



Retention/Attrition Analysis

Fall 2004 Freshman Fall 2005 2nd Year

ACT

Overview of High School GPA, College GPA, and ACT Composite

High School GPA	College GPA																	
	3.5-4.0			3.0-3.4			2.5-2.9			2.0-2.4			Less Than 2.0			Total		
	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg
Enrolled Freshman Fall 2004-2005																		
3.5-4.00	268	13	24.9	236	12	23.1	116	6	21.9	60	3	20.7	67	3	19.9	747	37	23.1
3.00-3.49	65	3	22.9	114	6	20.8	114	6	19.4	81	4	18.9	125	6	17.6	499	25	19.6
2.50-2.99	26	1	21.4	58	3	18.9	69	3	19.0	74	4	17.3	129	6	17.0	356	17	18.1
2.00-2.49	7	0	17.3	12	1	19.5	38	2	16.6	27	1	15.6	72	4	17.2	156	8	16.9
Less Than 2.00	37	2	22.6	43	2	21.3	58	3	19.1	56	3	17.3	84	4	17.3	278	14	19.0
Total	403	20	24.0	463	23	21.7	395	19	19.8	298	15	18.3	477	23	17.6	2036	100	20.3
Enrolled Freshman Fall 2005-2006																		
3.5-4.00	256	17	24.9	216	14	23.0	97	6	21.8	40	3	19.8	25	2	19.4	634	42	23.2
3.00-3.49	62	4	23.1	102	7	20.8	96	6	19.6	56	4	19.2	44	3	18.0	360	24	20.3
2.50-2.99	21	1	21.7	48	3	19.0	55	4	18.9	56	4	17.5	50	3	17.3	230	15	18.5
2.00-2.49	6	0	17.7	10	1	19.7	28	2	16.7	25	2	15.8	25	2	17.2	94	6	17.0
Less Than 2.00	32	2	22.9	36	2	21.4	46	3	19.3	37	2	17.9	28	2	16.4	179	12	19.6
Total	377	25	24.1	412	28	21.8	322	22	19.8	214	14	18.2	172	11	17.6	1497	100	21.0
Nonreturning																		
3.5-4.00	12	2	24.7	20	4	23.8	19	4	22.5	20	4	22.3	42	8	20.2	113	21	22.1
3.00-3.49	3	1	20.0	12	2	20.9	18	3	18.1	25	5	18.2	81	15	17.3	139	26	18.0
2.50-2.99	5	1	20.2	10	2	18.5	14	3	19.6	18	3	16.7	79	15	16.8	126	23	17.4
2.00-2.49	1	0	15.0	2	0	18.5	10	2	16.2	2	0	13.0	47	9	17.2	62	12	16.9
Less Than 2.00	5	1	20.6	7	1	20.4	12	2	18.5	19	4	16.1	56	10	17.8	99	18	17.8
Total	26	5	22.1	51	9	21.4	73	14	19.3	84	16	18.3	305	57	17.6	539	100	18.5

**Academic Characteristics
2nd Year Returning Students**

Variable	Enrolled Freshman 2004-2005						Enrolled in 2nd Year Fall 2005-2006						Nonreturning					
	Total		Core		Less than Core		Total		Core		Less than Core		Total		Core		Less than Core	
	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg
Total	2036	20.3	1299	20.8	645	19.6	1497	21.0	993	21.4	436	20.3	539	18.5	306	18.8	209	18.0
Male	863	20.6	535	21.1	271	20.0	613	21.3	411	21.7	163	20.7	250	19.1	124	19.2	108	18.9
Female	1142	20.1	746	20.5	365	19.3	858	20.8	567	21.2	266	20.0	284	18.1	179	18.5	99	17.2
Freshman GPA																		
3.5-4.00	403	24.0	277	24.3	108	23.4	377	24.1	264	24.3	97	23.7	26	22.1	13	23.2	11	21.1
3.00-3.49	463	21.7	320	21.9	128	21.6	412	21.8	287	21.9	112	21.7	51	21.4	33	21.7	16	20.8
2.50-2.99	395	19.8	240	20.0	138	19.4	322	19.8	203	20.1	107	19.4	73	19.3	37	19.3	31	19.1
2.00-2.49	298	18.3	192	18.7	87	17.4	214	18.2	140	18.8	59	17.2	84	18.3	52	18.4	28	18.0
Less Than 2.00	477	17.6	270	18.0	184	17.0	172	17.6	99	18.2	61	16.7	305	17.6	171	17.9	123	17.2
Rank in H.S. Class																		
Top Quarter	798	22.8	580	23.0	209	22.3	654	23.2	490	23.2	156	23.2	144	20.9	90	21.7	53	19.7
2nd Quarter	717	19.1	438	19.4	263	18.7	497	19.7	310	20.1	177	19.2	220	17.8	128	17.9	86	17.8
Bottom Half	345	17.6	211	17.7	127	17.1	214	17.9	137	18.1	72	17.3	131	17.0	74	17.0	55	16.8
H.S. GPA																		
3.5-4.00	747	23.1	547	23.3	200	22.4	634	23.2	472	23.4	162	22.8	113	22.1	75	22.8	38	20.5
3.00-3.49	499	19.6	348	19.9	151	18.9	360	20.3	260	20.6	100	19.6	139	18.0	88	18.1	51	17.7
2.50-2.99	356	18.1	222	18.4	134	17.6	230	18.5	152	18.8	78	17.9	126	17.4	70	17.5	56	17.2
2.00-2.49	156	16.9	96	16.9	60	17.0	94	17.0	58	17.1	36	16.8	62	16.9	38	16.6	24	17.4
Less Than 2.00	278	19.0	86	18.3	100	18.9	179	19.6	51	19.3	60	19.7	99	17.8	35	16.9	40	17.7
Score Ranges																		
33-36	10	33.5	7	33.3	3	34.0	10	33.5	7	33.3	3	34.0	0	0.0	0	0.0	0	0.0
28-32	141	29.6	104	29.4	32	29.0	126	29.3	92	29.4	31	29.0	15	29.3	12	29.3	1	29.0
24-27	375	25.2	264	25.3	97	25.2	308	25.2	224	25.2	73	25.3	67	25.1	40	25.4	24	24.8
20-23	556	21.5	362	21.5	165	21.4	442	21.6	301	21.6	120	21.4	114	21.3	61	21.1	45	21.3
16-19	626	17.5	380	17.5	223	17.4	425	17.5	263	17.6	144	17.5	201	17.4	117	17.5	79	17.4
1-15	328	13.9	182	14.0	125	13.8	186	14.6	106	14.1	65	14.0	142	13.7	76	13.8	60	13.6

**Academic Characteristics
2nd Year Returning Students**

Variable	Enrolled Freshman 2004-2005						Enrolled in 2nd Year Fall 2005-2006						Nonreturning					
	Total		Core		Less than Core		Total		Core		Less than Core		Total		Core		Less than Core	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total	2036	100	1299	64	645	32	1497	74	993	66	436	29	539	26	306	57	209	39
Male	863	42	535	62	271	31	613	41	411	67	163	27	250	46	124	50	108	43
Female	1142	56	746	65	365	32	858	57	567	66	266	31	284	53	179	63	99	35
Freshman GPA																		
3.5-4.00	403	20	277	69	108	27	377	25	264	70	97	26	26	5	13	50	11	42
3.00-3.49	463	23	320	69	128	28	412	28	287	70	112	27	51	9	33	65	16	31
2.50-2.99	395	19	240	61	138	35	322	22	203	63	107	33	73	14	37	51	31	42
2.00-2.49	298	15	192	64	87	29	214	14	140	65	59	28	84	16	52	62	28	33
Less Than 2.00	477	23	270	57	184	39	172	11	99	58	61	35	305	57	171	56	123	40
Rank in H.S. Class																		
Top Quarter	798	39	580	73	209	26	654	44	490	75	156	24	144	27	90	63	53	37
2nd Quarter	717	35	438	61	263	37	497	33	310	62	177	36	220	41	128	58	86	39
Bottom Half	345	17	211	61	127	37	214	14	137	64	72	34	131	24	74	56	55	42
H.S. GPA																		
3.5-4.00	747	37	547	73	200	27	634	42	472	74	162	26	113	21	75	66	38	34
3.00-3.49	499	25	348	70	151	30	360	24	260	72	100	28	139	26	88	63	51	37
2.50-2.99	356	17	222	62	134	38	230	15	152	66	78	34	126	23	70	56	56	44
2.00-2.49	156	8	96	62	60	38	94	6	58	62	36	38	62	12	38	61	24	39
Less Than 2.00	278	14	86	31	100	36	179	12	51	28	60	34	99	18	35	35	40	40
Score Ranges																		
33-36	10	0	7	70	3	30	10	1	7	70	3	30	0	0	0	0	0	0
28-32	141	7	104	74	32	23	126	8	92	73	31	25	15	3	12	80	1	7
24-27	375	18	264	70	97	26	308	21	224	73	73	24	67	12	40	60	24	36
20-23	556	27	362	65	165	30	442	30	301	68	120	27	114	21	61	54	45	39
16-19	626	31	380	61	223	36	425	28	263	62	144	34	201	37	117	58	79	39
1-15	328	16	182	55	125	38	186	12	106	57	65	35	142	26	76	54	60	42

**Demographic Data College Choices
2nd Year Returning Students**

Variable	Enrolled Freshman 2004-2005						Enrolled in 2nd Year Fall 2005-2006						Nonreturning					
	Total		Core		Less than Core		Total		Core		Less than Core		Total		Core		Less than Core	
	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg
Total	2036	20.3	1299	20.8	645	19.6	1497	21.0	993	21.4	436	20.3	539	18.5	306	18.8	209	18.0
College Choices																		
Choice 1	581	20.2	373	20.7	194	19.3	453	20.7	303	21.1	139	20.0	128	18.3	70	19.1	55	17.5
Choice 2	294	20.7	200	21.1	86	19.5	226	21.3	157	21.8	65	19.9	68	18.6	43	18.6	21	18.2
Choice 3-6	359	20.4	233	20.9	117	19.5	257	21.2	173	21.7	78	20.3	102	18.4	60	18.6	39	18.0
Supplemental/Other	791	20.3	493	20.6	248	19.8	552	21.0	360	21.3	154	20.7	239	18.7	133	18.8	94	18.4
Residual	11	16.8	0	0.0	0	0.0	9	16.4	0	0.0	0	0.0	2	18.5	0	0.0	0	0.0
In-State	2013	20.3	1285	20.8	639	19.6	1481	21.0	985	21.4	430	20.3	532	18.5	300	18.8	209	18.0
Out-of-State	22	20.2	14	21.0	6	18.7	16	20.6	8	22.5	6	18.7	6	19.0	6	19.0	0	0.0
Family Income																		
Less Than \$35,000	637	18.0	401	18.3	226	17.7	427	18.6	275	18.8	146	18.5	210	16.9	126	17.3	80	16.4
\$36,000-\$50,000	293	20.3	199	20.4	87	20.0	213	20.9	148	21.0	59	21.0	80	18.5	51	18.8	28	17.9
\$51,000-80,000	426	21.8	278	22.2	137	20.9	327	22.4	226	22.7	92	21.6	99	20.0	52	20.2	45	19.5
\$81,000-\$100,000	225	22.6	151	23.2	70	21.2	184	22.9	127	23.4	53	21.7	41	21.0	24	21.8	17	19.8
Over \$100,000	182	22.8	135	23.1	43	21.8	146	23.0	110	23.4	31	21.8	37	21.9	25	22.0	12	21.8
Ethnic Groups																		
African American	652	16.8	423	17.1	209	16.1	413	17.3	278	17.7	119	16.5	239	15.9	145	16.1	90	15.6
American Indian	7	16.9	2	16.5	3	19.0	5	18.0	1	16.0	3	19.0	2	14.0	1	17.0	0	0.0
Caucasian	869	22.9	564	23.4	275	22.0	671	23.3	451	23.7	197	22.4	198	21.6	113	22.1	78	20.7
Mexican American	44	19.1	30	19.3	12	18.3	30	20.0	22	19.9	7	20.0	14	17.1	8	17.6	5	16.0
Asian American	125	21.8	80	22.3	43	20.7	116	21.9	75	22.4	39	20.8	9	20.4	5	20.8	4	20.0
Puerto Rican, Cuban	11	19.3	9	19.1	1	17.0	6	18.2	5	18.4	1	17.0	5	20.6	4	20.0	0	0.0
All Others	328	20.3	191	20.8	102	19.7	2556	20.7	161	21.0	70	20.4	72	18.9	30	19.7	32	18.4
Planned to:																		
Live On-Campus	983	20.2	662	20.7	294	19.2	709	21.0	500	21.4	188	20.2	274	18.2	162	18.7	106	17.5
Seek Financial Aid	1725	20.2	1141	20.6	550	19.5	1253	20.9	860	21.2	368	20.3	472	18.4	281	18.8	182	17.9
Work	1536	20.0	1019	20.5	489	19.2	1119	20.7	765	21.1	333	19.9	417	18.3	254	18.7	156	17.7

**Demographic Data College Choices
2nd Year Returning Students**

Variable	Enrolled Freshman 2004-2005						Enrolled in 2nd Year Fall 2005-2006						Nonreturning					
	Total		Core		Less than Core		Total		Core		Less than Core		Total		Core		Less than Core	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total	2036	100	1299	64	645	32	1497	74	993	66	436	29	539	26	306	57	209	39
College Choices																		
Choice 1	581	29	373	64	194	33	453	30	303	67	139	31	128	24	70	55	55	31
Choice 2	294	14	200	68	86	29	226	15	157	69	65	29	68	13	43	63	21	38
Choice 3-6	359	18	233	65	117	33	257	17	173	67	78	30	102	19	60	59	39	39
Supplemental/Other	791	39	493	62	248	31	552	37	360	65	154	28	239	44	133	56	94	0
Residual	11	1	0	0	0	0	9	1	0	0	0	0	2	0	0	0	0	0
In-State	2013	99	1285	64	639	32	1481	99	985	67	430	29	532	99	300	56	209	39
Out-of-State	22	1	14	64	6	27	16	1	8	50	6	38	6	1	6	100	0	0
Family Income																		
Less Than \$35,000	637	31	401	63	226	35	427	29	275	64	146	34	210	39	126	60	80	38
\$36,000-\$50,000	293	14	199	68	87	30	213	14	148	69	59	28	80	15	51	64	28	35
\$51,000-80,000	426	21	278	65	137	32	327	22	226	69	92	28	99	18	52	53	45	45
\$81,000-\$100,000	225	11	151	67	70	31	184	12	127	69	53	29	41	8	24	59	17	41
Over \$100,000	182	9	135	74	43	23	146	10	110	75	31	21	37	7	25	68	12	32
Ethnic Groups																		
African American	652	32	423	65	209	32	413	28	278	67	119	29	239	44	145	61	90	38
American Indian	7	0	2	29	3	43	5	0	1	20	3	60	2	0	1	50	0	0
Caucasian	869	43	564	65	275	32	671	45	451	67	197	29	198	37	113	57	78	39
Mexican American	44	2	30	68	12	27	30	2	22	73	7	23	14	3	8	57	5	36
Asian American	125	6	80	64	43	34	116	8	75	65	39	34	9	2	5	56	4	44
Puerto Rican, Cuban	11	1	9	82	1	9	6	0	5	83	1	17	5	1	4	80	0	0
All Others	328	16	191	58	102	31	2556	17	161	63	70	27	72	13	30	42	32	44
Planned to:																		
Live On-Campus	983	48	662	67	294	30	709	47	500	71	188	27	274	51	162	59	106	39
Seek Financial Aid	1725	85	1141	66	550	32	1253	84	860	69	368	29	472	88	281	60	182	39
Work	1536	75	1019	66	489	32	1119	75	765	68	333	30	417	77	254	61	156	37

ACT Score Averages by High School Academic Course Preparation

Course Pattern	Enrolled Freshman Fall 2004-05			Enrolled Freshman Fall 2005-06			Nonreturning		
	N	Average Scores		N	Average Scores		N	Average Scores	
Total	2036	Composite 20.3		1497	Composite 21		539	Composite 18.5	
English		English	Composite		English	Composite		English	Composite
E9, E10, E11, E12, Speech	772	20.3	20.8	590	20.9	21.4	182	18.3	19.4
E9, E10, E11, E12	1018	19.3	20.1	738	20.3	20.9	280	16.8	17.9
Less than 4 years English	150	19.1	20.1	99	19.4	20.3	54	18.7	19.9
No English Courses Reported	96	18.6	19.6	70	18.6	19.7	26	18.6	19.2
Mathematics		Mathematics	Composite		Mathematics	Composite		Mathematics	Composite
Alg1, ALg2, Geom, Trig, Calc	138	22.5	22.5	108	22.8	22.9	30	21.2	21.2
Alg1, ALg2, Geom, Trig, Other Math	178	21.1	21.4	149	21.4	21.6	29	19.7	19.9
Alg1, ALg2, Geom, Trig	175	20.2	20.7	132	20.3	21.1	43	19.7	19.4
Alg1, ALg2, Geom, Other Math	275	18	18.5	186	18.6	19.3	89	16.7	16.8
Alg1, ALg2, Geom	259	16.9	18	173	17.1	18.4	86	16.3	17.2
Other Combinations of 3 or more	726	21.7	21.7	556	22.5	22.4	170	19.1	19.4
Less than 3 years Math	167	17.4	18.3	113	17.5	18.7	54	17.3	17.6
No Math Courses Reported	118	18.9	19.6	80	19.6	19.9	38	17.6	19.1
Natural Science		Science	Composite		Science	Composite		Science	Composite
Gen Science, Biology, Chemistry, Physics	743	21.3	21.1	570	21.8	21.7	173	19.7	19.1
Biology, Chemistry, Physics	239	22.3	22.7	199	22.6	23.1	40	20.7	20.8

Summary Data for High Schools with HIGHEST RATE of returning 2nd Year Students

High School	Fall 2004-05 Freshman			Returning Student Characteristics & Choice Patterns						
	N	2nd Yr N	Left Campus	First Choice Institution	Sure of Major	Completed Core Courses	Top Quarter Class	Income Below 36,000	ACT Composite < 17	ACT Composite > 25
Dwight D Eisenhower	8	8	0	1	3	6	5	0	1	5
Trenton	9	9	0	1	6	6	3	0	0	1
Lake Shore Senior	12	12	0	3	5	7	9	2	0	4
Waterford Mott	7	7	0	0	1	5	6	0	0	2
Lanse Creuse	13	13	0	5	4	10	10	1	0	5
Lanse Creuse N	5	5	0	1	2	5	5	1	0	3
Dakota	11	11	0	3	5	4	8	0	0	3
Adlai E Stevenson	9	9	0	2	4	8	5	2	1	5
Notre Dame	11	11	0	4	3	7	2	2	2	1
Immaculate Conceptions Schools	5	5	0	2	1	4	3	1	0	2
Grosse Isle	7	7	0	2	1	3	1	0	0	2
Star International Academy	5	5	0	3	3	4	3	2	1	0
Redford Union	5	5	0	1	3	3	3	1	1	0
Mercy	14	14	0	4	5	13	5	2	3	4
Clawson	6	6	0	1	1	4	4	2	1	0
Marian	6	6	0	4	3	5	0	0	0	0
Warren Mott	22	21	1	9	7	6	11	6	3	5
Utica	19	18	1	3	6	14	14	4	1	7
Athens	18	17	1	4	7	13	7	4	1	4
Grosse Points North	16	15	1	7	2	8	6	4	0	5
John F Kennedy	14	13	1	2	6	5	8	4	1	2
John Glenn	12	11	1	3	4	10	8	2	1	3
Farmington	11	10	1	4	5	7	3	2	0	1
Salem	10	9	1	2	2	6	4	1	1	3
Sterling Heights	19	17	2	7	6	10	10	3	1	6

Summary Data for High Schools with LOWEST RATE of 2nd Year Returning Students

High School	Fall 2004-05 Freshman			Returning Student Characteristics & Choice Patterns						
	N	2nd Yr N	Left Campus	First Choice Institution	Sure of Major	Completed Core Courses	Top Quarter Class	Income Below 36,000	ACT Composite < 17	ACT Composite > 25
Finney	13	4	9	2	6	5	3	6	6	0
Detroit Community	9	3	6	0	0	4	1	5	3	0
Mackenzie	6	2	4	0	3	4	1	4	3	0
Kettering Senior	8	3	5	2	2	1	0	3	3	0
Henry Ford	10	4	6	2	2	3	0	4	5	0
Academy of Michigan	5	2	3	1	1	2	0	2	2	0
Hamilton J Robichaud JR/SR	7	3	4	1	2	0	3	3	2	0
Western International	23	10	13	6	4	9	0	7	9	0
Redford	16	7	9	4	5	6	2	6	5	0
Osborn	13	6	7	2	3	2	2	4	6	0
Crockett Technical	15	7	8	3	3	5	1	5	7	0
Chadsey	6	3	3	0	0	2	1	1	1	0
Harper Woods	6	3	3	0	0	2	1	1	0	1
John J Pershing	10	5	5	0	4	2	3	5	1	0
Garden City	10	5	5	1	2	3	2	0	0	0
George A Dondero	8	4	4	1	1	3	1	1	0	0
Southfield Lathrup SR	19	10	9	2	5	7	1	5	6	0
Frank Cody	24	13	11	2	7	6	1	9	9	0
Lee M Thurston	11	6	5	2	3	4	3	1	0	2
Southfield Senior	20	11	9	2	7	3	2	2	7	0
Kalamazoo Central	7	4	3	0	2	1	1	0	1	0
Romulus	7	4	3	1	1	1	0	3	1	0
Grosse Pointe South	12	7	5	0	1	3	1	0	0	0
Hazel Park	12	7	5	0	2	1	4	2	2	1
Northwestern	10	6	4	2	4	2	1	2	4	0