

Appendix VII

Tables of Standard Errors

Standard error tables for S.1 to S.4.

Table S.1		Two-year	Table S.2		Statistics	TYC	Table S.4		
Four-year	SE	SE	Mathematics	SE	SE	SE		SE	
Mathematics	1607	45	Precollege	19	na	965	Math	12316	786
Statistics	260	15	Introductory	29	na	321	Math Ed	3369	476
Computer Science	59	10	Calculus level	24	na	108	Statistics	527	68
Total	1925	51	Advanced	6	na	0	Actuarial	499	91
			Total Mathematics	45	na	1580	OR	31	26
Table S.3			Statistics				Math & CS	719	185
Semester	Four-year	SE	Elementary	14	54	117	Math & Stat	203	97
	91%	3	Upper level	34	24	0	Math & Econ	214	65
Trimester	1%	1	Total Stat	182	78	117	Other	954	200
Quarter	6%	2	CS				Total M & S degrees	18833	1065
Other	2%	2	Lower	44	2	1	Women	8192	541
			Middle	8	0		CS degrees	2603	573
			Upper	5	0		Women	465	110
			Total	57	2	1	Total degrees	21437	1280
			Grand Total	1845	80	5	Women	8656	560

Standard Error Table for S.5 and S.6

Table S.5	TTE	SE	OFT	SE	PT	SE	GTA	SE	Unkn	SE	Enroll	SE
Math Depts												
Math courses	46	2	21	1	20	1	8	1	5	1	1607	45
Stat courses	52	3	24	4	19	3	2	1	2	1	182	15
CS courses	70	5	11	4	11	3	0	0.3	7	4	57	10
All Math Dept	48	2	21	1	19	1	7	0.6	5	0.7	1845	51
Stat Depts												
All Stat courses	47	3	23	2	7	1.4	11	3	13	6	80	5
TYC												
All courses	56	1			44	1					1697	75
Table S.6												
Math, Precollege	9	2	25	3	46	4	14	3	5	1.8	199	19
Math, Intro	31	2	25	2	28	2	10	1	6	1	695	29
Math, Calculus	61	2	17	1	9	1	7	1	6	1	583	24
Math, Upper	84	2							16	2	112	6
Math, Elem Stat	49	4	16	3	28	3	3	1	3	1	145	14
Math Adv Stat	59	8							41	8	34	3
Math, CS Lower	63	6	12	4	17	5	1	0.4	8	4	43	8
Stat Dept Elem	25	4	21	3	13	3	20	5	21	10	53	4
Stat Dept Upper	74	3							26	3	23	2
TYC, All	56	1.5			44	1.5					1739	77

Standard Error Table for S.7

Table S.7	TTE	SE	OFT	SE	PT	SE	GTA	SE	Unkn	SE	Enroll	SE	Avg Sect	SE
MS Calc 1														
Lect/Recit	52	4	27	4	9	3	5	2	7	3	80	8	46	4
Reg <31	77	3	10	2	5	1	5	1	3	2	63	7	22	1
Reg >30	49	4	17	3	10	2	16	3	8	3	58	6	36	1
MS Calc I Total	63	2	17	2	7	1	8	1	5	1	201	10	32	1
MS Calc II														
Lect/Recit	58	5	24	4	5	2	5	3	8	3	36	4	50	5
Reg <31	80	3	8	2	3	1	7	2	2	1	25	3	22	1
Reg >30	51	5	19	3	11	2	11	3	7	3	24	3	36	1
MS Calc II Total	66	3	15	2	6	1	8	1	5	1	85	5	33	1
Total I & II	64	2	16	1	7	1	8	1	5	1	286	13	32	1
TYC														
	Full-time				Part-time									
MS Calc I	88	2			12	2					49	3	22	1
MS Calc II	87	2			13	2					19	1	18	1
Total I&II	87	1			13	1					68	4	21	1

Standard Error Table for S.8

Table S.8	TTE	SE	OFT	SE	PT	SE	GTA	SE	Unkn	SE	Enroll	SE	Avg Sect	SE
NMS Calc 1														
Lect/Recit	19	5	33	7	9	4	9	3	30	9	28	4	64	7
Reg < 31	40	6	18	4	20	6	14	4	8	4	30	7	23	2
Reg > 30	36	5	24	4	26	4	13	4	2	1	50	6	44	3
NMS Calc I Total	35	4	23	3	21	3	13	3	9	3	107	9	37	2
NMS Calc II	33	7	26	6	23	5	17	4	1	1	10	2	46	5
NMSC I & II	35	3	23	3	21	3	13	3	8	3	118	9	38	2
TYC					Part-time									
NMS Calc I	73	4			27	4					20	2	23	1
NMS Calc II	66	9			34	9					1	0.2	21	2
Total I & II	72	4			28	4					21	2	23	1

Standard Error Table for S.9 and S.10

S.9 Math Dept	T/TE	SE	OFT	SE	PT	SE	GTA	SE	Ukn	SE	Enroll	SE	Av Sect	SE
Elem Stat														
Lecture/recitation	30	7	27	8	34	8	2	1	7	3	12	4	32	6
Regular <31	56	5	12	3	28	5	2	1	2	1	54	11	24	1
Regular >30	49	4	18	4	22	4	6	2	5	3	56	9	40	1
Course total	51	4	16	3	27	3	3	1	4	1	122	13	31	1
Prob & Stat														
Course total	29	8	24	8	44	12	1	1	2	1	18	5	30	2
Total All Elem. P & S	48	4	17	3	29	3	3	1	3	1	140	13	31	1
TYC														
ElemStat	65	2			35	2					101	8	26	1
S.10 Stat Depts														
Elem Stat														
Lecture/recitation	19	4	27	4	16	4	17	4	21	11	28	3	82	13
Regular <31	33	6	18	6	7	3	23	9	20	6	1	0.3	12	5
Regular >30	33	8	14	3	18	4	30	13	5	2	13	3	50	4
Course total	26	4	21	3	16	3	22	6	15	6	42	3	63	7
Prob & Stat														
Course total	34	8	38	7	0	0	16	5	13	5	2	0.6	68	12
Total All Elem. P & S	26	4	22	3	15	3	22	5	15	6	44	3	64	6

Standard Error Table for S.11 and S.12.

Table S.11	Calculators	SE	Writing	SE	Computer	SE	On-line	SE	Group	SE	Enroll	SE	Avg Sect	SE
MS Calc I														
Lecture/recitation	48	7	13	5	24	6	6	2	12	5	80	8	46	4
Regular <31	58	7	16	4	20	5	2	1	8	2	63	7	22	1
Regular >30	43	6	10	4	20	5	6	2	13	4	58	6	35	1
Course total	51	4	13	3	21	3	4	1	10	2	201	10	32	1
MS Calc II														
Lecture/recitation	38	6	9	4	20	5	4	2	7	4	36	4	50	5
Regular<31	47	8	13	5	24	5	2	1	5	2	25	3	21	1
Regular >30	42	7	5	3	18	5	5	2	5	3	24	3	36	1
Course total	43	5	9	3	21	3	3	1	6	2	85	5	33	1
Total MS Calc I & II	49	4	12	2	21	3	4	1	9	2	285	13	32	1
TYC														
MS Calc I	79	4	19	3	20	3	5	1	19	3	49	3	22	1
MS Calc II	81	4	18	4	30	4	25	4	7	2	19	1	18	1
Total MS Calc I & II	80	4	18	3	23	3	5	1	21	3	68	4	21	1
Table S.12														
NMS Calc I														
Lecture/recitation	60	8	7	4	8	3	7	3	4	2	28	4	64	7
Regular <31	63	9	1	0.4	5	2	4	2	1	1	30	7	23	2
Regular >30	37	7	7	3	4	2	5	2	6	2	50	6	44	3
Course total	53	6	4	1	5	1	5	2	3	1	108	9	37	2
TYC														
NMS Calc I	77	5	14	4	9	3	3	1	14	3	20	2	23	1

Standard Error Tables for S.13, S.14, S.15, and S.16.

Table S.13	Calculators	SE	Writing	SE	Computers	SE	On-line	SE	Groups	SE	Enroll	SE	Avg sect	SE
Math Depts														
Lecture/recitation	42	18	48	17	83	6	0	0	38	19	12	4	32	6
Regular <31	30	9	30	10	56	10	4	2	19	10	54	11	24	1
Regular >30	44	9	21	8	46	9	2	2	5	2	56	9	40	1
Course total	36	7	28	6	55	7	3	1	16	6	122	13	31	1
Stat Depts														
Lecture/recitation	9	4	42	6	59	6	26	9	30	7	28	3	82	13
Regular <31	0	0	19	11	85	7	30	14	16	10	1	0.2	12	5
Regular >30	1	1	57	10	52	11	1	1	22	10	13	3	50	4
Course total	5	2	46	6	58	6	16	6	26	6	42	3	63	7
TYC Course total	73	5	44	5	45	5	10	3	24	4	101	8	26	1
Table S.14			Table S.15		Total	SE	T&TE	SE	OFT	SE	Posdoc	SE		
Math Depts	2005		Full-time		21885	595	17256	464	4629	177	819	25		
FT faculty	21885	595	with PhD		18071	400	15906	363	2165	79	813	24		
PT faculty	6536	338												
Stat Depts			Doctoral Stat											
FT faculty	946	8	FT faculty		946	8	783	7	163	3	51	2		
PT faculty	112	3	with PhD		915	8	781	7	133	3	51	2		
TYC														
FT faculty	9403	425	Total M & S		22831	595	18039	464	4792	177	870	25		
PT faculty	18227	900	TYC		Total FT	SE	FT perm	SE	FT temp	SE				
			FT faculty		9402	425	8793	398	610	163				
			Grand Total		32251	na	26837	na	5415	na	874	na		
Table S.16	PhD = 16% SE=2		MA = 82% SE=2		BA= 2% SE=1									

Standard Error Tables for S.17, S.18, S.19, S.20, and S.21.

Table S.17	Total	SE	T	SE	TE	SE	OFT	SE	PD	SE
FT faculty	21885	595	12874	320	4382	193	4629	177	819	25
#women	5641	239	2332	111	1250	72	2059	111	191	24
Doc Stat Depts										
FT faculty	946	8	604	5	179	3	163	3	51	2
#women	212	3	79	1	66	1	66	2	16	1
TYC	All	SE	FT < 40	SE						
FTfaculty	8793	398	2326	169						
#women	4387	256	1148	102						
Table S.18	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	>69
Ages, Math total %	2	9	13	14	13	14	14	13	6	2
SE	0	0	0	1	0	0	1	0	0	0
TYC	<30	30-34	35-39	40-44	45-49	50-54	55-59	>59	Avg	
Perm fac ages %	5	8	12	13	15	18	17	11	47.8	
SE	1	1	1	1	1	1	1	1	0.4	
Table S.19										
Ages Stat total %	5	15	15	12	12	12	12	9	6	2
SE	1	2	1	2	2	2	2	2	1	1
Table S.20	Asian	Black	Hisp.	White	Other					
FT men %	9	2	2	59	2					
SE men	0	0	0	1	0					
FT women %	3	1	1	21	1					
SE women	1	0	0	1	0					
Table S.21										
FT men %	18	1	1	55	2					
SE men	1	0	0	1	0					
FT women %	7	1	0	16	0					
SE women	2	1	0	2	0					

Standard Error Tables for S.22 and S.23.

Table S.22	D&Ret	SE	Number	SE			
PhD Math	139	5	5652	0			
MA Math	140	23	3563	92			
BA Math	219	51	8041	455			
Total Math	499	56	17256	464			
Total Doc Stat	14	2	783	7			
TYC total	292	56	8793	398			
Table S.23	< 6	6	7-8	9-11	12	>12	Avg
Math Doc Fall	24	42	25	5	2	2	6.3
SE Math Doc	4	5	4	2	2	2	0.2
Math MA Fall	0	4	5	44	48	0	10.3
SE Math MA	0	2	3	8	8	0	0.3
Math BA Fall	0	0	3	30	53	14	11.3
SE Math BA	0	0	2	6	7	5	0.3
Stat Doc Fall	48	45	4	0	4	0	5.3
SE Stat Doc	6	6	3	0	3	0	0.3

Standard Error Tables for SP.1, SP.2, SP.3, and SP.4.

Table SP.1	Table SP.3							
	Have K-8	SE	Committee	SE	Special course	SE	Designate	SE
Math PhD	78	4	58	5	81	4	31	5
Math MA	92	4	86	6	96	3	45	9
Math BA	88	4	82	6	85	5	21	5
Math total	87	3	80	4	86	4	25	4
Stat PhD	40	5	29	9	11	7	0	0
Stat MA	59	14	25	17	33	21	0	0
Stat total	44	5	28	8	16	7	0	0
Table SP.2								
PS elem = 30	PS mid = 19	PS sec = 3	IS elem = 16	IS mid = 15	IS sec = 2	CSw elem = 19	CSw mid = 14	CSw sec = 6
S E = 5	S E = 4	S E = 1	S E = 4	S E = 4	S E = 1	S E = 4	S E = 3	S E = 2
Table SP.4								
Coord = 38	Special = 11	In dept = 9	Out dept = 10					
S E = 5	S E = 3	S E = 3	S E = 3					

Standard Error Table for SP.5

Table SP.5							
Several tracks	SE	Unified track		SE			
44	5	56		5			
	Early	SE	Later	SE	Unified	SE	
0 req	11	6	16	7	4	3	
1 req	17	6	7	4	26	7	
2 req	31	7	5	4	37	7	
3 req	17	5	2	1	22	6	
4 req	17	7	11	6	11	5	
5 or more	8	4	58	8	0	0	
	Avg req		Avg req		Avg req		
Math PhD	3.3	0.5	5.5	0.8	2.4	0.2	
Math MA	3.3	0.6	6.9	0.8	2.5	0.2	
Math BA	2.5	0.4	5.3	0.9	2	0.2	
All Math	2.7	0.3	5.6	0.7	2.1	0.2	

Standard Error Table for SP.6

Table SP.6	PhD, early	SE	MA, early	SE	BA, early	SE	PhD, later	SE	MA, later	SE	BA, later	SE
Multi-term	59	7	70	11	64	10	28	7	47	12	38	9
Single term	21	6	37	12	33	10	16	6	10	7	12	7
College algebra	41	8	40	12	56	11	21	7	40	12	23	9
Precalculus	15	5	6	6	46	11	13	4	13	8	15	8
Math Mod	5	2	0	0	0	0	8	5	0	0	0	0
Lib Arts	28	7	30	11	25	10	8	5	7	6	2	1
Finite	23	7	7	6	15	8	10	4	7	6	8	6
History	5	4	0	0	0	0	31	7	23	10	18	9
Calculus	21	6	6	6	12	7	64	8	50	12	77	9
Geometry	10	5	24	10	0	0	43	8	47	12	53	11
Elem Stat	31	8	26	11	27	10	41	8	44	12	55	11

Standard Error Tables for SP.7, SP.8, SP.9, SP.10, and SP.11.

Table SP.7	Table SP.10						In dept	Other dept		
	PhD Math	SE	MA, Math	SE	BA, Math	SE			Math, PhD	No program
Same text	97	2	91	5	100	0	43	29	28	
Coordinator	90	3	82	7	69	10	5	4	5	
a) T/TE	65	7	81	7	68	12	21	35	44	
b) Postdoc	0	0	0	0	0	0	7	8	8	
c) Visitor	2	2	9	6	0	0	89	2	9	
d) FT PhD not a,b,c	28	7	9	6	32	12	3	1	3	
e) FT, not a,b,c,d	2	2	0	0	0	0	58	23	19	
f) PT	3	2	0	0	0	0	6	6	5	
g) GTA	0	0	0	0	0	0	56	29	15	
							14	13	10	
Table SP.8	Fresh	SE	Soph	SE	Junior	SE	Senior			
Math, PhD	23	5	45	6	27	6	5	2		
Math, MA	43	9	36	9	17	7	4	3		
Math BA	23	7	64	8	13	5	0	0		
Table SP.9		SE		SE		SE				
Req course	58	5	69	8	41	7				
Included in other	22	5	25	7	43	7				
No history req	19	4	7	4	16	6				
Table SP.11	Placement	Required	Discuss	Mandatory	Assess	Department	ETS	ACT	Professional	Other
Percent	96	97	90	88	81	11	22	51	12	25
SE	3	2	2	4	4	4	4	5	3	4

Standard Error Tables for SP.12 and SP.13.

Table SP.12		Math	SE	Stat	SE	TYC	SE													
PhD, Math	96	2	79	5	xx	xx														
MA, Math	91	4	85	10	xx	xx														
BA, Math	88	4	na		xx	xx														
All, Math	89	3	80	5	95	3														
Table SP.13		CAI	SE	Software	SE	Media	SE	Students	SE	Paraprof	SE	PT fac	SE	FT fac	SE	Internet	SE			
PhD, Math	33	5	48	5	20	4	98	1	29	4	22	4	27	5	38	5				
MA, Math	33	8	55	8	40	8	96	3	43	9	23	7	28	7	37	8				
BA, Math	25	6	33	7	27	6	99	1	20	5	9	3	19	5	21	5				
All, Math	27	4	38	5	27	5	98	1	24	4	13	3	21	4	25	4				
PhD Stat	44	6	68	6	13	3	96	3	13	5	9	4	17	4	27	6				
MA Stat	51	15	83	12	17	12	100	0	17	12	0	0	17	12	69	13				
All Stat	46	6	71	5	14	4	97	2	14	5	7	3	17	4	37	5				
All TYC	75	4	72	5	68	5	94	2	67	5	48	5	51	5	77	4				

Standard Error Tables for SP.14 and SP.15.

Table SP.14		Table SP.15													
	Honors	Club	Women	Minorities	Contests	Colloquia	Outreach	REU	Ind. Stud.	Advisor	Thesis	Career	Grad Sch	Intern	Sen Sem
PhD, Math	70%	88%	15%	10%	92%	70%	51%	90	95	85	62	24	49	47	39
SE	5	3	3	2	3	4	5	3	2	3	5	4	5	5	5
MA, Math	44	92	21	23	68	71	63	74	91	97	53	15	61	55	46
SE	8	4	7	7	8	7	8	7	4	3	8	5	8	8	8
BA, Math	18	66	4	6	62	37	26	54	79	88	48	10	45	35	38
SE	5	6	2	3	7	7	6	7	6	4	7	3	6	6	7
All Math	28	72	8	8	67	46	34	62	83	89	50	12	47	39	39
SE	4	5	2	2	5	5	4	5	4	3	5	3	5	5	5
PhD, Stat	27	27	0	7	22	47	11	60	62	73	27	15	56	47	15
SE	6	5	0	3	5	6	4	6	6	5	5	5	6	6	5
MA, Stat	41	29	0	0	29	44	15	59	100	85	44	15	59	71	29
SE	14	13	0	0	13	14	10	14	0	10	14	10	14	13	13
All Stat	30	27	0	6	23	46	12	60	70	76	31	15	57	52	18
SE	5	5	0	3	5	6	4	6	5	5	5	4	6	5	5
All TYC	24	22	7	15	37	6	25	9	38	40	na	na	na	na	na
SE	4	4	2	3	4	2	4	3	5	5	na	na	na	na	na

Standard Error Tables for SP.16 and SP.17.

Table SP.16		Math, 4-yr		TYC		Stat, 4-yr	
Depts with D.En.	14%	Math spring 05	Math fall 05	TYC spring 05	TYC fall 05	Stat spring 05	Stat fall 05
SE	3	Math Other, fall 05		TYC Other, fall 05		Stat Other fall 05	
Dual Enrollments		201000		206000		na	na
College algebra		8046		11362		na	na
SE		1424		3176		na	na
Precalculus		597		13801		na	na
SE		367		5636		na	na
Calculus I		8490		11188		na	na
SE		3320		4143		na	na
Statistics		981		2440		1563	1295
SE		900		937		844	812
Other		723		3045		0	0
SE		405		866		0	0
Dept. Control		Never	Sometimes	Always	Never	Sometimes	Always
Textbook		41%	15%	44%	14%	12%	74%
SE		12	11	11	5	4	6
Syllabus		2%	6%	92%	4%	7%	89%
SE		1	4	4	2	4	4
Final exam		40%	30%	30%	36%	28%	37%
SE		12	12	10	7	6	7
Instructor		32%	20%	48%	35%	13%	52%
SE		12	10	12	7	5	7
Teaching evals				16%			64%
SE				7			9
Table SP.17		4-yrMath = 4%		TYC = 12%		4-yr Stat = 0%	
Assign own	S E=2	S E=3	S E=0				
Number enrolled	2874	SE = 1929	2008	SE = 736	0	SE = 0	SE = 0

Standard Error Table for SP.18.

Table SP.18	PhD, Math	SE	MA, Math	SE	BA, Math	SE	PhD, Stat	SE	MA, Stat	SE
Quant. Requirement	87%	4	98%	2	91%	4	86%	4	88%	7
In department only	51	5	68	7	61	7	8	3	0	0
Any freshman course	26	5	28	7	32	7	27	6	17	12
Only certain courses	74	5	72	7	69	7	73	6	83	12
Departmental courses										
Coll. alg./Precalculus	56	6	61	9	62	9	na		na	
Calculus	97	3	87	6	86	6	na		na	
Math models	23	5	11	6	13	6	na		na	
Prob/Stat	55	6	60	10	66	8	94	3	60	17
Stat literacy	na		na		na		27	7	20	14
Special gen ed	52	6	73	9	55	9	0	0	0	0
Other courses	50	6	71	9	57	9	33	7	20	14

Standard Error Tables for SP.19 and SP.20.

Table SP.19		PhD, all	MA, all	BA, all	PhD, some	MA, some	BA, some	PhD, none	MA, none	BA, none
		SE	SE	SE	SE	SE	SE	SE	SE	SE
Mod Alg I		24	48	56	59	42	36	18	10	8
> 1 Algebra		5	8	8	40	28	17	55	63	75
Analysis I		36	39	46	49	54	29	15	7	25
> 1 Analysis		10	4	8	49	36	20	41	60	71
CS		55	76	64	27	16	14	18	8	22
Stat		32	56	32	40	32	32	28	11	35
Appl Math		16	23	21	52	41	25	32	36	54
Capstone		27	52	59	23	13	8	50	35	33
Exit exam		8	8	29	4	16	3	88	76	68
Table SP.20		PhD, Stat, all	MA, Stat, all	PhD, Stat, some	MA, Stat, some	PhD, Stat, none	MA, Stat, none			
		SE	SE	SE	SE	SE	SE			
Calc I		92	86	4	0	4	0	4	14	8
Calc II		87	86	4	0	4	0	8	14	8
Multivar Calc		78	51	9	17	13	4	13	31	13
Lin Alg		84	69	3	0	13	4	13	31	13
CS		72	86	16	0	12	4	14	14	8
Appl Math		24	14	12	17	64	7	69	69	13
Capstone		34	51	9	17	57	7	31	31	13
Exit exam		0	0	0	17	100	0	83	83	12

Standard Error Table for SP.21.

Table SP.21	PhD, Math	MA, Math	BA, Math	PhD, Stat	MA, Stat
Teach own CS	17%	25%	42%	4%	29%
	4	5	7	3	13
Allow other CS	69	31	22	55	100
	5	7	6	6	0
Teach own stat	64	94	87	na	na
	4	4	5		
Allow other stat	55	12	15	na	na
	5	5	5	na	na
Allow udiv math	na	na	na	66	86
	na	na	na	6	8

Standard Error Tables for SP.22 and SP.22 contd.

Table SP.22	All Math 04- 5&05-6	SE	PhD, Math	SE	MA, Math	SE	BA, Math	SE
Modern Algebra I	61%	5	86%	4	87%	6	52%	7
Modern Algebra II	21	3	40	5	40	8	15	4
Number Theory	37	4	61	5	61	8	29	5
Combinatorics	22	4	55	5	38	8	14	5
Actuarial Mathematics	11	2	24	4	23	7	6	3
Foundations/Logic	11	2	27	4	16	6	7	3
Discrete Structures	14	3	27	4	22	7	10	4
History of Mathematics	35	4	43	5	68	8	28	5
Geometry	55	5	81	4	89	5	44	6
Math for secondary teachers	37	5	41	5	50	8	35	6
Adv Calculus/ Real Analysis I	66	5	95	3	86	6	57	6
Adv Calculus/Real Analysis II	26	4	62	5	44	8	17	5
Adv Math Engin/Phys	16	3	50	5	28	7	7	4
Advanced Linear Algebra	19	3	52	5	42	8	9	3
SP.22 contd								
Vector Analysis	9%	3	21%	4	6%	4	7%	3
Advanced Differential Equations	13	2	45	5	28	7	5	3
Partial Differential Equations	19	3	57	5	29	7	11	4
Numerical Analysis I and II	47	5	83	4	76	7	36	6
Applied Math/Modeling	26	4	48	5	47	8	18	5
Complex Variables	37	4	80	4	53	8	26	5
Topology	32	4	61	5	33	8	26	5
Mathematics of Finance	8	2	24	4	8	4	5	3
Codes & Cryptology	8	2	17	3	8	4	7	3
Biomathematics	8	2	24	4	9	5	4	3
Intro to Operations Research	12	3	17	4	20	6	10	4
Intro to Linear Programming	6	1	19	4	21	7	1	1
Math senior seminar/Ind study	45	5	61	5	48	8	42	6

Standard Error Table for SP.23

Table SP.23	All Math Depts	PhD Math	MA Math	BA Math	All Stat Depts	PhD Stat	MA Stat
Math Stat	38%	52%	63%	31%	76%	73%	88%
SE	5	4	8	6	4	5	7
Probability	51	72	69	43	86	90	73
SE	5	4	8	6	4	4	12
Stochastic Pr	6	21	13	2	43	42	44
SE	2	4	6	2	5	6	14
App stat analysis	13	26	32	7	65	63	73
SE	2	4	8	3	5	6	12
Exp design	6	14	23	2	54	49	73
SE	1	3	7	1	5	6	12
Reg & Corr	6	20	12	3	62	55	88
SE	2	4	5	2	5	6	7
Biostatistics	4	11	13	2	25	28	15
SE	1	3	6	2	5	5	10
Nonparametric	2	6	8	0	38	33	59
SE	1	2	4	0	5	6	14
Cat data analysis	1	5	3	1	21	19	29
SE	0.6	2	3	0.5	4	4	13
Survey design	4	13	8	1	49	43	73
SE	1	3	4	0.7	5	6	12
Stat software	3	11	7	0.5	43	35	73
SE	0.7	3	4	0.5	5	6	12
Data mgmt	0	0	0	0	5	6	0
SE	0	0	0	0	2	3	0
Sen sem/Ind study	3	8	8	0.5	41	36	59
SE	1	3	4	0.5	5	5	14

Standard Error Tables for SP.24 and SP.25.

	PhD, Math	MA, Math	BA, Math	PhD, Stat	MA, Stat	SE
Table SP.24						
Pre-college teaching	16%	44%	32%	1%	0%	0
Grad or profess school	21	16	19	18	29	2
Jobs in bus, gov, etc.	19	21	29	16	36	6
Other known plans	4	1	2	0	6	2
Plans unknown	39	18	17	65	28	5
Table SP.25						
Outside reviewers	47%	45%	29%	37%	59%	14
Survey graduates	62	81	74	54	71	13
Other departments	51	41	35	29	56	14
Student progress	45	52	38	30	56	14
Eval placement	72	72	51	5	15	10
Change program	76	72	76	69	29	13

Standard Error Table for E.1

Table E.1	PhD,Math	MA,Math	BA,Math	Total, Math	PhD, Stat	MA, Stat	Total, Stat	Total M&S
Men, Math	4112	1350	3358	8820				8820
SE	337	213	374	547				547
Women, Math	2282(36%)	1027(43%)	2482(43%)	5791(40%)				5791(40%)
SE	233(1.4%)	183(2.9%)	336(2.5%)	448(1.3%)				448(1.3%)
Total Math	6393	2377	5839	14610				14610
SE	540	371	653	925				925
Men, Math Ed	296	401	645	1341				1341
SE	48	91	187	213				213
Women, Math Ed	470(61%)	628(61%)	930(59%)	2028(60%)				2028(60%)
SE	70(2.5%)	161(3.9%)	231(4.3%)	290(2.4%)				290(2.4%)
Total Math Ed	766	1029	1575	3369				3369
SE	111	239	396	476				476
Men, Stat	64	44	17	125	237	120	357	482
SE	16	22	11	30	44	44	62	69
Women, Stat	69(52%)	41(48%)	6(25%)	116(48%)	184(44%)	73(38%)	257(42%)	373(44%)
SE	21(5%)	24(5%)	5(16%)	32(4%)	35(2.2%)	24(3.6%)	43(2.0%)	53(2.0%)
Total Stat	133	85	23	241	421	193	614	855
SE	34	45	14	58	77	67	102	117
Men, CS	413	314	1412	2139				2139
SE	183	158	423	487				487
Women, CS	58(12%)	72(19%)	335(19%)	465(18%)				465(18%)
SE	27(1%)	35(2.9%)	101(3.6%)	110(2.5%)				110(2.5%)
Total CS	471	386	1747	2603				2603
SE	209	191	499	573				573
Total, Men	4884	2109	5431	12424	237	120	357	12780
SE	384	294	672	827	44	44	62	830
Total, Women	2879(37%)	1768(46%)	3752(41%)	8399(40%)	184(44%)	73(38%)	257(42%)	8656(40%)
SE	242(1.3%)	273(2.4%)	422(2.4%)	558(1.3%)	35(2.2%)	24(3.6%)	43(2.0%)	560(1.2%)
Total	7763	3877	9183	20823	421	193	614	21437
SE	589	535	998	1276	77	67	102	1280

Standard Error Table for E.2

Table E.2	PhD, Math	MA, Math	BA, Math	Total, Math	PhD, Stat	MA, Stat	Total, Stat
Precollege	55	60	87	201			
SE	7	10	14	19			
Intro	269	190	248	706			
SE	17	11	21	29			
Calculus	345	88	154	587			
SE	17	8	14	24			
Adv Math	52	24	36	112			
SE	3	3	4	6			
Total Math	720	362	525	1607			
SE	26	18	32	45			
Elem Stat	30	32	86	148	42	13	54
SE	4	6	12	14	4	3	4
Upper Stat	15	9	10	34	20	3	23
SE	2	2	2	3	2	0.5	2
Total Stat	44	42	96	182	62	16	78
SE	4	7	12	15	4	3	5
Lower CS	3	11	30	44	0	1	2
SE	1	4	7	8	0.1	0.2	1
Middle CS	1	1	6	8	0	0	0
SE	0.6	0.3	1	1	0	0	0.2
Upper CS	1	1	3	5	0	0	0
SE	0.5	0,3	1	1	0	0.2	0
Total CS	5	13	39	57	0	2	2
SE	2	4	9	10	0.2	1	1
Total all	769	417	659	1845	62	18	80
SE	26	20	39	51	4	3	5

Standard Error Table for E.3

Table E.3	PhD, Math	MA, Math	BA, Math	Total, Math	PhD, Stat	MA, Stat	Total, Stat
Precoll, Math	1363	1902	3862	7126			
SE	174	305	581	679			
Intro, Math	5518	5543	9895	20955			
SE	454	391	812	1009			
Calculus	7696	3237	7388	18321			
SE	356	275	584	738			
Adv Math	2625	1622	3507	7754			
SE	119	150	369	416			
Total Math	17202	12303	24652	54157			
SE	719	724	1341	1685			
Elem Stat	629	924	3191	4744	696	186	882
SE	104	158	437	476	123	34	127
Upper Stat	869	714	771	2354	499	156	654
SE	241	206	141	347	38	28	47
Total Stat	1498	1638	3962	7098	1195	342	1537
SE	261	261	455	586	143	46	149
Lower CS	114	512	1629	2254	11	22	33
SE	42	157	373	407	8	12	15
Middle CS	61	121	739	921	2	14	16
SE	31	37	149	157	1	10	10
Upper CS	61	83	444	587	0	0	0
SE	30	34	142	149	0	0	0
Total CS	236	715	2811	3762	13	36	49
SE	96	199	558	600	9	22	24
Total, All	18935	14656	31425	65017	1208	378	1586
SE	752	821	1634	1978	141	44	147

SE Tables for E.4 and E.5

Table E.4	Dist-Lrn, SE	Other, SE	Dist-Lrn, SE	Other, SE	Table E.5	T/TE	OFT	PT	GTAs	Ukn	# Math	T/TE	OFT	PT	GTAs	Ukn	# Stat	T/TE	OFT	PT	GTAs	Ukn	# CS	
	4-Yr	4-Yr	TYC	TYC		35	24	14	21	6	17202	39	44	7	9	2	1498	39	38	9	7	6	236	
Pre-coll Math	2489	955	198760	18648	37036	5619	927697	50844																
Coll Alg	5856	2268	352591	20962	15721	2423	298081	22492																
Calculus I	593	173	308518	13511	3620	944	68919	4452																
Calculus II	577	310	94858	5342	270	97	20003	1334																
D Eq & Lin Alg	238	146	82034	4504	83	46	7423	731																
EI Stat in Math	3075	1577	140077	13336	9894	1331	107304	7922																
EI Stat in Stat	990	485	44303	3400																				
PhD, Math	45	20	22	8	6	12303	49	33	15	1	2	1639	43	8	18	0	30	715						
SE	3	4	3	2	2	724	7	9	4	1	1	261	11	6	8	0	15	199						
BA, Math	54	20	23	1	3	24652	59	13	25	0	3	3962	80	9	9	0	1	2811						
SE	3	2	3	0.3	1	1341	5	3	4	0	1	455	6	5	4	0	1	558						
Total, Math	46	21	20	9	5	54157	52	24	19	2	2	7099	70	11	11	0	7	3762						
SE	2	1	1	1	1	1685	3	4	3	1	1	586	5	4	3	0	4	600						
PhD, Stat							41	22	7	14	15	1195						13						
SE							4	3	2	4	7	143						9						
MA, Stat							64	27	7	0	2	342						36						
SE							4	4	2	0	1	46						22						
Total, Stat							46	23	7	11	12	1537						49						
SE							3	2	1	3	6	149						24						

Standard Error Tables for E.6, E.7, and E.8

Table E.6	TTE	SE	OFT tot	SE	OFT doc	SE	PT	SE	GTA	SE	Ukn	SE	Total Sect	SE
PhD, Math	29	11	312	58	34	10	579	112	376	81	66	46	1363	174
MA, Math	55	33	491	177	43	18	616	161	641	167	99	66	1902	305
BA, Math	576	161	980	247	209	118	2091	377	23	17	192	108	3862	581
Total	660	165	1783	309	286	119	3286	425	1040	187	357	134	7126	679
Table E.7														
PhD, Math	588	82	1457	171	341	46	1176	129	1902	235	394	96	5517	454
MA, Math	1849	232	1373	312	197	85	1657	252	295	104	369	129	5543	391
BA, Math	4079	388	2385	413	423	111	2998	469	0	0	432	136	9895	812
Total	6517	460	5215	545	960	147	5831	548	2196	257	1196	211	20955	1009
Table E.8														
PhD, Math	3199	175	1860	141	1155	107	726	82	1261	153	650	159	7696	356
MA, Math	2196	192	375	114	159	69	402	109	16	14	249	101	3237	275
BA, Math	5754	483	900	168	526	126	520	120	107	75	108	48	7388	584
Total	11149	549	3135	247	1841	179	1648	182	1384	171	1006	194	18321	738

Standard Error Tables for E.9, E.10, E.11, and E.12

Table E.9		Table E.10		Table E.11		Table E.12	
T/TE	OFT tot	OFT-doc	PT	GTA	Ukn	# Sect	
PhD, Math	145	219	73	104	136	25	629
SE	33	68	37	23	35	12	104
MA, Math	441	185	34	250	15	34	924
SE	93	53	21	66	10	17	158
BA, Math	1738	366	90	987	0	100	3191
SE	308	82	38	206	0	47	437
Total Math	2324	770	197	1341	151	159	4744
SE	323	119	57	218	37	52	476
PhD, Stat	144	111	60	88	172	180	696
SE	26	16	10	17	42	106	123
MA, Stat	80	75	22	24	0	7	186
SE	27	12	12	9	0	3	34
Total Stat	224	186	82	112	172	187	882
SE	38	20	16	20	42	106	127
Table E.10		Table E.11		Table E.12			
PhD, Math	31	44	24	10	14	15	114
SE	14	20	12	6	9	11	42
MA, Math	187	50	0	127	0	149	512
SE	65	45	0	63	0	95	157
BA, Math	1199	168	55	256	0	6	1629
SE	276	95	32	119	0	5	373
Total Math	1416	262	79	393	14	169	2254
SE	284	107	34	135	9	96	407
T/TE	OFT tot	OFT-doc	PT	GTA	Ukn	# Sect	
PhD, Math	19	36	19	3	3	0	61
SE	12	26	14	3	3	0	32
MA, Math	72	11	0	6	0	33	121
SE	28	10	0	5	0	30	37
BA, Math	613	98	70	6	0	22	739
SE	139	52	47	5	0	22	149
Total Math	703	145	89	15	3	55	921
SE	142	59	49	8	3	37	157
Table E.11		Table E.12					
PhD, Math	T/TE	Total	Stat Dept	T/TE	Total		
SE	2184	2625		343	499		
MA, Math	98	119	PhD, Stat	33	38		
SE	1382	1622	SE	140	156		
BA, Math	136	150	MA, Stat	31	28		
SE	2941	3507	SE	483	654		
Total Adv Math	6506	7754	Total, Adv Stat	44	47		
SE	352	416	Total, All Adv	44	47		
PhD, Math	434	869	SE	483	654		
SE	38	241	SE	44	47		
MA, Math	359	714	SE	483	654		
SE	51	206	SE	44	47		
BA, Math	604	771	SE	44	47		
SE	90	141	SE	44	47		
Total Adv Stat	1398	2354	SE	44	47		
SE	111	347	SE	44	47		
Total, All Adv	7904	10108	SE	44	47		
SE	378	545	SE	44	47		

Standard Error Tables for E.13 and E.14

Table E.13	PhD, Math	MA, Math	BA, Math	PhD, Stat	MA, Stat	All Depts 05	Table E.14	Univ (PhD)	Univ (MA)	College (BA)
Precoll, Math	40	31	22			28	MS Calc I	28	19	21
SE	3	2	1			1	SE	1	1	3
Intro, Math	48	34	25			33	MS Calc II	26	20	15
SE	2	1	1			1	SE	1	0	4
Calculus	45	27	21			32	Other Calc	29	na	na
SE	2	1	1			1	SE	2	na	na
Adv Math	20	15	10			14	EI Stat in Math	30	32	22
SE	1	1	1			1	SE	2	0	3
Elem Stat	47	34	26	60	63	35	EI Stat in Stat	32	19	na
SE	4	2	1	8	15	1	SE	2	0.4	na
Adv Stat	17	13	13	40	22	19				
SE	5	5	2	3	4	2				
Lower CS	25	22	18	16	66	19				
SE	3	2	1	0	7	1				
Middle CS	19	8	8	48	16	9				
SE	2	0.4	1	0	0	1				
Upper CS	15	8	7	0	0	8				
SE	2	1	1	0	0	1				

Standard Error Table for F.1

Table F.1		T	TE	OFT	PD	PT	T	TE	OFT	PD	PT	T	TE	OFT	PD	PT			
Mathematics																			
Doc Fac		4699	930	1381	760	412	2412	990	268	5	383	4697	2179	516	48	837			
SE		0	0	0	0	0	68	57	26	3	47	233	163	74	24	80			
Doc(F)		420	218	336	147	95	480	319	97	2	102	1080	614	166	41	210			
SE		0	0	0	0	0	25	23	14	2	18	82	61	41	24	33			
Tot Math		4719	933	2049	764	1046	2544	1019	1027	7	1860	5612	2429	1553	48	3630			
SE		0	0	0	0	0	78	59	73	3	199	310	184	162	24	273			
Tot Math(F)		427	220	735	148	386	532	337	532	2	689	1373	693	792	41	1503			
SE		0	0	0	0	0	32	24	47	2	78	106	68	100	24	132			
PhD Stat Depts																			
Doc Fac		603	178	133	51	76													
SE		5	3	3	2	3													
Doc(F)		79	66	46	16	16													
SE		1	1	1	1	1													
Tot PhD Stat		604	179	163	51	112													
SE		5	3	3	2	3													
Tot PhD Stat(F)		79	66	66	16	33													
SE		1	1	2	1	1													
See the Appendix on statistical methods for a discussion of SE values for mathematics Ph.D. department estimates.																			

Standard Error Tables for F.2, F.3, and F.4.

Table F.2		T	TE	OFT	PD	T	TE	OFT	PD	T	TE	OFT	PD	T	TE	OFT	PD
Men, 2005		4292	713	1314	616	2011	682	495	4	4239	1737	761	8	10542	3132	2570	628
SE		0	0	0	0	62	45	38	2	231	134	87	5	239	142	95	5
Women, 2005		427	220	735	148	532	337	532	2	1373	693	792	41	2332	1250	2059	191
SE		0	0	0	0	32	24	47	2	106	68	100	24	111	72	111	24
Total, 2005		4719	933	2049	764	2544	1019	1027	7	5612	2429	1553	48	12874	4382	4629	819
SE		0	0	0	0	78	59	73	3	310	184	162	24	320	193	177	25
Table F.3		T	TE	OFT	PD												
Men, 2005		525	113	97	35												
SE		5	2	2	1												
Women, 2005		79	66	66	16												
SE		1	1	2	1												
Total, 2005		604	179	163	51												
SE		5	3	3	2												
Table F.4		<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	>69						
Total PhD Math		1	8	10	13	14	15	14	13	8	4						
SE		0	0	0	0	0	0	0	0	0	0						
Total MA Math		3	9	16	12	15	13	12	13	5	3						
SE		0	1	1	1	1	1	1	1	1	0						
Total BA Math		2	10	13	16	13	13	15	12	4	1						
SE		0	1	1	1	1	1	1	1	1	0						

Standard Error Tables for F.5 and F.6.

Table F.5	Asian	Black	Mex Am	White	Oth/Ukn	Table F.6	Asian	Black	Mex Am	White	Oth/Ukn
PhD Math						PhD Math					
FT Men	12%	1%	2%	66%	1%	PT Men	4%	2%	0%	50%	6%
SE	0	0	0	0	0	SE	1	0	0	1	1
FT Women	3	0	1	14	0	PT Women	3	0	0	31	2
SE	0	0	0	1	0	SE	1	0	0	1	0
MA Math						MA Math					
FT Men	10	3	2	54	2	PT Men	3	2	2	46	7
SE	1	1	0	1	0	SE	1	1	1	2	1
FT Women	4	1	2	22	1	PT Women	2	3	1	33	3
SE	2	1	1	2	0	SE	2	1	1	2	0
BA Math						BA Math					
FT Men	6	2	2	57	2	PT Men	3	3	2	44	8
SE	1	1	1	1	0	SE	2	1	1	2	1
FT Women	3	1	1	25	1	PT Women	1	2	1	31	6
SE	1	1	0	2	1	SE	1	1	1	2	0
PhD Stat						PhD Stat					
FT Men	18	1	1	55	2	PT Men	11	2	1	44	12
SE	1	0	0	1	0	SE	2	1	1	3	3
FT Women	7	1	0	16	0	PT Women	1	0	0	23	5
SE	2	1	0	2	0	SE	3	0	0	3	0

Standard Error Table for FY.1

Table FY.1	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Math Lib Arts	18 36 43	19 13 16	5 4 4	28 38 32	25 3 0	11 10 9	46 34 25
SE	3 6 6	4 4 4	2 2 2	4 6 7	5 2 0	5 5 4	3 2 1
Fin Math	17 49 31	32 28 14	7 4 4	12 17 55	23 0 0	16 6 0	74 34 23
SE	4 8 5	4 7 8	2 3 3	3 6 8	5 0 0	5 6 0	6 2 2
Bus Math (N-C)	14 30 36	20 23 30	9 5 11	21 41 32	43 2 0	2 3 3	47 34 26
SE	2 4 11	6 9 10	3 4 7	4 10 10	6 1 0	1 2 2	6 3 2
Math Elem Tch	19 45 59	38 24 24	10 2 3	22 24 12	14 1 0	6 6 6	29 27 22
SE	2 5 6	4 7 6	2 1 1	3 6 3	3 1 0	2 3 3	1 1 1
College Algebra	4 24 34	25 36 31	3 5 3	21 26 29	44 6 0	6 7 5	46 41 27
SE	1 6 6	3 10 8	1 3 1	3 6 5	4 4 0	2 3 2	3 3 2
Trigonometry	10 31 30	26 36 32	3 0 2	19 19 39	43 0 0	2 14 0	37 31 27
SE	3 10 9	8 11 14	1 0 2	4 9 15	7 0 0	1 10 0	2 2 2
Col A&T (comb)	6 26 61	45 8 29	10 2 8	19 36 11	29 30 0	1 0 0	57 28 25
SE	2 10 20	7 6 20	3 2 8	5 7 3	5 11 0	1 0 0	8 2 1
El Fncns, Precal	7 32 43	22 21 22	8 3 0	24 33 35	40 10 0	7 4 0	48 31 25
SE	2 7 10	4 8 7	2 2 0	3 7 8	5 5 0	3 3 0	3 3 1
Int Math Mod	25 36 11	75 14 78	38 0 22	0 50 11	0 0 0	0 0 0	81 31 20
SE	16 20 9	16 11 11	8 0 16	0 9 8	0 0 0	0 0 0	11 4 2
Total Intro Lev	11 33 41	26 25 24	6 4 4	21 30 30	34 5 0	7 7 4	48 34 25
SE	1 4 4	3 5 3	1 2 1	2 4 4	3 2 0	2 2 1	2 1 1

Standard Error Table for FY.2.

Table FY.2	PhD			MA			BA														
	PhD	MA	BA	PhD	MA	BA	PhD	MA	BA												
Math EI Tchr	14	38	14	36	58	55	10	13	20	3	2	2	25	31	43	15	20	37	29	27	22
SE	4	10	5	7	10	9	3	5	9	2	1	1	6	7	9	2	3	5	1	1	1
College Algebra	47	41	47	4	13	3	18	3	5	18	6	7	4	3	3	71	63	62	46	41	27
SE	8	10	9	2	8	2	6	1	4	5	3	4	2	1	2	9	10	10	3	3	2
Trigonometry	31	51	70	1	18	5	12	0	5	15	0	5	1	7	5	17	6	7	37	31	27
SE	8	13	12	1	11	4	5	0	4	5	0	4	1	5	4	2	1	2	2	2	2
Coll A&T(comb)	32	57	19	4	4	0	2	0	0	12	0	0	0	4	0	18	7	9	57	28	25
SE	9	15	16	4	3	0	1	0	0	5	0	0	0	3	0	4	2	6	8	2	1
EI Fncns, Precal	47	50	77	2	6	13	6	2	11	17	2	4	2	7	9	47	20	25	48	31	25
SE	8	12	8	1	5	7	3	2	8	6	2	2	1	5	7	6	3	6	3	3	1
Intro Math Mod	25	59	48	25	59	44	0	0	59	0	0	4	13	0	56	1	4	3	81	31	20
SE	16	32	32	15	32	32	0	0	24	0	0	4	10	0	25	1	2	2	11	4	2
All in FY.2	39	44	42	7	23	21	12	4	12	10	3	4	6	10	17	169	120	143	44	34	25
SE	5	7	6	1	6	5	3	1	4	2	1	2	1	2	4	13	11	15	2	2	1

Standard Error Table for FY.3

Table FY.3	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Lect/rec	42 72 62	31 16 24	19 3 17	6 2 14	9 0 0	11 11 0	65 29 23
SE	6 9 9	3 8 8	3 2 8	2 1 6	3 0 0	4 8 0	6 3 1
Regular <31	42 78 83	19 5 9	10 1 5	5 5 5	32 4 0	2 7 2	25 24 21
SE	6 7 3	4 4 3	3 1 2	1 2 2	6 4 0	2 5 2	1 1 1
Regular >30	28 71 94	21 16 0	14 6 0	12 8 6	29 0 0	11 5 0	37 34 33
SE	4 6 5	4 6 0	3 3 0	3 3 5	5 0 0	5 2 0	1 2 1
Total MS Calc I	36 73 79	25 12 12	15 4 7	8 6 7	22 1 0	9 7 2	46 29 22
SE	3 5 3	2 4 3	2 1 2	1 2 2	3 1 0	3 3 1	3 1 1
Lect/rec	51 63 79	29 0 18	20 0 4	4 21 0	7 0 0	8 16 4	64 23 19
SE	5 11 13	4 0 13	4 0 3	2 10 0	4 0 0	4 11 3	6 7 2
Regular<31	38 70 96	20 7 4	14 4 4	6 13 0	36 0 0	1 9 0	26 22 20
SE	5 9 3	4 4 3	3 3 3	2 5 0	5 0 0	0.4 6 0	1 1 1
Regular>30	34 78 100	25 12 0	13 12 0	14 4 0	18 0 0	9 6 0	38 31 35
SE	5 9 0	4 7 0	3 7 0	3 4 0	4 0 0	4 3 0	1 2 1
Total MS Calc II	42 73 94	26 8 6	16 7 3	8 10 0	17 0 0	7 9 1	47 25 20
SE	3 6 3	3 3 3	2 3 2	1 4 0	3 0 0	2 3 1	3 2 1
Total MS Calc I&II	38 73 83	25 11 10	15 5 6	8 7 5	20 1 0	9 7 1	46 28 22
SE	2 5 3	2 3 2	2 2 2	1 2 1	3 1 0	3 3 1	2 1 1

Standard Error Table for FY.4

Table FY.4	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Lect/rec	37 69 57	5 9 25	14 39 33	10 6 0	4 0 27	60 5 14	65 29 23
SE	7 19 14	2 6 13	6 15 13	3 6 0	2 0 13	7 2 4	6 3 1
Regular <31	44 66 59	2 27 16	9 10 25	4 1 2	5 19 6	11 8 44	25 24 21
SE	8 12 9	1 10 5	4 8 6	2 1 1	3 7 3	2 2 7	1 1 1
Regular >30	42 36 65	5 18 14	26 4 32	11 0 0	11 10 32	34 17 7	37 34 33
SE	9 11 15	2 10 9	7 3 17	4 0 0	5 5 15	5 3 2	1 2 1
Total MS Calc I	40 52 59	5 20 18	18 12 27	9 2 2	7 11 12	105 30 65	46 29 22
SE	6 9 7	1 7 5	4 5 5	2 1 1	3 4 4	6 3 6	3 1 1
Lect/rec	23 75 64	4 0 25	8 46 43	6 0 0	1 0 28	31 2 3	64 23 19
SE	6 14 17	2 0 16	3 14 17	3 0 0	1 0 16	4 1 1	6 7 2
Regular<31	42 54 47	6 12 15	17 6 31	3 0 2	3 12 4	6 4 15	26 22 20
SE	8 13 11	2 6 8	6 5 8	2 0 2	2 6 3	1 1 3	1 1 1
Regular>30	37 44 86	1 8 28	15 16 57	8 0 0	2 8 28	16 6 1	38 31 35
SE	9 14 10	1 7 20	5 8 21	3 0 0	1 7 20	2 1 1	1 2 1
Total MS Calc II	32 53 52	3 8 17	13 16 34	6 0 2	2 8 9	54 12 19	47 25 20
SE	5 10 10	1 4 7	3 6 8	2 0 2	1 4 4	4 1 3	3 2 1
Total MS Calc I&II	38 52 57	4 16 18	16 14 29	8 1 2	5 10 11	159 42 84	46 28 22
SE	5 9 7	1 6 4	4 5 5	2 1 1	2 4 4	9 4 9	2 1 1

Standard Error Tables for FY.5 and FY.6

Table FY.5	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Lect/recit	16 27 40	33 9 60	13 9 0	11 0 0	11 0 0	29 64 0	72 28 22
SE	4 22 32	8 7 32	4 7 0	4 0 0	3 0 0	10 29 0	9 2 0.3
Reg. <31	7 46 47	24 7 20	4 1 5	12 27 20	36 0 13	20 20 0	26 23 24
SE	3 14 8	7 3 6	2 1 4	4 14 8	9 0 6	12 15 0	1 1 2
Reg. >30	21 40 75	27 27 6	11 8 3	24 31 19	27 0 0	1 2 0	53 39 28
SE	4 8 7	5 9 3	2 6 1	4 8 7	7 0 0	1 1 0	4 3 3
Total NMS Calc I	17 42 51	28 18 19	10 5 4	17 28 19	24 0 10	14 12 0	52 33 25
SE	3 7 8	4 6 5	2 4 3	3 7 7	5 0 6	5 7 0	4 2 2
Total NMS Calc II	25 47 100	31 13 0	9 0 0	20 40 0	22 0 0	1 0 0	56 18 14
SE	6 15 0	7 8 0	3 0 0	5 14 0	5 0 0	1 0 0	5 4 0
Total NMS Calc I&II	18 42 52	29 18 19	10 5 4	18 28 19	23 0 10	12 12 0	53 32 25
SE	3 7 8	4 5 5	2 3 3	3 7 7	4 0 5	5 7 0	4 2 2
Table FY.6	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Lect/recit	60 36 80	4 0 60	10 0 0	8 0 0	5 0 0	26 1 1	72 28 22
SE	9 29 16	2 0 32	4 0 0	3 0 0	3 0 0	3 1 1	9 2 0.3
Reg. <31	45 44 75	1 2 0	1 0 7	1 0 5	1 0 1	5 5 20	26 23 24
SE	13 16 11	1 2 0	1 0 4	1 0 3	1 0 1	1 2 6	1 1 2
Reg. >30	31 47 35	6 9 6	7 0 0	6 0 13	4 7 6	30 15 5	53 39 28
SE	9 13 20	2 8 6	3 0 0	3 0 11	2 5 6	4 3 2	5 3 3
Total NMS Calc I	43 45 68	4 6 3	7 0 6	6 0 6	4 4 2	61 21 26	52 33 25
SE	6 10 11	1 5 2	2 0 3	2 0 4	1 3 1	5 3 6	4 2 2

Standard Error Tables for FY.7 and FY.8

Table FY.7	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Lec/recit	15 13 41	58 14 17	32 9 0	14 63 34	9 0 0	4 9 8	70 37 22
SE	8 0.4 8	15 12 7	10 8 0	6 20 8	5 0 0	3 8 4	21 0 3
Reg. < 31	1 35 61	51 28 8	22 4 3	14 31 29	33 6 0	0 0 2	24 26 24
SE	1 13 6	14 15 3	11 3 2	4 11 6	13 5 0	0 0 1	0.4 2 1
Reg. > 30	31 53 54	25 20 13	5 2 5	12 22 27	26 1 0	6 3 6	48 41 36
SE	5 6 8	6 6 6	2 2 4	5 8 7	2 1 0	4 3 6	3 1 1
Tot. El Stat	21 45 57	38 21 10	14 3 3	13 28 29	24 2 0	4 3 4	46 37 27
SE	5 5 4	8 6 3	6 2 1	3 7 4	6 1 0	2 2 2	5 1 1
Tot P&S (N-C)	25 53 15	29 17 27	2 5 4	37 25 58	10 0 0	0 6 0	49 33 23
SE	13 9 7	13 4 15	1 3 4	8 9 16	6 0 0	0 3 0	6 1 2
Tot both	21 47 53	37 20 12	13 4 3	17 27 32	22 2 0	3 4 3	47 36 26
SE	5 5 5	8 5 3	5 2 1	4 6 4	5 1 0	2 2 2	4 1 1
Table FY.8	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA	PhD MA BA
Lec/recit	0 33 62	0 67 62	69 67 92	0 0 0	0 0 65	7 1 5	70 37 22
SE	0 28 23	0 28 23	14 28 4	0 0 0	0 0 22	2 1 4	21 0 3
Reg. < 31	0 59 29	3 27 31	57 35 58	0 7 4	0 25 20	3 4 47	24 26 24
SE	0 15 10	3 12 11	14 12 11	0 5 3	0 12 12	1 1 11	1 2 1
Reg. > 30	36 39 52	24 12 26	17 40 64	0 1 3	12 6 2	14 20 23	48 41 36
SE	13 18 15	10 6 15	8 15 12	0 1 3	7 4 2	3 6 6	3 1 1
Tot. El Stat	21 43 37	14 21 33	36 41 62	0 2 4	7 10 20	23 24 74	46 35 27
SE	9 14 8	6 6 8	10 12 8	0 2 2	4 4 9	4 6 11	5 2 1
Tot P&S (N-C)	19 3 35	8 0 79	85 13 61	0 0 0	19 0 53	4 7 7	49 33 23
SE	12 3 14	6 0 15	9 11 15	0 0 0	12 0 18	1 2 5	6 1 2
Tot both	21 34 37	13 16 37	43 35 62	0 2 3	8 7 23	27 31 81	43 32 26
SE	8 13 8	5 5 8	9 10 8	0 2 2	4 3 8	4 6 11	4 3 1

Standard Error Tables for FY.9 and FY.10

Table FY.9	PhD	MA	PhD	MA	PhD	MA	PhD	MA	PhD	MA	PhD	MA
Lect/Recit	18	26	21	63	8	0	16	11	20	0	25	0
SE	5	10	3	15	2	0	5	7	5	0	12	0
Reg <31	31	40	8	60	8	60	8	0	28	0	24	0
SE	6	0	2	0	2	0	2	0	11	0	5	0
Reg > 30	18	58	11	20	10	4	18	17	48	0	5	5
SE	6	5	4	4	4	3	7	2	15	0	3	4
Tot EI Stat	19	46	17	37	9	6	16	14	30	0	18	3
SE	4	8	2	10	2	4	4	3	7	0	8	2
Prob&Stat	41	25	19	63	13	63	0	0	28	0	13	13
SE	14	7	8	3	4	3	0	0	7	0	4	10
Tot EIStat& P&S	20	44	17	39	9	11	16	13	29	0	18	4
SE	4	8	2	10	2	7	4	4	7	0	8	2
Stat Lit	13	0	22	67	12	33	10	33	20	0	35	0
SE	6	0	5	12	5	12	5	12	9	0	18	0
Total, FY.9	19	43	17	40	9	12	14	13	27	0	23	4
SE	4	8	2	10	2	7	3	3	7	0	10	2
Table FY.10	PhD	MA	PhD	MA	PhD	MA	PhD	MA	PhD	MA	PhD	MA
Lect/Recit	10	0	37	74	56	74	28	15	29	41	22	7
SE	5	0	6	18	6	18	11	9	8	23	2	3
Reg <31	2	0	24	0	82	100	20	80	20	0	0	0
SE	1	0	14	0	10	0	13	0	13	0	0	0
Reg > 30	2	0	62	48	43	67	0	2	6	48	9	4
SE	1	0	14	13	16	6	0	2	4	13	2	2
Tot EI Stat	7	0	44	54	54	71	18	11	20	43	31	11
SE	3	0	7	10	7	7	8	6	6	12	3	2

Standard Error Tables for TYE.1, TYE.2, TYE.3, TYE.4, TYE.5, and TYE.6.

Table TYE.1	See NCES	Table TYE.2	1739	SE = 77	Table TYE.4	SE	Table TYE.5	SE	SE			
Table TYE.3	2005	SE	2005	SE	Precoll	964	Arith	48	5	Disc Math	22	4
Arith	104	13	NMS-Calc I	21	2	321	Pre-alg	47	5	EI Stat	80	4
Pre-alg	137	16	NMS-Calc II	1	0.2	107	EI Alg	80	4	Prob	8	3
EI alg (HS)	380	22	DEq	4	0.4	118	Int Alg	88	3	Fin Math	35	4
Int alg(HS)	336	20	Lin Alg	3	0.5	186	Geom	24	4	Math Lib Arts	65	5
Geom(HS)	7	1	Disc Math	2	0.4	1696	Coll Alg	79	4	Math EI Tchrs	66	5
Intro lev			EI Stat(no Pr)	111	8	Table TYE.6						
Col alg	206	20	Pr (w/wo St)	7	3	82	MS Calc I	17	3	Bus Math (Tr)	17	3
Trig	36	3	Fin Math	22	4	25	DEq	7	3	In Math Mod	36	5
Col A&T	14	4	Math Lib Arts	59	7	19	Lin Alg	60	5	Precalc/EI F	7	2
In Math Mod	7	3	Math EI Tchrs	29	3	12	Disc Math	87	3	MS Calc I	3	
Precalc/EI F	58	7	Bus Math(cmb)	26	5	78	EI Stat	78	4	MS Calc II	4	
Calc level			Tech Math (NC)	16	4	28	Fin Math	70	4	MS Calc III	4	
MS Calc I	51	3	Tech Math (C)	1	0.4	56	Math Lib Arts	46	5	NMS-Calc I	5	
MS Calc II	19	1	Other	28	7	59	Math EI Tchrs	6	2	NMS-Calc II	2	
MS Calc III	11	1	Tot TYC Math	1696	75	35	Tech Math (NC)	58	5	DEq	5	
						5	Tech Math (C)	41	5	Lin Alg	5	

Standard Error Table for TYE.10

Table TYE.10	Graph calc	SE	Writing	SE	Cmptr	SE	Group	SE	On-line	SE	Std Lect	SE	# Sect	SE
Arith	2	1	3	1	13	4	9	4	14	4	64	6	4400	544
Pre-alg	5	3	9	3	18	5	9	3	7	2	74	5	5954	715
El Alg	17	4	7	2	14	3	8	2	11	2	74	4	15331	1022
Int Alg	32	4	8	2	13	3	9	2	11	2	77	3	12773	771
Geom(HS)	33	19	25	12	23	16	15	6	0	0	68	12	356	74
Col Alg	60	6	17	5	8	2	14	3	14	4	74	4	7866	749
Trig	67	5	14	5	3	1	16	4	7	4	81	5	1529	137
Col A&T	53	14	8	3	25	13	10	3	13	5	78	7	654	174
Math mod	80	12	38	13	17	7	59	12	6	4	64	16	248	97
Precalc	75	8	14	4	9	4	21	5	6	2	76	8	2601	369
MS Calc I	79	4	19	3	20	3	19	3	5	1	81	4	2226	138
MS Calc II	81	4	18	3	30	4	25	4	7	2	86	3	1054	78
MS Calc III	74	5	16	4	28	5	20	4	4	2	83	5	693	55
NMS Calc I	77	5	14	4	9	3	14	3	3	1	76	5	883	103
NMS Calc II	40	17	21	16	0	0	27	16	0	0	89	8	40	11
DEq	81	7	11	5	27	6	21	7	5	3	93	6	290	33
Lin Alg	60	8	18	6	29	7	14	5	0	0	68	9	204	31
Disc Math	47	12	39	12	33	11	23	11	0	0	82	7	123	27
El Stat	73	5	44	5	45	5	24	4	10	3	85	3	3872	270
Prob	83	11	55	13	49	10	50	15	0	0	68	7	270	125
Fin Math	55	9	17	6	19	10	11	5	3	2	68	8	844	146
Math Lib Arts	33	6	36	5	7	2	25	5	6	2	79	5	2232	244
Math Elem Tchrs	21	7	52	12	13	5	48	11	3	2	48	11	1665	401
Bus Math(NT)	6	4	2	2	18	9	1	1	0	0	87	5	539	167
Bus Math(T)	18	10	7	5	7	3	6	5	2	2	24	14	1430	864
Tech Math(NC)	39	8	4	2	5	3	5	2	5	3	72	7	863	170
Tech Math(C)	63	16	17	12	21	12	30	15	0	0	83	12	64	20
Other	27	9	10	4	5	2	7	3	6	3	63	10	1193	249

Standard Error Tables for TYE.12, TYE.13, TYE.14, TYE.15, and TYE.16.

Table TYE.12						Table TYE.13			Table TYE.14		2005	SE
Arithmetic	104	13	NMS Calc I	21	2	Diag Tests	96	3	CAI	75	4	
Pre-algebra	137	16	NMS Calc II	1	0.2	Math Lab	95	3	Software	72	5	
EI Alg (HS)	380	22	D Eq	4	0.4	Advising	40	5	Internet	77	4	
Int Alg (HS)	336	20	Lin Alg	3	0.5	Contests	37	4	Media	68	5	
Geom (HS)	7	1	Discr Math	2	0.4	Honors	24	4	Study Sess	62	5	
Col Alg	206	20	EI Stat	111	8	Club	22	4	Tutor/students	94	2	
Trig	36	3	Prob	7	3	Minority Prog	15	3	Tutor/parapr	67	5	
Coll A&T	14	4	Fin Math	22	4	Colloq	6	2	Tutor/PT	48	5	
Math Model	7	3	Math Lib Arts	59	6	Women Prog	7	2	Tutor/FT	51	5	
Precalc	58	7	Math EI Tchrs	29	3	K-12 Outreach	25	4				
MS Calc I	51	3	Bus Math (NT)	13	2	REU	9	3				
MS Calc II	19	1	Bus Math (T)	14	3	Indep Stud	38	5				
MS Calc III	11	1	Tech Math (NC)	16	4	Other	4	1				
			Tech Math (C)	1	0.4							
Table TYE.15			Table TYE.16			Bus		LC	Other		2005	SE
Arith/Pre Alg	60	15	Arith/Pre Alg	0.9	0.5	0.7	0.4	9	4	50	15	
EI Alg (HS)	65	27	EI Alg (HS)	0.7	0.3	0.1	0.1	5	3	59	26	
Int Alg (HS)	26	10	Int Alg (HS)	0	0	0	0	3	2	22	10	
Bus Math	15	2	Bus Math	0.5	0.3	14	2	0	0	0.6	0.4	
Stat & Prob	12	2	Stat & Prob	0.5	0.5	8	2	0	0	4	1	
Tech Math	10	3	Tech Math	8	3	0.1	0.1	0	0	1	0.9	
Total	188	44	Total	11	3	23	3	17	8	137	43	

Standard Error Tables for TYF.1, TYF.2, TYF.3, TYF.4, TYF.5, and TYF.6.

Table TYF.1	2005	SE	Table TYF.2	<10	10 to 12	13 to 15	16 to 18	19 to 21	>21			
FT Perm	8793	398	% TYC	0	6	79	8	4	3			
FT Temp	610	163	SE	0	2	4	2	2	2			
PT(by TYC)	18227	900	Avg CH	SE	Extra	SE	Hrs	SE	Other	SE		
PT(by other)	1915	509	15.3		52.5	2.9	3.6	0.1	7.6	1.2		
Table TYF.3	2005	SE	Table TYF.5	PhD	MA	BA	Table TYF.4				2005	SE
HS	25%	3	Math	8	61	1	PhD	16	2			
Other TYC	2	0.4	SE	2	2	0.6	MA	82	2			
Other dept	5	1	Stat	0.3	2	0	BA	2	0.8			
4-yr coll	2	0.3	SE	0.2	0.5	0	# FT	8793	398			
Indust	14	2	Math Ed	4	14	0	Table TYF.6				2005	SE
Grad Sch	3	0.4	SE	1	1.5	0	PhD	6	1			
None above	49	4	Other	3	5	1	MA	72	2			
# PT	18227	900	SE	1	1	0.4	BA	22	2			
			Total	16	82	2	# PT	20142	1066			
			SE	2	2	1						

Standard Error Tables for TYF.7, TYF.8, TYF.9, TYF.10, TYF.11, TYF.12, TYF.13 and TYF.14.

Table TYF.7		PhD	SE	MA	SE	BA	SE	Total	SE	Table TYF.10		SE
Math	2	0.3	36	3	11	1.4	1.4	49%	3	%FTP Minority	14	1
Math Ed	0.6	0.2	20	3	7	1.5	1.5	27%	3	#FTP Minority	1198	114
Stat	0	0	2.5	0.5	0	0	0	3%	0.4	# FTP	8793	398
Other	3	0.5	14	2	4	1	1	21%	2			
Total	6	xxx	72	2	22	2	2					
Table TYF.8		2005	SE	Table TYF.9		FT Perm	SE	PT	SE	Table TYF.14		SE
Men	4420	231	1.4	50	50	1.4	1.4	53	1.3	% Minority PT	16	1
Women	4373	256	1.4	50	50	1.4	1.4	47	1.3	# PT	18227	900
Total	8793	398	398	8793	8793	398	398	18227	900			
Table TYF.11		2005	SE	Table TYF.12		# FT	SE	Table TYF.13		% among FTP	% among <40	
Am In	0.3	0.2	27	16	27	16	0.3	0.2	0	Minority	14	23
Asian	6	1	538	83	538	83	6	1	52	SE	1	3
Black	5	0.7	413	63	413	63	5	0.7	47	White	84	76
Mex Am	3	0.5	280	41	280	41	3	0.5	43	SE	1	3
White	84	1.3	7353	376	7353	376	84	1	51	Unknown	2	1
Ukn	2	0.7	182	59	182	59	2	0.7	34	SE	0.7	0.6
# FT	8793	398	8793	398	8793	398						

Standard Error Tables for TYF.15, TYF.16, TYF.17, TYF.18, TYF.19, TYF.20, TYF.21, and TYF.22.

Table TYF.15		% Ethnic		% Women				Table TYF.18		Table TYF.21		Table TYF.22	
	SE	2005	SE	2005	SE	2005	SE		2005%	SE	2005	SE	SE
Am Ind	0.6	0.3	11	18	11	Grad Sch	5	<30	23	5	22	6	
Asian	5.7	0.7	4	46	4	4-yr Coll	5	30-34	18	5	20	5	
Black	6.5	1	4	47	4	TYC	3	35-39	11	3	17	5	
Mex Am	2.9	0.6	7	45	7	Sec Sch	4	40-44	13	4	15	5	
White	81	1.7	1	48	1	PT at TYC	5	45-49	29	5	15	5	
Unknown	2.9	0.7	7	45	7	Nonacademic	3	50-54	5	3	5	2	
Total	18227	900		45	7	Unemployed	0	55-59	0	0	0	0	
Table TYF.16		SE		2005		SE		2005-2006		SE		SE	
<30	5	1	83	478	83	# hired	605		66				
30-34	8	1	87	716	87	Table TYF.19		SE		SE		SE	
35-39	12	1	89	1037	89	PhD	12	4	4	Dies/Ret	292	56	
40-44	13	1	99	1163	99	MA	84	5	5	To 4 yr Coll	9	4	
45-49	15	1	114	1298	114	BA	5	3	3	To TYC	14	9	
50-54	18	1	141	1574	141	Ukn	0	0	0	To Sec Sch	2	2	
55-59	17	1	126	1528	126	Table TYF.20		SE		SE		SE	
>59	11	1	103	999	103	Asian	7	3	3	% Women	49	23	
Total			398	8793	398	Black	1	1	1		100	0	
Table TYF.17		Women		Men		% Women		SE		SE		SE	
<35	7	1	1	7	1	MexAm	11	4	4	Other	107	35	
35-44	13	1	1	12	1	White	80	5	5	Unknown	7	5	
45-54	18	1	1	15	1	Other	1	1	1	Total	439	63	
>54	12	1	1	16	1	Table TYF.21		SE		SE		SE	
Total	50%			50%		Asian	7	3	3	% Women	49	23	
						Black	1	1	1		100	0	
						MexAm	11	4	4		62	19	
						White	80	5	5		52	6	
						Other	1	1	1		31	13	

Standard Error Tables For TYF.23, TYF.24, TYF.25, TYF.26, TYF.27, and TYF.30. (Tables for TYF.28 and TYF.29 are separate.)

Table TYF.23	2005	SE	Table TYF.24	% PT	SE	Table TYF.25	% in 05	SE
Own Desk	5	2	In Office	63	5	All FT	89	3
Share with 1	7	2	Nearby	35	4	All PT	89	3
Share more	65	4	None	2	0.6			
None	23	4						
Table TYF.26	PT	SE	FT	SE	Table TYF.27	% PermFT	SE	
Other Fac	64	5	52	5	Employer	53	1	
Div Head	33	5	61	5	Prof Assoc	38	1	
Students	94	3	96	2	Publish	6	0.7	
Lesson Plans	49	5	55	5	Grad Study	7	1	
Self-eval	19	4	46	5				
Other	0	0	5	2				
TYF.28:	See	Later	Std	Error	Table			
TYF.29:	See	Later	Std	Error	Table			
Table TYF.30	Own Campus	SE	Multicampus	SE				
Math Dept	39	4	2	1				
Math & Sci	35	5	1	0.7				
Other Str	15	4	2	1				
None Above	6	3						

Standard Error Tables for TYF.28 and TYF.29.

Table TYF.28	Minor/None	SE	Somewhat	SE	Major	SE
Maintaining vitality	77	4	21	4	2	2
Dual-enrollment	74	5	21	4	5	3
Staffing statistics courses	88	3	9	3	3	2
Students misunderstand coll wk	10	3	35	5	55	5
PT faculty for too many courses	38	5	32	4	30	4
Faculty salaries too low	32	4	46	5	22	4
Class sizes too large	72	4	23	4	5	2
Low student motivation	20	4	31	5	50	5
Remediation	8	3	28	5	63	5
Lack of student progress	29	5	37	5	34	4
Low success rate	58	5	35	5	7	2
Too few transfers	73	4	23	4	4	2
Inadequate travel funds	56	5	22	4	22	4
Inadequate classroom technology	74	4	14	3	12	4
Inadequate computers for PT	72	4	18	4	9	3
Inadequate computers/students	89	3	10	3	1	1
Commercial outsourcing	98	2	2	2	0	0
Heavy classroom duties prevent	47	5	39	5	14	4
Coordinating with high schools	77	4	17	4	7	3
Lack of curricular flexibility	77	4	17	4	7	3
Use of distance education	83	4	11	3	6	2
Table TYF.29	cf TYF.28					