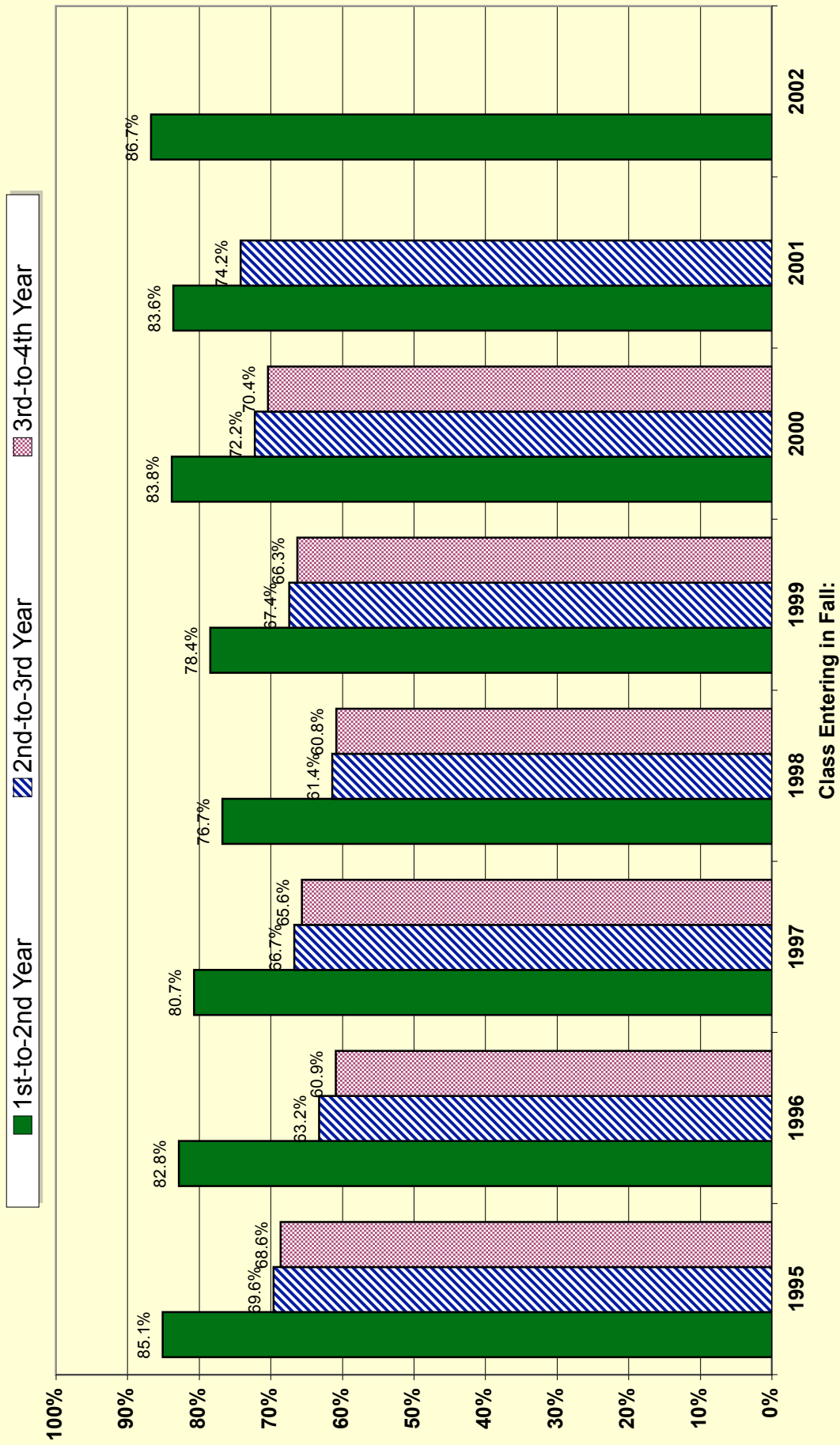


Figure C: One, Two, and Three Year Retention Rates for Students from New York, Classes Entering UVM from Fall 1995 to Fall 2002



**Figure D: One, Two, and Three Year Retention Rates for Students from New Hampshire,
Classes Entering UVM from Fall 1995 to Fall 2002**

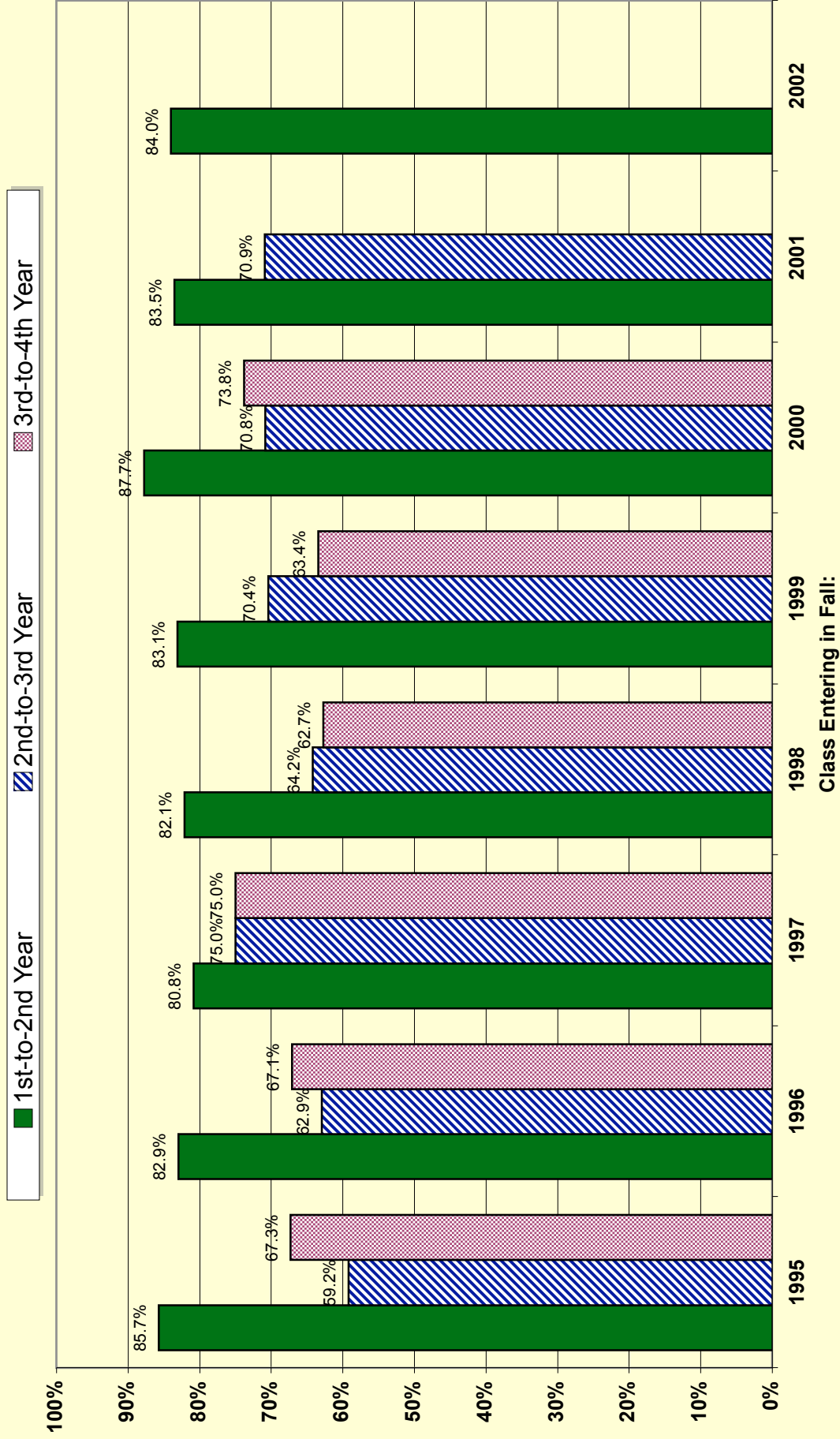
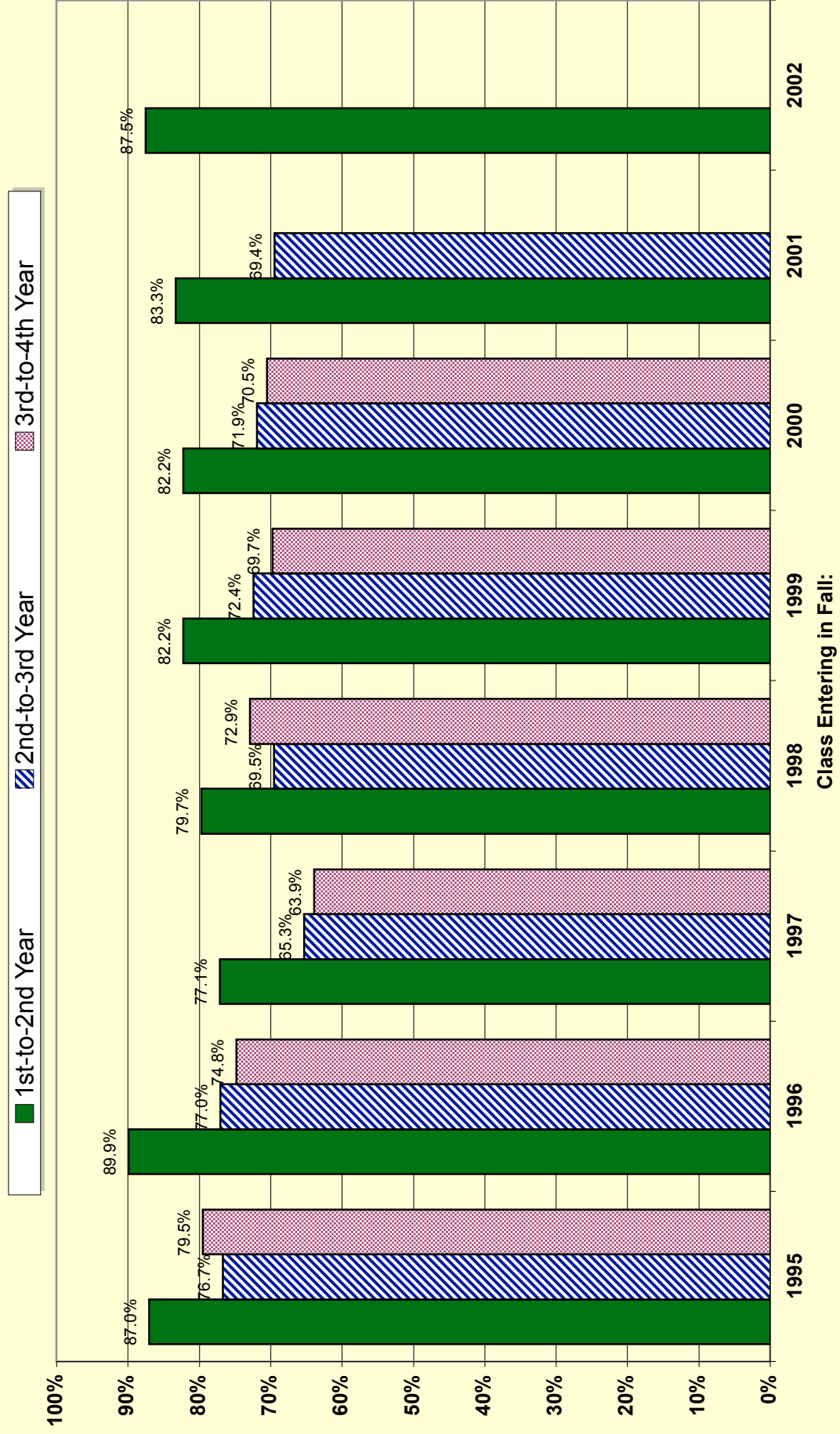


Figure E: One, Two, and Three Year Retention Rates for Students from Connecticut, Classes Entering UVM from Fall 1995 to Fall 2002



**Figure F: One, Two, and Three Year Retention Rates for Students from Maine,
Classes Entering UVM from Fall 1995 to Fall 2002**

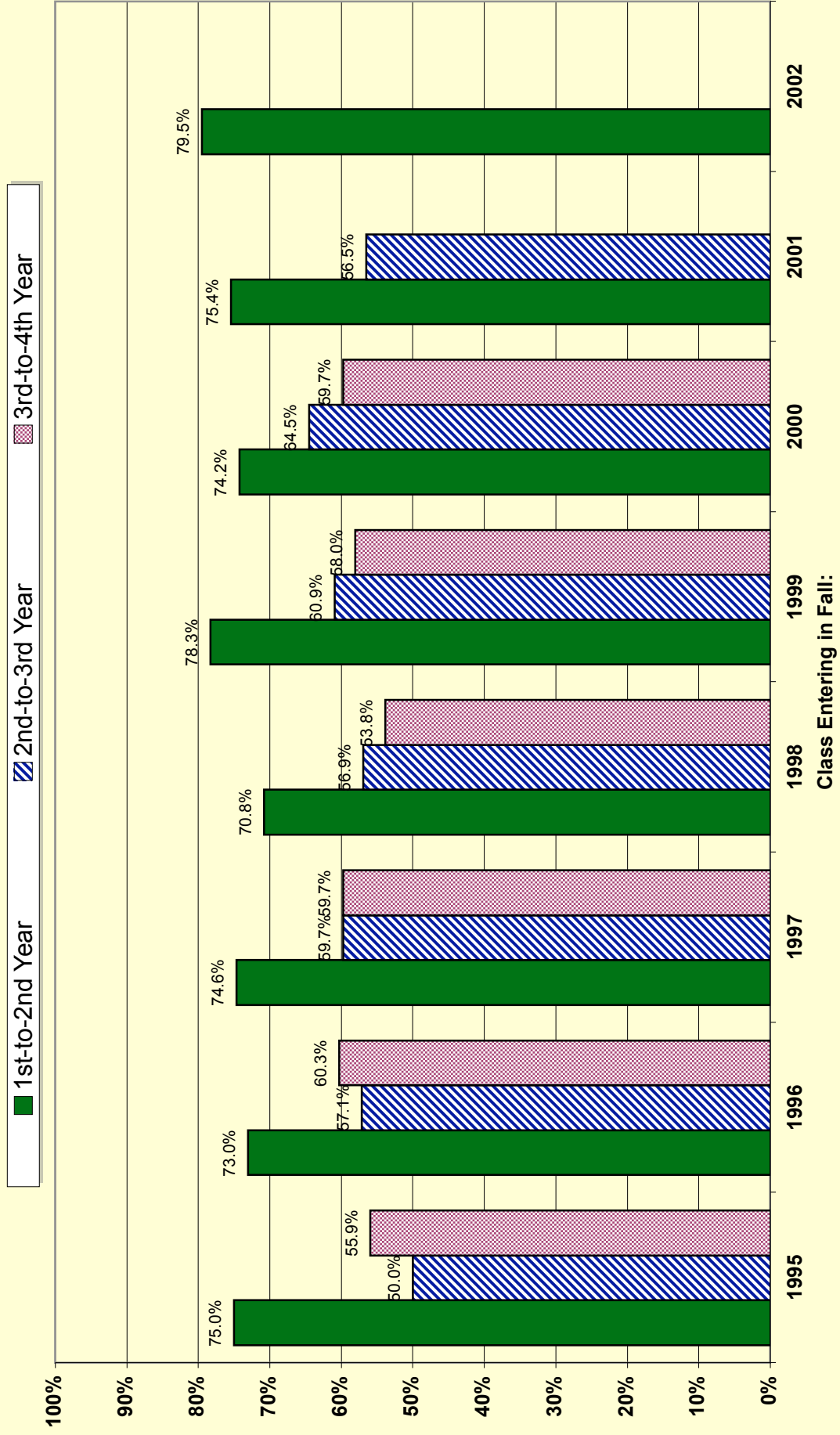
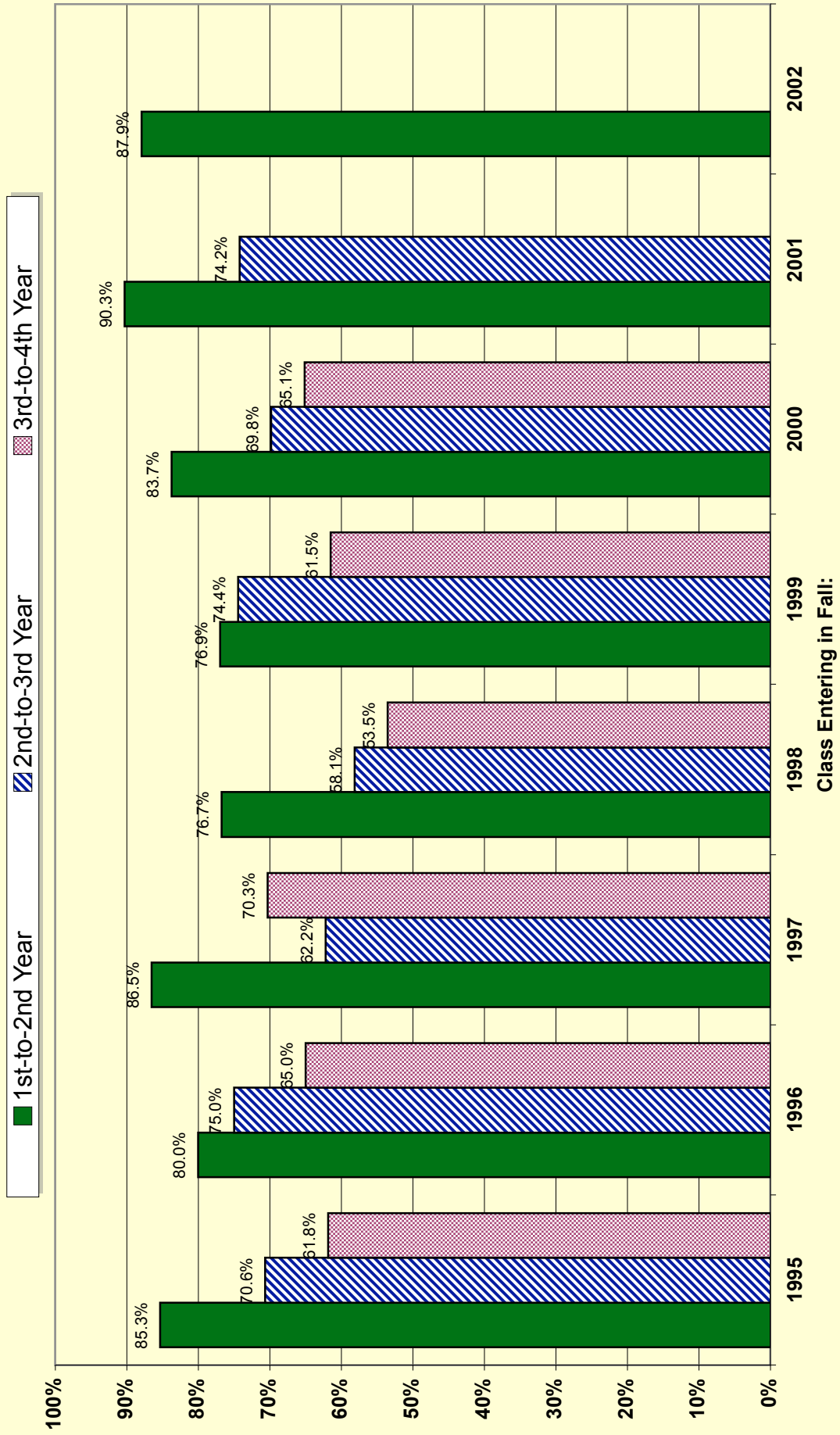


Figure G: One, Two, and Three Year Retention Rates for Students from Rhode Island, Classes Entering UVM from Fall 1995 to Fall 2002



**Figure H: One, Two, and Three Year Retention Rates for Students from New Jersey,
Classes Entering UVM from Fall 1995 to Fall 2002**

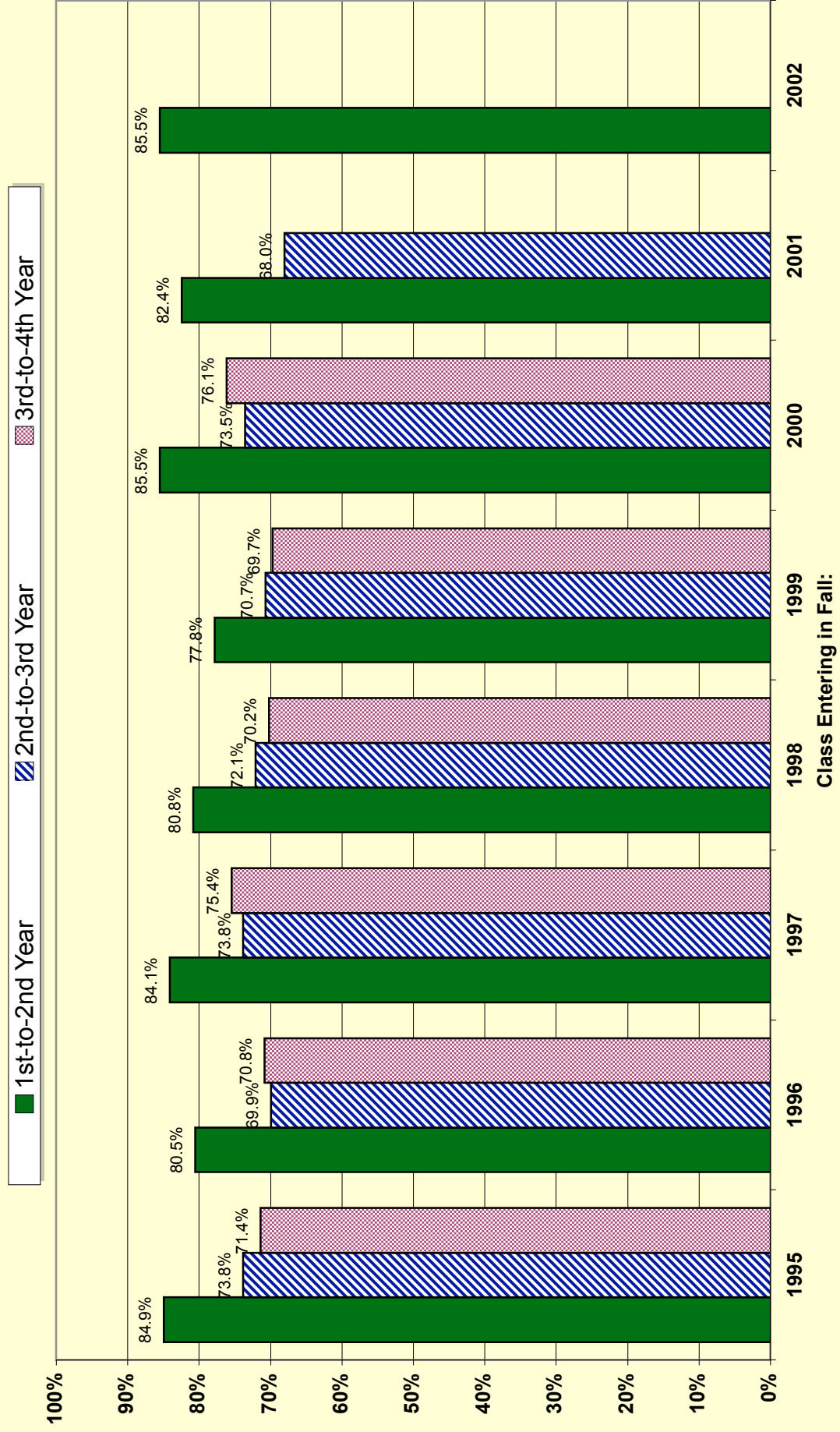
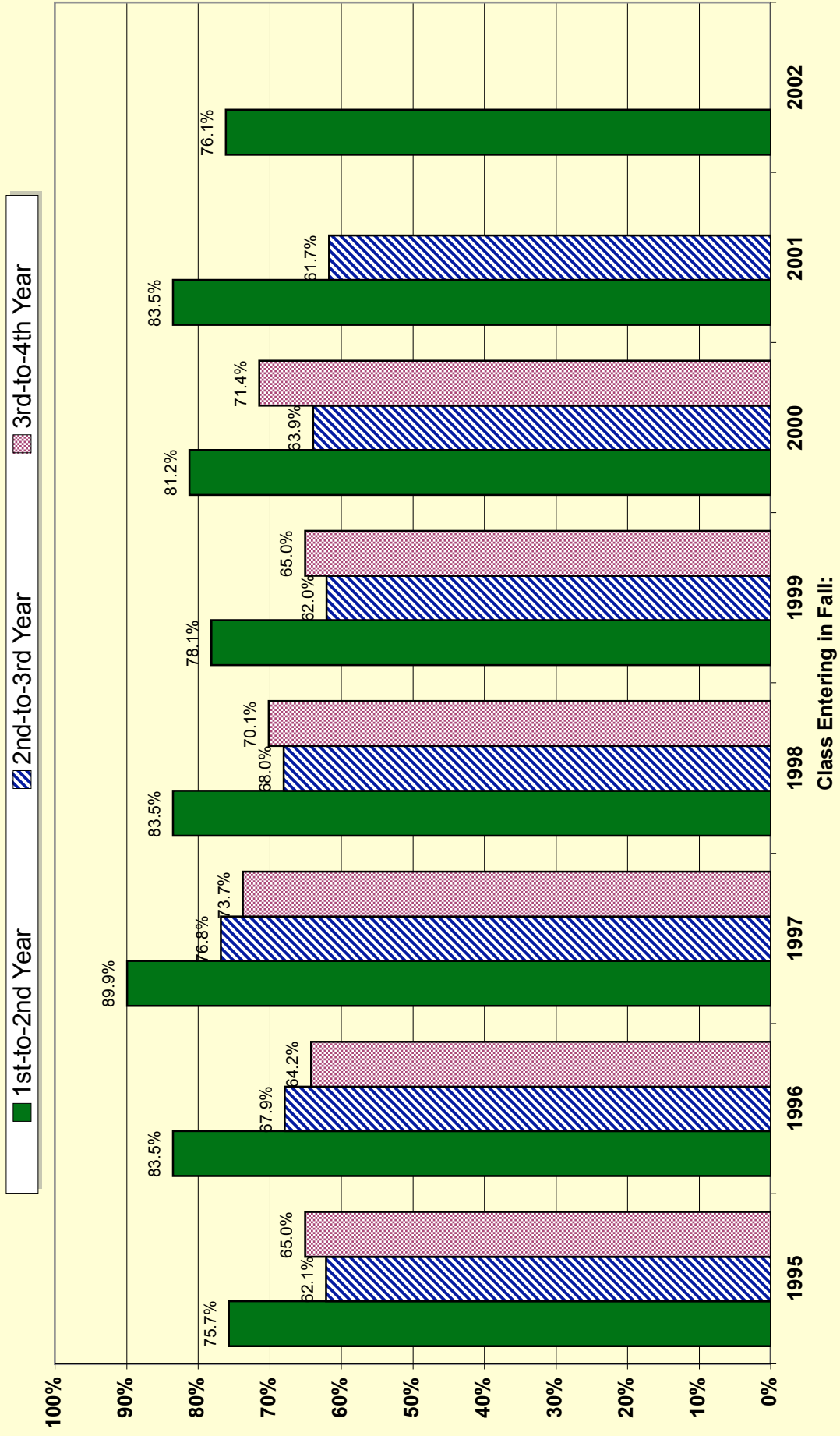
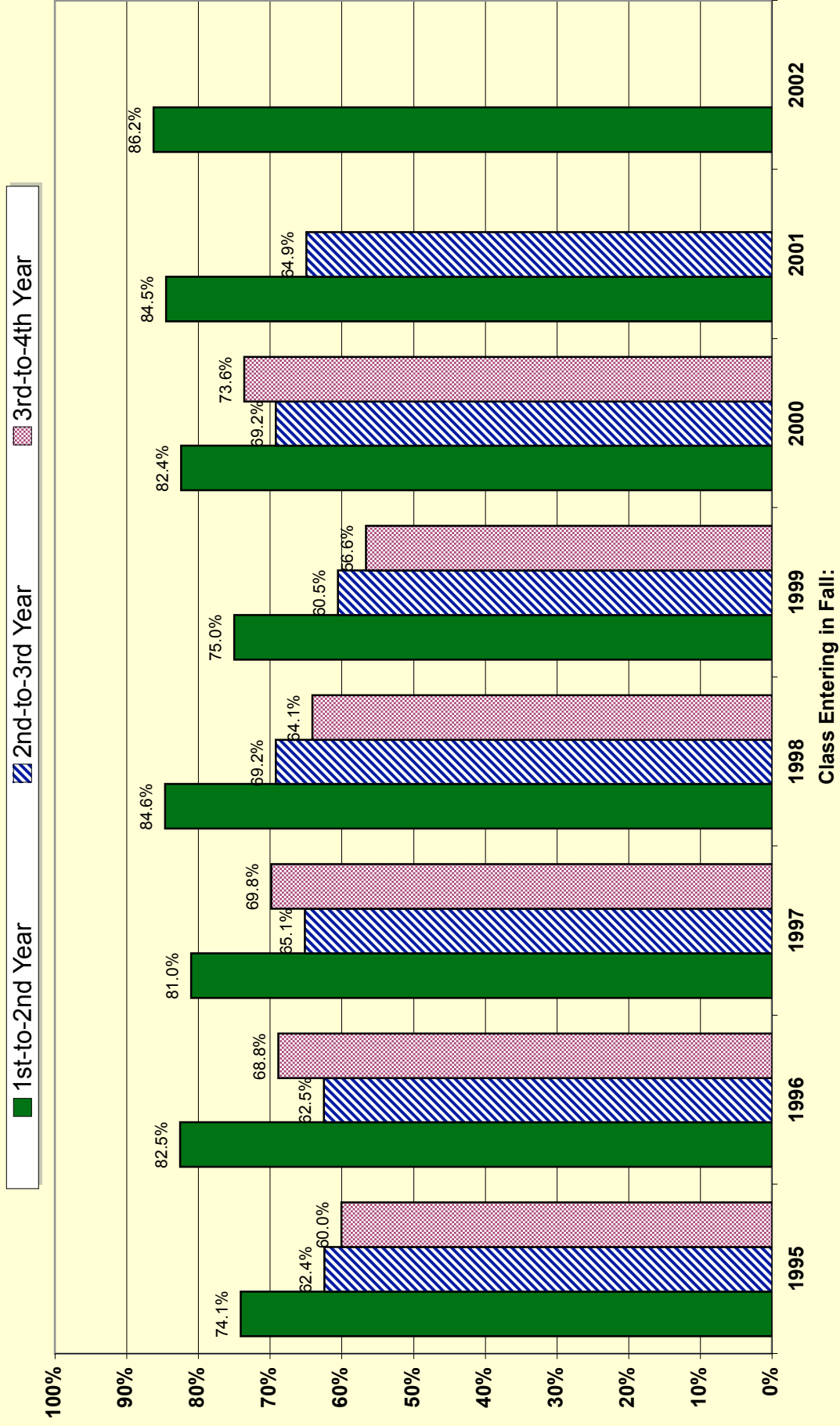


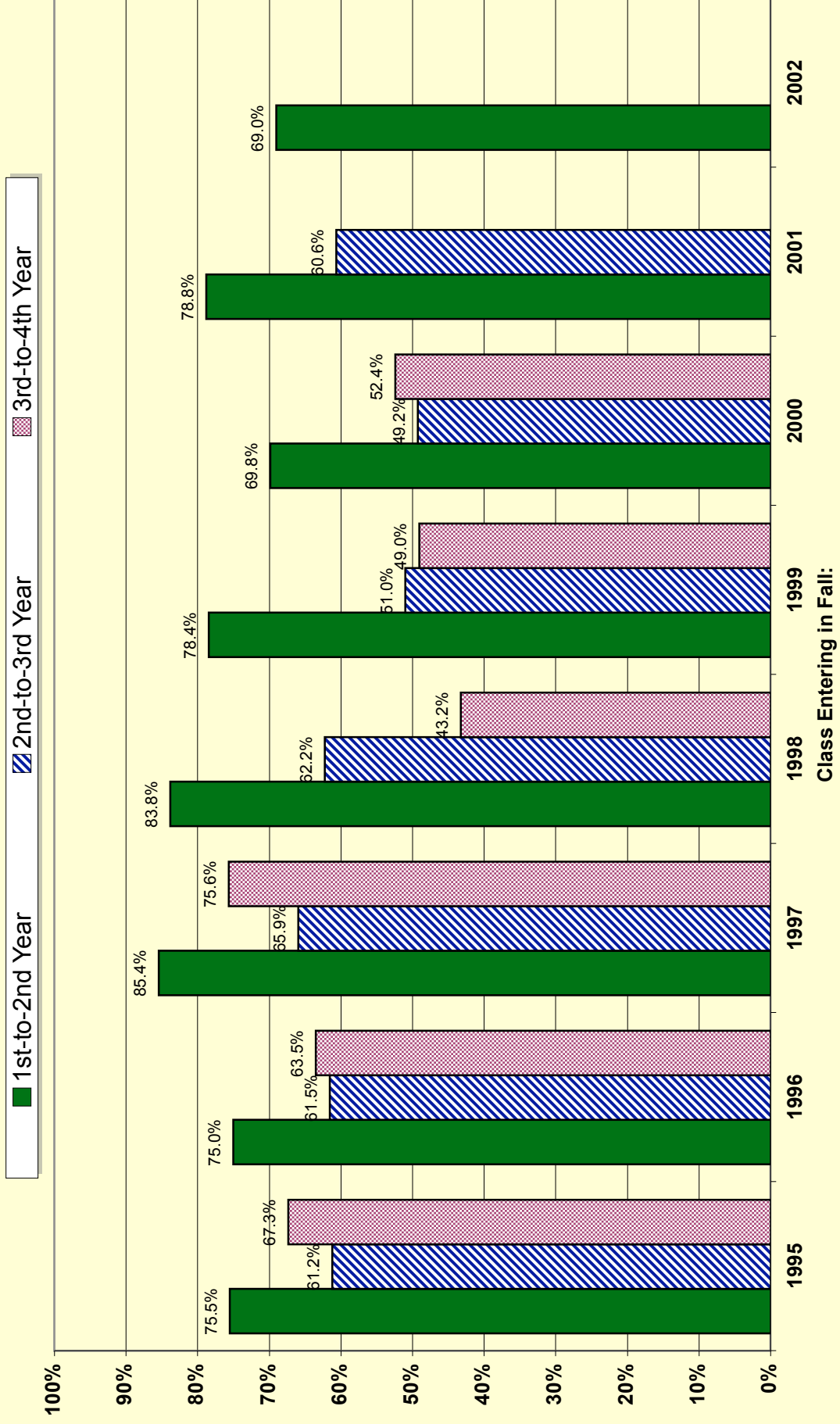
Figure I: One, Two, and Three Year Retention Rates for Students from the Middle States, Classes Entering UVM from Fall 1995 to Fall 2002



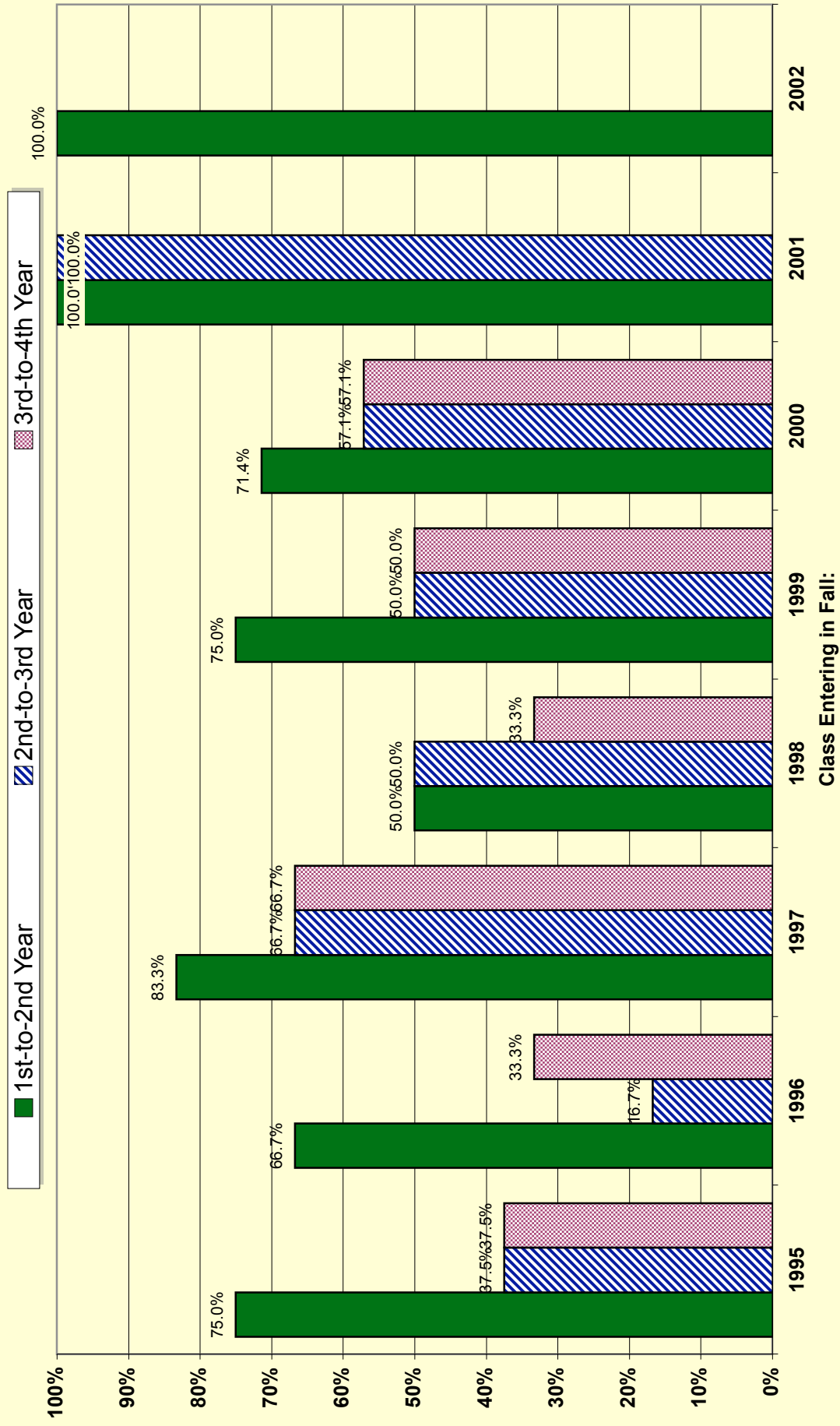
**Figure J: One, Two, and Three Year Retention Rates for Students from the Midwest,
Classes Entering UVM from Fall 1995 to Fall 2002**



**Figure K: One, Two, and Three Year Retention Rates for Students from the South,
Classes Entering UVM from Fall 1995 to Fall 2002**



**Figure L: One, Two, and Three Year Retention Rates for Students from the Southwest,
Classes Entering UVM from Fall 1995 to Fall 2002**



**Figure M: One, Two, and Three Year Retention Rates for Students from the West,
Classes Entering UVM from Fall 1995 to Fall 2002**

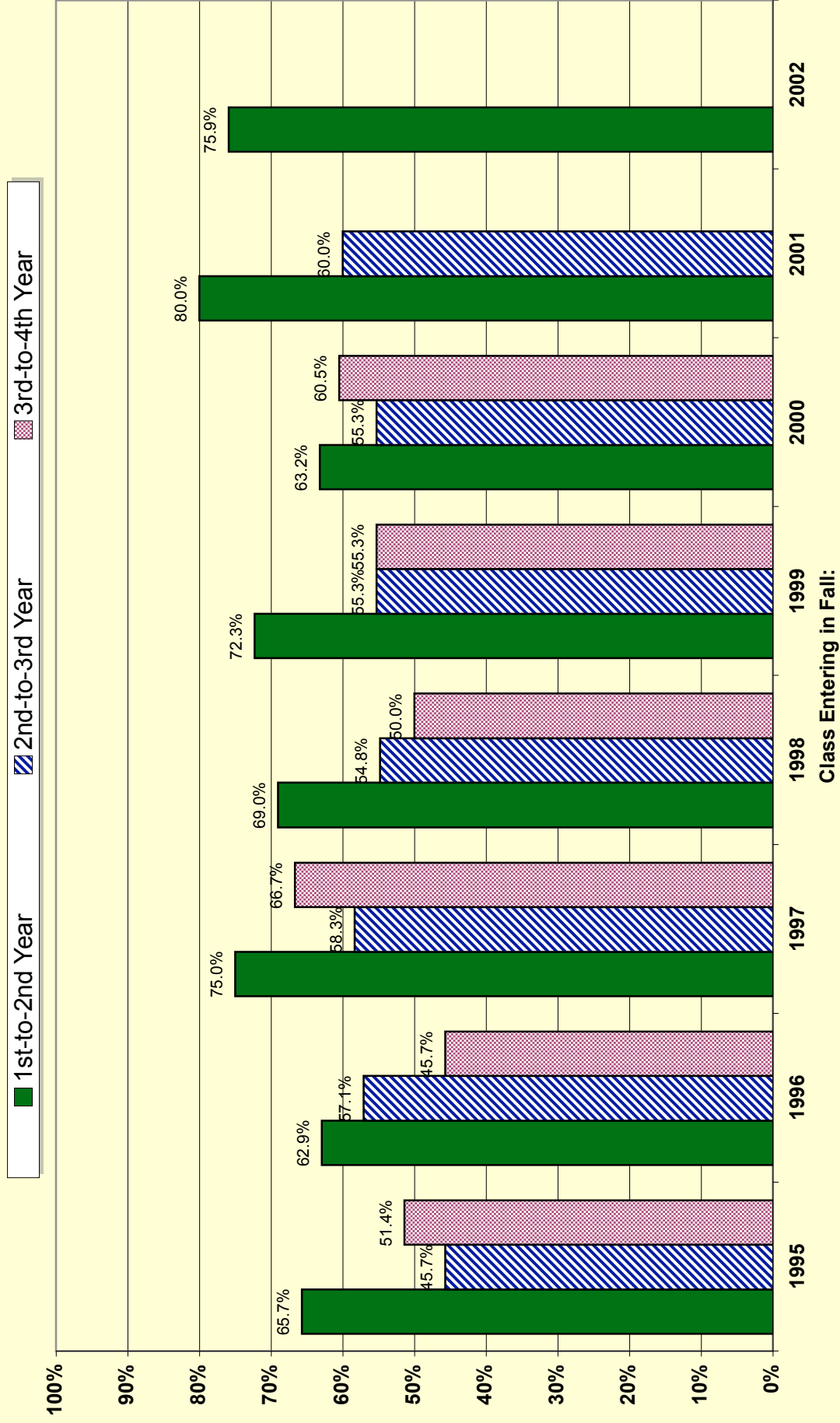
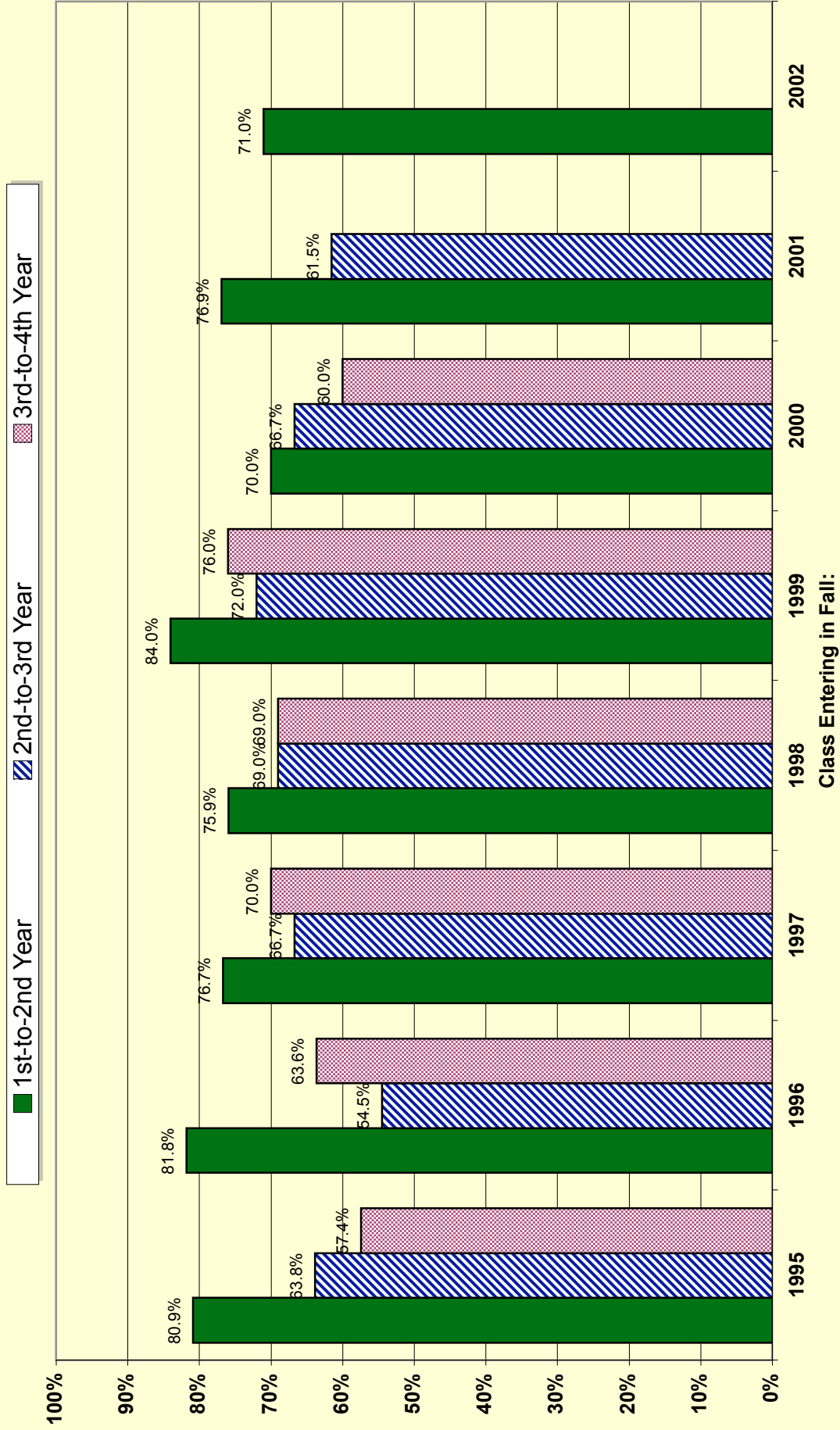
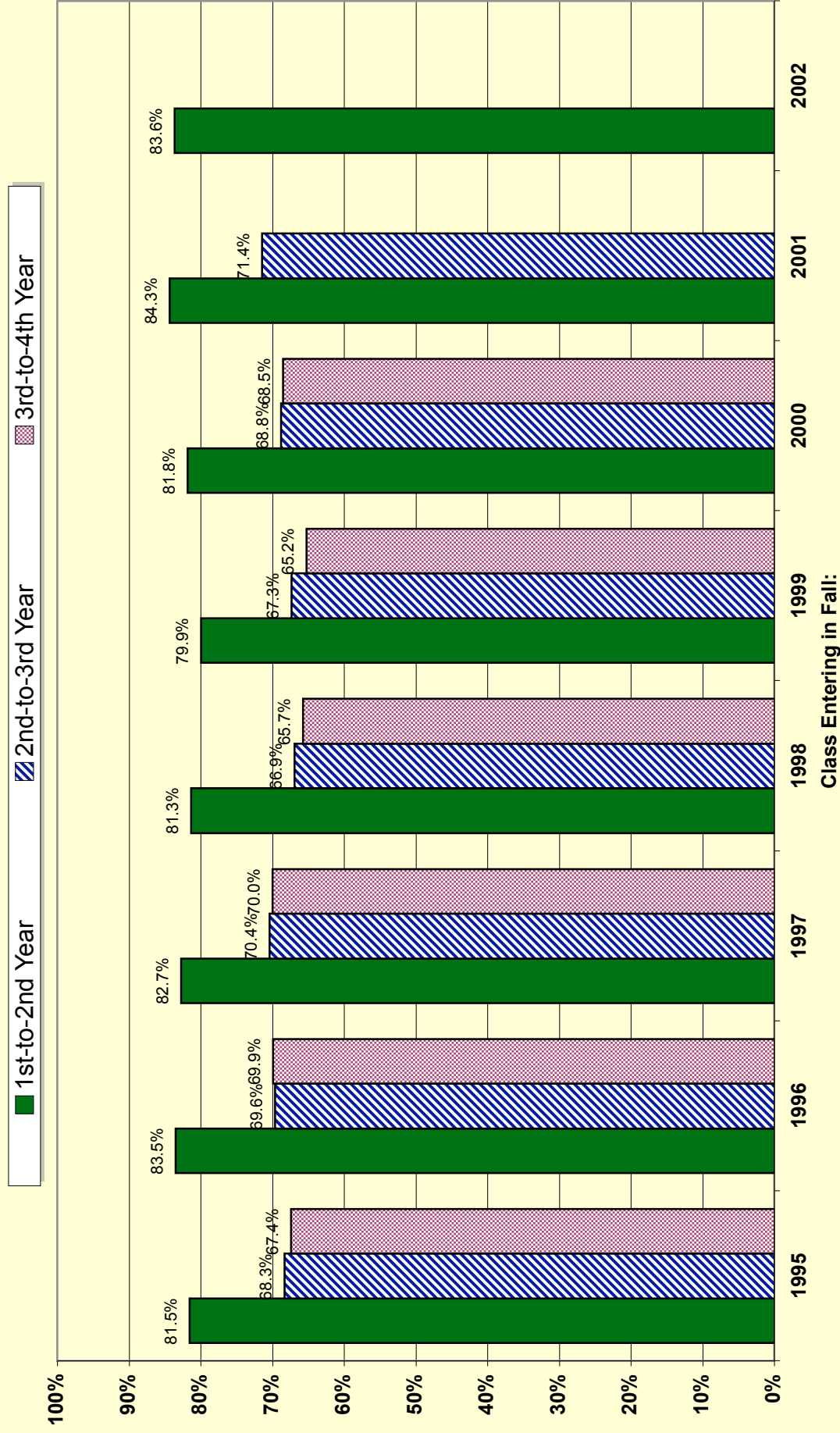


Figure N: One, Two, and Three Year Retention Rates for Students from the Other Addresses, Classes Entering UVM from Fall 1995 to Fall 2002



**Figure O: One, Two, and Three Year Retention Rates for All Students,
Classes Entering UVM from Fall 1995 to Fall 2002**



**TABLE 2: THE UNIVERSITY OF VERMONT
Retention Rates by State or Region, First-Time First Year Classes Entering UVM from Fall 1995 to Fall 2002**

State/Region	Fall	Entering Class	1st-to-2nd Year Retention		2nd-to-3rd Year Retention		3rd-to-4th Year Retention		4th-to-5th Year Retention		
			# Return After 1 Year	% Return After 1 Year	# Return After 2 Years	% Return After 2 Years	# Return After 3 Years	% Return After 3 Years	# Return After 4 Years	% Return After 4 Years	
Vermont	1995	608	499	82.1%	427	70.2%	409	67.3%	118	19.4%	
	1996	591	502	84.9%	437	73.9%	436	73.8%	131	22.2%	
	1997	632	529	83.7%	457	72.3%	442	69.9%	126	19.9%	
	1998	575	482	83.8%	392	68.2%	389	67.7%	110	19.1%	
	1999	586	478	81.6%	410	70.0%	397	67.7%	114	19.5%	
	2000	467	391	83.7%	333	71.3%	322	69.0%	---	---	
	2001	554	471	85.0%	418	75.5%	---	---	---	---	
	2002	530	454	85.7%	---	---	---	---	---	---	
	Vermont Average		568	476	83.8%	411	71.6%	399	69.2%	120	20.0%
	Massachusetts	1995	337	274	81.3%	241	71.5%	234	69.4%	34	10.1%
1996		325	280	86.2%	235	72.3%	243	74.8%	36	11.1%	
1997		320	269	84.1%	234	73.1%	234	73.1%	40	12.5%	
1998		317	266	83.9%	223	70.3%	221	69.7%	37	11.7%	
1999		272	218	80.1%	182	66.9%	175	64.3%	38	14.0%	
2000		291	239	82.1%	198	68.0%	194	66.7%	---	---	
2001		274	243	88.7%	213	77.7%	---	---	---	---	
2002		326	266	81.6%	---	---	---	---	---	---	
Massachusetts Average			308	257	83.5%	218	71.4%	217	69.9%	37	11.8%
New York		1995	194	165	85.1%	135	69.6%	133	68.6%	20	10.3%
	1996	174	144	82.8%	110	63.2%	106	60.9%	22	12.6%	
	1997	192	155	80.7%	128	66.7%	126	65.6%	22	11.5%	
	1998	189	145	76.7%	116	61.4%	115	60.8%	23	12.2%	
	1999	190	149	78.4%	128	67.4%	126	66.3%	26	13.7%	
	2000	216	181	83.8%	156	72.2%	152	70.4%	---	---	
	2001	213	178	83.6%	158	74.2%	---	---	---	---	
	2002	241	209	86.7%	---	---	---	---	---	---	
	New York Average		201	166	82.4%	133	68.1%	126	65.6%	23	12.0%

State/Region	Fall	Entering Class	1st-to-2nd Year Retention		2nd-to-3rd Year Retention		3rd-to-4th Year Retention		4th-to-5th Year Retention	
			# Return After 1 Year	% Return After 1 Year	# Return After 2 Years	% Return After 2 Years	# Return After 3 Years	% Return After 3 Years	# Return After 4 Years	% Return After 4 Years
New Hampshire	1995	49	42	85.7%	29	59.2%	33	67.3%	6	12.2%
	1996	70	58	82.9%	44	62.9%	47	67.1%	14	20.0%
	1997	52	42	80.8%	39	75.0%	39	75.0%	7	13.5%
	1998	67	55	82.1%	43	64.2%	42	62.7%	5	7.5%
	1999	71	59	83.1%	50	70.4%	45	63.4%	9	12.7%
	2000	65	57	87.7%	46	70.8%	48	73.8%	---	---
	2001	79	66	83.5%	56	70.9%	---	---	---	---
	2002	81	68	84.0%	---	---	---	---	---	---
	New Hampshire Average	67	56	83.7%	44	67.8%	42	67.9%	8	13.3%
	Connecticut	1995	146	127	87.0%	112	76.7%	116	79.5%	22
1996		139	125	89.9%	107	77.0%	104	74.8%	18	12.9%
1997		144	111	77.1%	94	65.3%	92	63.9%	17	11.8%
1998		118	94	79.7%	82	69.5%	86	72.9%	16	13.6%
1999		152	125	82.2%	110	72.4%	106	69.7%	21	13.8%
2000		146	120	82.2%	105	71.9%	103	70.5%	---	---
2001		180	150	83.3%	125	69.4%	---	---	---	---
2002		144	126	87.5%	---	---	---	---	---	---
Connecticut Average		146	122	83.7%	105	71.7%	101	71.8%	19	13.4%
Maine		1995	68	51	75.0%	34	50.0%	38	55.9%	10
	1996	63	46	73.0%	36	57.1%	38	60.3%	4	6.3%
	1997	67	50	74.6%	40	59.7%	40	59.7%	8	11.9%
	1998	65	46	70.8%	37	56.9%	35	53.8%	5	7.7%
	1999	69	54	78.3%	42	60.9%	40	58.0%	7	10.1%
	2000	62	46	74.2%	40	64.5%	37	59.7%	---	---
	2001	69	52	75.4%	39	56.5%	---	---	---	---
	2002	83	66	79.5%	---	---	---	---	---	---
	Maine Average	68	51	75.3%	38	57.9%	38	57.9%	7	10.2%
	Rhode Island	1995	34	29	85.3%	24	70.6%	21	61.8%	8
1996		20	16	80.0%	15	75.0%	13	65.0%	1	5.0%
1997		37	32	86.5%	23	62.2%	26	70.3%	5	13.5%
1998		43	33	76.7%	25	58.1%	23	53.5%	8	18.6%
1999		39	30	76.9%	29	74.4%	24	61.5%	10	25.6%
2000		43	36	83.7%	30	69.8%	28	65.1%	---	---
2001		31	28	90.3%	23	74.2%	---	---	---	---
2002		33	29	87.9%	---	---	---	---	---	---
Rhode Island Average		35	29	83.2%	24	68.4%	23	62.5%	6	18.5%

State/Region	Fall	Entering Class	1st-to-2nd Year Retention		2nd-to-3rd Year Retention		3rd-to-4th Year Retention		4th-to-5th Year Retention	
			# Return After 1 Year	% Return After 1 Year	# Return After 2 Years	% Return After 2 Years	# Return After 3 Years	% Return After 3 Years	# Return After 4 Years	% Return After 4 Years
New Jersey	1995	126	107	84.9%	93	73.8%	90	71.4%	16	12.7%
	1996	113	91	80.5%	79	69.9%	80	70.8%	18	15.9%
	1997	126	106	84.1%	93	73.8%	95	75.4%	19	15.1%
	1998	104	84	80.8%	75	72.1%	73	70.2%	17	16.3%
	1999	99	77	77.8%	70	70.7%	69	69.7%	10	10.1%
	2000	117	100	85.5%	86	73.5%	89	76.1%	---	---
	2001	125	103	82.4%	85	68.0%	---	---	---	---
	2002	117	100	85.5%	---	---	---	---	---	---
	New Jersey Average	116	96	82.8%	83	71.7%	83	72.4%	16	14.1%
	Middle States	1995	103	78	75.7%	64	62.1%	67	65.0%	15
1996		109	91	83.5%	74	67.9%	70	64.2%	9	8.3%
1997		99	89	89.9%	76	76.8%	73	73.7%	17	17.2%
1998		97	81	83.5%	66	68.0%	68	70.1%	14	14.4%
1999		137	107	78.1%	85	62.0%	89	65.0%	13	9.5%
2000		133	108	81.2%	85	63.9%	95	71.4%	---	---
2001		115	96	83.5%	71	61.7%	---	---	---	---
2002		113	86	76.1%	---	---	---	---	---	---
Middle States Average		113	92	81.2%	74	65.7%	77	68.1%	14	12.5%
Midwest		1995	85	63	74.1%	53	62.4%	51	60.0%	12
	1996	80	66	82.5%	50	62.5%	55	68.8%	14	17.5%
	1997	63	51	81.0%	41	65.1%	44	69.8%	9	14.3%
	1998	78	66	84.6%	54	69.2%	50	64.1%	8	10.3%
	1999	76	57	75.0%	46	60.5%	43	56.6%	7	9.2%
	2000	91	75	82.4%	63	69.2%	67	73.6%	---	---
	2001	97	82	84.5%	63	64.9%	---	---	---	---
	2002	65	56	86.2%	---	---	---	---	---	---
	Midwest Average	79	65	81.3%	53	64.9%	52	65.5%	10	13.1%
	South	1995	49	37	75.5%	30	61.2%	33	67.3%	2
1996		52	39	75.0%	32	61.5%	33	63.5%	2	3.8%
1997		41	35	85.4%	27	65.9%	31	75.6%	5	12.2%
1998		37	31	83.8%	23	62.2%	16	43.2%	3	8.1%
1999		51	40	78.4%	26	51.0%	25	49.0%	8	15.7%
2000		63	44	69.8%	31	49.2%	33	52.4%	---	---
2001		33	26	78.8%	20	60.6%	---	---	---	---
2002		42	29	69.0%	---	---	---	---	---	---
South Average		46	35	76.4%	27	58.0%	29	58.4%	4	8.7%

State/Region	Fall	Entering Class	1st-to-2nd Year Retention		2nd-to-3rd Year Retention		3rd-to-4th Year Retention		4th-to-5th Year Retention	
			# Return After 1 Year	% Return After 1 Year	# Return After 2 Years	% Return After 2 Years	# Return After 3 Years	% Return After 3 Years	# Return After 4 Years	% Return After 4 Years
Southwest	1995	8	6	75.0%	3	37.5%	3	37.5%	1	12.5%
	1996	6	4	66.7%	1	16.7%	2	33.3%	---	---
	1997	6	5	83.3%	4	66.7%	4	66.7%	1	16.7%
	1998	6	3	50.0%	3	50.0%	2	33.3%	2	33.3%
	1999	4	3	75.0%	2	50.0%	2	50.0%	1	25.0%
	2000	14	10	71.4%	8	57.1%	8	57.1%	---	---
	2001	3	3	100.0%	3	100.0%	---	---	---	---
	2002	6	6	100.0%	---	---	---	---	---	---
	Southwest Average	7	5	75.5%	3	51.1%	4	47.7%	1	16.7%
	West	1995	35	23	65.7%	16	45.7%	18	51.4%	3
1996		35	22	62.9%	20	57.1%	16	45.7%	1	2.9%
1997		24	18	75.0%	14	58.3%	16	66.7%	1	4.2%
1998		42	29	69.0%	23	54.8%	21	50.0%	3	7.1%
1999		47	34	72.3%	26	55.3%	26	55.3%	6	12.8%
2000		38	24	63.2%	21	55.3%	23	60.5%	---	---
2001		50	40	80.0%	30	60.0%	---	---	---	---
2002		29	22	75.9%	---	---	---	---	---	---
West Average		38	27	70.7%	21	55.4%	20	54.3%	3	7.7%
Other <i>(Includes foreign addresses and non-residents with Vermont addresses)</i>		1995	47	38	80.9%	30	63.8%	27	57.4%	8
	1996	22	18	81.8%	12	54.5%	14	63.6%	2	9.1%
	1997	30	23	76.7%	20	66.7%	21	70.0%	3	10.0%
	1998	29	22	75.9%	20	69.0%	20	69.0%	4	13.8%
	1999	25	21	84.0%	18	72.0%	19	76.0%	3	12.0%
	2000	30	21	70.0%	20	66.7%	18	60.0%	---	---
	2001	26	20	76.9%	16	61.5%	---	---	---	---
	2002	31	22	71.0%	---	---	---	---	---	---
	Other Average	30	23	77.1%	19	65.1%	20	65.0%	4	13.1%
	UVM Total	1995	1,889	1,539	81.5%	1,291	68.3%	1,273	67.4%	275
1996		1,799	1,502	83.5%	1,252	69.6%	1,257	69.9%	272	15.1%
1997		1,833	1,515	82.7%	1,290	70.4%	1,283	70.0%	280	15.3%
1998		1,767	1,437	81.3%	1,182	66.9%	1,161	65.7%	255	14.4%
1999		1,818	1,452	79.9%	1,224	67.3%	1,186	65.2%	273	15.0%
2000		1,776	1,452	81.8%	1,222	68.8%	1,217	68.5%	---	---
2001		1,849	1,558	84.3%	1,320	71.4%	---	---	---	---
2002		1,841	1,539	83.6%	---	---	---	---	---	---
UVM Total Average		1,822	1,499	82.3%	1,254	69.0%	1,230	67.8%	271	14.9%