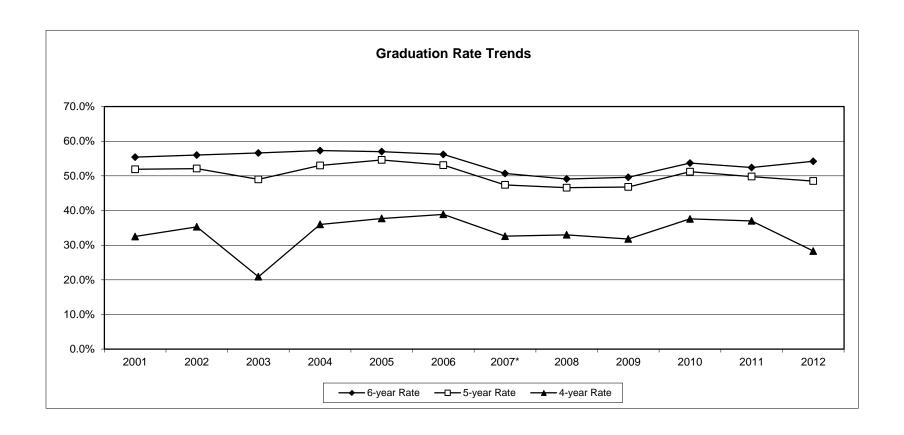
Murray State University Graduation Rate Trends

	2001	2002	2003	2004	2005	2006	2007*	2008	2009	2010	2011	2012
6-year Rate	55.4%	56.0%	56.6%	57.3%	57.0%	56.2%	50.7%	49.1%	49.6%	53.7%	52.4%	54.2%
5-year Rate	51.9%	52.1%	49.0%	53.0%	54.6%	53.1%	47.4%	46.6%	46.8%	51.2%	49.8%	48.5%
4-year Rate	32.5%	35.3%	20.9%	36.0%	37.7%	38.9%	32.6%	33.0%	31.8%	37.6%	37.0%	28.3%

^{*} Note: Because of policy change by CPE, starting 2001 the makeup of the cohort changed to now include students who previously were considered to be associate degree students. Rates prior to 2007 are no longer comparable.



Murray State University Graduation rates: First-time, full-time Bachelor's Degree Seeking students

			Men, Women			Men, Women			Men, Women			Men, Women
Cohort yr/6-yr gradn yr/Fall of			combin			combin			combin			combin
IPEDS collection cycle	NF	RA	ed	Bla	ack	ed	America	an Indian	ed	As	ian	ed
-	Men	Women		Men	Women		Men	Women		Men	Women	
1995/2001/2001												
Cohort	7	2	9	6	22	28	0	0	0	1	0	1
completed in 4/less years	1	1	2	0	3	3	0	0	0	0	0	0
4-yr rate	14.3%	50.0%	22.2%	0.0%		10.7%				0.0%		0.0%
completed in 5/less years	3	1	4	1	13	14	0	0	0	0		0
5-yr rate	42.9%	50.0%	44.4%	16.7%	59.1%	50.0%				0.0%	-	0.0%
completed in 6/less years	3	1	4	2	16	18		0	0	0		
6-yr rate	42.9%	50.0%	44.4%	33.3%	72.7%	64.3%	Ŭ			0.0%		0.0%
,												
1996/2002/2002												
Cohort	8	2	10	12	30	42	0	0	0	5	3	8
completed in 4/less years	3	1	4	2	9	11	0	0	0	2	1	3
4-yr rate	37.5%	50.0%	40.0%	16.7%	30.0%	26.2%				40.0%	33.3%	37.5%
completed in 5/less years	4	1	5	5	13	18	0	0	0	2	1	3
5-yr rate	50.0%	50.0%	50.0%	41.7%	43.3%	42.9%				40.0%	33.3%	37.5%
completed in 6/less years	4	1	5	5	15	20	0	0	0	2	1	3
6-yr rate	50.0%	50.0%	50.0%	41.7%	50.0%	47.6%				40.0%	33.3%	37.5%
9, 10,12	1											
1997/2003/2003												
Cohort	7	7	14	11	29	40	0	2	2	2	2	4
completed in 4/less years	1	2	3	0	3	3	0	0	0	0		0
4-yr rate	14.3%	28.6%	21.4%	0.0%	10.3%	7.5%		0.0%	0.0%	0.0%	_	0.0%
completed in 5/less years	2	3	5	4	13	17	0		0.070	0.070		0.070
5-yr rate	28.6%	42.9%	35.7%	36.4%	44.8%	42.5%	_	0.0%	0.0%	0.0%	_	0.0%
completed in 6/less years	20.070	3	5	4	14	18		0.070	0.070	1	0.070	0.070
6-yr rate	28.6%	42.9%	35.7%	36.4%	48.3%	45.0%		0.0%	0.0%	50.0%	50.0%	50.0%
o ya.o												
1998/2004/2004												
Cohort	12	9	21	12	22	34	2	2	4	0	2	2
completed in 4/less years	3	3	6	2	5	7	0	1	1	0	2	2
4-yr rate	25.0%	33.3%	28.6%	16.7%	22.7%	20.6%	0.0%	50.0%	25.0%		100.0%	100.0%
completed in 5/less years	4	5	9	5	10	15	1	1	2	0	2	2
5-yr rate	33.3%	55.6%	42.9%	41.7%	45.5%	44.1%	50.0%	50.0%	50.0%		100.0%	100.0%
completed in 6/less years	5	6	11	7	11	18	1	1	2	0	2	2
6-yr rate	41.7%	66.7%	52.4%	58.3%	50.0%	52.9%	50.0%	50.0%	50.0%		100.0%	100.0%
4000/0005/0005												
1999/2005/2005	40		0.4	40	40			_				
Cohort	10	11	21	12				0	2	4	3	/
completed in 4/less years	3	6	9	2	5	-		0	1 50 000	1	2	3
4-yr rate	30.0%								50.0%	25.0%		42.9%
completed in 5/less years	4	6	-		10			0		1	2	3
5-yr rate	40.0%	54.5%	47.6%	41.7%	62.5%	53.6%	50.0%		50.0%	25.0%	66.7%	42.9%
completed in 6/less years	4	6	_		10	_		0	•	2	2	4
6-yr rate	40.0%	54.5%	47.6%	41.7%	62.5%	53.6%	50.0%		50.0%	50.0%	66.7%	57.1%
2000/2006/2006												
2000/2006/2006	40			^			_] .	2		_
Cohort	12	14			27	36	_	2	4	3	_	5
completed in 4/less years	6	7	13		5			50.00	3	0		-
4-yr rate	50.0%	50.0%					100.0%	50.0%	75.0%			0.0%
completed in 5/less years	9	10			8		2	1 50 50	3	0		0
5-yr rate	75.0%							50.0%	75.0%			0.0%
completed in 6/less years	9	10			10			1	3	0		0
6-yr rate	75.0%	71.4%	73.1%	33.3%	37.0%	36.1%	100.0%	50.0%	75.0%	0.0%	0.0%	0.0%

Murray State University

Gra	aduation	rates:	First-tim	ne, full-ti	me Bad	chelor's	Degree	Seekin	g stude	nts		
			Men,			Men,			Men,			Men,
			Women			Women			Women			Women
Cohort yr/6-yr gradn yr/Fall of			combin			combin			combin			combin
IPEDS collection cycle	NF	RA	ed	Bla	ick	ed	America	n Indian	ed	Asi	ian	ed
·												
2001/2007/2007												
Cohort	11	12	23	32	31	63	1	2	3	5	7	12
	2			2	7		0		0	3		12
completed in 4/less years		8	10		70.00	9	_	0	0	40.00/	20.00/	22.20/
4-yr rate	18.2%	66.7%	43.5%	6.3%	22.6%	14.3%	0.0%	0.0%	0.0%	40.0%	28.6%	33.3%
completed in 5/less years	2	8	10	5	13	18	0	0	0	3	4	7
5-yr rate	18.2%	66.7%	43.5%	15.6%	41.9%	28.6%	0.0%	0.0%	0.0%	60.0%	57.1%	58.3%
completed in 6/less years	2	8	10	7	14	21	0	0	0	4	5	9
6-yr rate	18.2%	66.7%	43.5%	21.9%	45.2%	33.3%	0.0%	0.0%	0.0%	80.0%	71.4%	75.0%
-												
2002/2008/2008												
Cohort	16	10	26	30	41	71	1	2	3	2	7	Q
	8		15	4			0	0	0	1	2	4
completed in 4/less years	-	70.00/		-	10	14	-	_	Ŭ	FO 00/	40.00/	44 40/
4-yr rate	50.0%	70.0%	57.7%	13.3%	24.4%	19.7%	0.0%	0.0%	0.0%	50.0%	42.9%	44.4%
completed in 5/less years	8	10	-	5	16	21	1	0	1	1	4	5
5-yr rate	50.0%	100.0%	69.2%	16.7%	39.0%	29.6%	100.0%	0.0%	33.3%	50.0%	57.1%	55.6%
completed in 6/less years	9	10	19	6	17	23	1	0	1	2	4	6
6-yr rate	56.3%	100.0%	73.1%	20.0%	41.5%	32.4%	100.0%	0.0%	33.3%	100.0%	57.1%	66.7%
•												
2003/2009/2009												
Cohort	8	1	12	55	65	120	4	1	o	2	11	13
	4	4	12	6			0	4	8	0		13
completed in 4/less years	50.00/	2	6		11	17	0	7	10.50/	0 00/	5	5
4-yr rate	50.0%	50.0%	50.0%	10.9%	16.9%	14.2%	0.0%	25.0%	12.5%	0.0%	45.5%	38.5%
completed in 5/less years	6	3	9	20	19	39	0	2	2	0	6	6
5-yr rate	75.0%	75.0%	75.0%	36.4%	29.2%	32.5%	0.0%	50.0%	25.0%	0.0%	54.5%	46.2%
completed in 6/less years	6	3	9	22	22	44	0	2	2	0	7	7
6-yr rate	75.0%	75.0%	75.0%	40.0%	33.8%	36.7%	0.0%	50.0%	25.0%	0.0%	63.6%	53.8%
•												
2004/2010/2010												
Cohort	7	3	10	41	36	77	4	4	8	3	10	13
completed in 4/less years	4	1	5	9	9	18	2	1	3	0	6	6
	57.1%	33.3%		22.0%	25.0%	23.4%	50.0%	25.0%	-	0.0%	60.0%	46.2%
4-yr rate		_						23.070	37.370	0.0 /6		40.2 /0
completed in 5/less years	4	1	5	15	17	32	3	7	50.004	00.004	6	50.00/
5-yr rate	57.1%	33.3%	50.0%	36.6%	47.2%	41.6%	75.0%	25.0%	50.0%	33.3%	60.0%	53.8%
completed in 6/less years	4	2	6	16	18	34	3	1	4	1	6	7
6-yr rate	57.1%	66.7%	60.0%	39.0%	50.0%	44.2%	75.0%	25.0%	50.0%	33.3%	60.0%	53.8%
					-							
2005/2011/2011												
Cohort	7	5	12	30	50	80	3	3	6	7	7	14
completed in 4/less years	4	2	6	2	12			0		3	2	5
4-yr rate	57.1%	40.0%	-	6.7%	24.0%			0.0%	_	42.9%	28.6%	-
1	4	40.070		10	19			0.070		4 2.570	20.070	00.770
completed in 5/less years		40.0%	6 50.0%	_				_	-	71.4%		57.1%
5-yr rate	57.1%			33.3%	38.0%	36.3%	0.0%	0.0%		11.4%	42.9%	37.1%
completed in 6/less years	4	2	6	10	21	31	0	0	_	5	3	8
6-yr rate	57.1%	40.0%	50.0%	33.3%	42.0%	38.8%	0.0%	0.0%	0.0%	71.4%	42.9%	57.1%
2006/2012/2012												
Cohort	4	5	9	35	52	87	3	4	7	3	7	10
completed in 4/less years	2	2	4	4	10	14	1	2	3	0	2	2
4-yr rate	50.0%	40.0%		11.4%	19.2%		33.3%	50.0%	42.9%	0.0%	28.6%	20.0%
completed in 5/less years	3	3	6	10	23		2	23.070	0,0	0.070	3	20.070
'	75.0%	60.0%	-	28.6%	23 44.2%		66.7%	50.0%	57.1%	0.0%	42.9%	30.0%
5-yr rate								50.0%	51.170	0.0%		30.0%
completed in 6/less years	3	3		13	26			2	4	0 55:	3	3
6-yr rate	75.0%	60.0%	66.7%	37.1%	50.0%	44.8%	66.7%	50.0%	57.1%	0.0%	42.9%	30.0%

Murray State University Graduation rates: First-time, full-time Bachelor's Degree Seeking students

			Men, Women			Men, Women			Men, Women			Men, Women
Cohort yr/6-yr gradn yr/Fall of	LUan	:-	combin	Have	!!	combin	T		combin	10/	L:4_	combine
IPEDS collection cycle	Men	anic Women	ed	Men	vaiian Women	ed	Men	r more Women	ed	Men	hite Women	d
1995/2001/2001	IVICII	vvoilleli		IVICII	vvoilleii		IVICII	vvoilleii		IVICII	vvoilleii	
Cohort	0	2	2							305	462	767
completed in 4/less years	0	0	0							81	176	
4-yr rate		0.0%	0.0%							26.6%	38.1%	
completed in 5/less years	0	1	1							152	248	
5-yr rate		50.0%	50.0%							49.8%	53.7%	52.2%
completed in 6/less years	0	1	1							166	258	424
6-yr rate		50.0%	50.0%							54.4%	55.8%	55.3%
1996/2002/2002												
Cohort	2	0	2							374	524	898
completed in 4/less years	0	0	0							98		
4-yr rate	0.0%	_	0.0%							26.2%		
completed in 5/less years	FO 00/	0	50 00/							174		
5-yr rate	50.0%	0	50.0%							46.5% 196	57.1% 313	
completed in 6/less years 6-yr rate	50.0%	U	50.0%							52.4%	59.7%	
0-yi late	30.078		30.078							32.470	33.7 70	30.7 70
1997/2003/2003												
Cohort	1	4	5							309	508	817
completed in 4/less years	0	0	0							50		
4-yr rate	0.0%	0.0%	0.0%							16.2%	25.2%	
completed in 5/less years	0	1	1							135	274	409
5-yr rate	0.0%	25.0%	20.0%							43.7%	53.9%	50.1%
completed in 6/less years	0	3	3							165	306	471
6-yr rate	0.0%	75.0%	60.0%							53.4%	60.2%	57.6%
1998/2004/2004			_							054		
Cohort	3 0	2	5							351	512	
completed in 4/less years 4-yr rate	0.0%	50.0%	20.0%							116 33.0%	204 39.8%	
completed in 5/less years	0.078	30.078	20.076							188		
5-yr rate	0.0%	50.0%	20.0%							53.6%	53.9%	
completed in 6/less years	0.070	1	1							207	293	
6-yr rate	0.0%	50.0%	20.0%							59.0%	57.2%	
, , , , , , , , , , , , , , , , , , , ,												
1999/2005/2005												
Cohort	1	6	7							342		845
completed in 4/less years	0	0	0							107	_	
4-yr rate	0.0%	0.0%	0.0%							31.3%		
completed in 5/less years	0	1	1							175		
5-yr rate	0.0%	16.7%	14.3%							51.2%		
completed in 6/less years	0	1 10 70/	1							186		
6-yr rate	0.0%	16.7%	14.3%							54.4%	60.2%	57.9%
2000/2006/2006												
2000/2006/2006 Cohort	2	1	6							292	523	815
completed in 4/less years	0	0	0							97		
4-yr rate	0.0%	0.0%								33.2%		
completed in 5/less years	0.070	0.070	0							138		
5-yr rate	0.0%	0.0%	0.0%							47.3%		
completed in 6/less years	0	0	0							151		
6-yr rate	0.0%	0.0%	0.0%							51.7%		

Murray State University

Gra	aduation	rates:	First-tim	ne, full-ti	me Ba	chelor's	Degree	Seekir	ig stude	nts		
			Men,			Men,			Men,			Men,
			Women			Women			Women			Women
Cohort yr/6-yr gradn yr/Fall of			combin			combin			combin			combine
IPEDS collection cycle	Llicn	anic	ed	Hawa	aiian	ed	Two	r more	ed	١٨/١	hite	d
ii 220 concention dyole	Tilop	anic	ou	Haw	allall	Cu	1 WO O	I IIIOIE	cu	VVI	I	u
0004/0007/0007												
2001/2007/2007												
Cohort	4	4	8							464	723	
completed in 4/less years	0	1	1							129	270	399
4-yr rate	0.0%	25.0%	12.5%							27.8%	37.3%	33.6%
completed in 5/less years	1	0	1							198	381	579
· ·	25.0%	0.0%	12.5%							42.7%		
5-yr rate	23.070	0.076	12.570									
completed in 6/less years	2	1	3							216		
6-yr rate	50.0%	25.0%	37.5%							46.6%	55.2%	51.8%
2002/2008/2008												
Cohort	4	3	7							458	754	1212
completed in 4/less years	0	1	1				ĺ			117		
	0.0%	33.3%	14.3%							25.5%		
4-yr rate		33.3%	14.5%									
completed in 5/less years	0	1	1							194		
5-yr rate	0.0%	33.3%	14.3%							42.4%	50.3%	
completed in 6/less years	1	1	2							208	393	601
6-yr rate	25.0%	33.3%	28.6%							45.4%	52.1%	49.6%
·												
2003/2009/2009												
Cohort	5	9	1.1							545	773	1318
		9	14								-	
completed in 4/less years	3	4	7							147	288	
4-yr rate	60.0%	44.4%	50.0%							27.0%	37.3%	
completed in 5/less years	3	4	7							242	390	632
5-yr rate	60.0%	44.4%	50.0%							44.4%	50.5%	48.0%
completed in 6/less years	3	4	7							263	405	668
6-yr rate	60.0%	44.4%	50.0%							48.3%	52.4%	
o yr rato	00.070	, 0	00.070							10.070	02.170	001170
2004/2040/2040												
2004/2010/2010	4	_								E 4.4	707	4004
Cohort	4	5	9							544		
completed in 4/less years	1	5	6							160		
4-yr rate	25.0%	100.0%	66.7%							29.4%	44.6%	38.2%
completed in 5/less years	1	5	6							260	404	664
5-yr rate	25.0%	100.0%	66.7%							47.8%	54.8%	51.8%
completed in 6/less years	1	5	6							276		
	25.00/	100.0%	-							50.7%	_	
6-yr rate	20.0%	100.0%	00.1%					}		50.7%	57.0%	54.5%
0005/0044/004												
2005/2011/2011												
Cohort	3	5	8	0	0	_					765	
completed in 4/less years	1	2	_	0	0	0	0	0	0	169	334	503
4-yr rate	33.3%	40.0%	37.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	31.2%	43.7%	38.5%
completed in 5/less years	1	2	3	0	0		0	0			418	668
5-yr rate	33.3%	40.0%		0.0%	0.0%	_	0.0%	0.0%	_			
	1	.0.070	31.070	0.070	0.070	0.070	0.070	0.070				
completed in 6/less years	22.00/	60.007	F0 00/	-	0.004	_	_	_	_	49.5%		
6-yr rate	33.3%	60.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	49.5%	56.7%	53.8%
2006/2012/2012												
Cohort	10	11	21	0	0	0	0	0	0	499	722	1221
completed in 4/less years	2	2	4	0	0	0	0	0	0	113	244	357
4-yr rate	20.0%	18.2%		0.0%	0.0%	-	_	-	-			
1	20.076			0.070	0.070							
completed in 5/less years		26.49/	10	_	0.0%		_	-	-			
5-yr rate	60.0%	36.4%		0.0%	0.0%							
completed in 6/less years	6	4	_			0	_	_	_			
6-yr rate	60.0%	36.4%	47.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.3%	58.7%	55.3%

			n w			Men,
			Men,			Women
Cohort yr/6-yr gradn yr/Fall of			Women			combin
IPEDS collection cycle		nown	combin		All .	ed
	Men	Women		Men	Women	
1995/2001/2001						
Cohort	0	0	0	319	488	00.
completed in 4/less years	0	0	0	82 25 70/		
4-yr rate	0	0	0	25.7% 156		
completed in 5/less years 5-yr rate	U	0	0	48.9%		
completed in 6/less years	0	0	0	171	276	
6-yr rate	U		J	53.6%		
o yr rate				00.070	00.070	00.170
1996/2002/2002						
Cohort	0	0	0	401	559	960
completed in 4/less years	0	0	0	105	234	339
4-yr rate				26.2%	41.9%	35.3%
completed in 5/less years	0	0	0	186	314	500
5-yr rate				46.4%	56.2%	52.1%
completed in 6/less years	0	0	0	208		
6-yr rate				51.9%	59.0%	56.0%
1997/2003/2003						
Cohort	0	0	0	330	552	
completed in 4/less years	0	0	0	51	133	
4-yr rate	0			15.5%		
completed in 5/less years	0	0	0			-
5-yr rate	0	0		42.7% 172		
completed in 6/less years	0	0	0	52.1%		
6-yr rate				32.170	39.270	30.078
1998/2004/2004						
Cohort	5	10	15	385	559	944
completed in 4/less years	0	3	3	121	219	340
4-yr rate	0.0%	30.0%	20.0%	31.4%	39.2%	36.0%
completed in 5/less years	1	6	7	199	301	500
5-yr rate	20.0%	60.0%	46.7%	51.7%	53.8%	53.0%
completed in 6/less years	1	6	7	221	320	541
6-yr rate	20.0%	60.0%	46.7%	57.4%	57.2%	57.3%
1999/2005/2005	_	_	_	<u> </u>		.
Cohort	0	5		371	544	
completed in 4/less years	0	2 40.0%	_	114 20.7%		
4-yr rate	0			30.7% 186		
completed in 5/less years 5-yr rate		2 40.0%				
completed in 6/less years	0	40.0%	40.0%	198		
6-yr rate		40.0%				
o yr rate		10.070	10.070	00.170	00.070	01.070
2000/2006/2006						
Cohort	1	5	6	321	577	898
completed in 4/less years	0	1	1	108		
4-yr rate	0.0%	20.0%	16.7%			
completed in 5/less years	0	2	2	152	325	
5-yr rate	0.0%	40.0%	33.3%	47.4%	56.3%	53.1%
completed in 6/less years	0	2		165	340	505
6-yr rate	0.0%	40.0%	33.3%	51.4%	58.9%	56.2%

Murray State University

Graduation rates: First-time, full-time Bachelor's Degree Seeking students

Gra	aduation	rates: I		e, full-ti	me Bac	
			n w			Men,
			Men,			Women
Cohort yr/6-yr gradn yr/Fall of			Women			combin
IPEDS collection cycle	Unkr	nown	combin	A	All .	ed
2001/2007/2007						
Cohort	1	2	3	518	781	1299
	0			135	288	
completed in 4/less years	-	0	0			
4-yr rate	0.0%	0.0%	0.0%		36.9%	
completed in 5/less years	0	1	1	209	407	
5-yr rate	0.0%	50.0%	33.3%	40.3%	52.1%	47.4%
completed in 6/less years	0	1	1	231	428	659
6-yr rate	0.0%	50.0%	33.3%	44.6%	54.8%	50.7%
j						
2002/2008/2008						
Cohort	0	3	3	511	820	1331
	0		_	_	309	
completed in 4/less years	U	0	0	130		
4-yr rate		0.0%	0.0%		37.7%	
completed in 5/less years	0	1	1	209	411	620
5-yr rate		33.3%	33.3%	40.9%	50.1%	46.6%
completed in 6/less years	0	2	2	227	427	654
6-yr rate		66.7%	66.7%	44.4%	52.1%	
5 7. 15.15						
2003/2009/2009						
	2	•	4.0	000	075	4 407
Cohort	3	9	12	622	875	
completed in 4/less years	0	6	6	160	317	
4-yr rate	0.0%	66.7%	50.0%	25.7%	36.2%	31.8%
completed in 5/less years	0	6	6	271	430	701
5-yr rate	0.0%	66.7%	50.0%	43.6%	49.1%	46.8%
completed in 6/less years	0	6	6	294	449	
6-yr rate	0.0%	66.7%		47.3%	51.3%	
0-yr rate	0.070	00.1 70	00.070	47.070	01.070	40.070
2004/2040/2040						
2004/2010/2010	0	_		000	00.4	
Cohort	6	9	15	609	804	
completed in 4/less years	0	4	4	176	355	
4-yr rate	0.0%	5.0%	26.7%	28.9%	44.2%	37.6%
completed in 5/less years	1	5	6	285	439	724
5-yr rate	16.7%	55.6%	40.0%	46.8%	54.6%	51.2%
completed in 6/less years	1	5	6	302	457	759
6-yr rate	16.7%	55.6%	_	49.6%	56.8%	
5 yr rate	13.770	33.070	.5.570	13.070	00.070	33.770
2005/2011/2011						
	_	_		500	000	440-
Cohort	8	3		599	838	-
completed in 4/less years	1	0		180	352	
4-yr rate	12.5%	0.0%	9.1%	30.1%	42.0%	37.0%
completed in 5/less years	2	0	2	272	444	
5-yr rate	25.0%	0.0%	18.2%	45.4%	53.0%	49.8%
completed in 6/less years	2	0		290	463	
6-yr rate	25.0%	0.0%			55.3%	
0-yi fate	20.070	0.070	10.270	10.170	00.070	02.470
2006/2012/2012						
2006/2012/2012		_				
Cohort	6	9	15		810	
completed in 4/less years	0	4	4	122	266	
4-yr rate	0.0%	44.4%	26.7%	21.8%	32.8%	28.3%
completed in 5/less years	1	5	6	236	428	664
5-yr rate	16.7%	55.6%				
	, 0		1 , 0	,0		1,0
completed in 6/less years	1	F	6	276	467	7/12
completed in 6/less years 6-yr rate	1 16.7%	5 55.6%			467 57.7%	