

Appendix B: Data Analyzed from the Fall 2004 Students with Children Survey

Charts A and B present results from the "One Question Survey" of all graduate and professional students, as well as undergraduate students with dependents shown on their financial aid form.

A. How many people responded to the first survey? (The survey was sent to 15,901 students.)		
	n = 15,901	Percentage
Responded	5280	33.2%

B. Of those who responded to the first survey, how many had kids under 18 years old or over 18 with special needs or were expecting?		
	n = 5280	Percentage
Yes	1286	24.4%
No	3994	75.6%

Charts 1a through 9b present results from the second survey, which went to those students who indicated on the "One Question Survey" that they had, or were expecting, a child.

1a. What is your marital status?		
	n = 1016	Percentage
Married	864	85.0%
Divorced, separated, or widowed	69	6.7%
Never Married	55	5.4%
Unmarried, but have a same-sex or opposite sex partner	25	2.4%
Didn't answer	3	0.3%

1b. Is your spouse/partner also an UM student?		
	Out of 931 respondents†	
	n	Percentage
No	847	91.0%
Yes	84	9.0%

† 8.4% of survey respondents did not answer this question

1c. Does your spouse/partner work for pay outside the home?		
Out of 909 respondents†		
	n	Percentage
No, my spouse/partner does not work outside the home	320	35.2%
Yes, my spouse/partner works for pay outside the home between 40-49 hours/week	267	29.4%
Yes, my spouse/partner works for pay outside the home between 30-39 hours/week	76	8.4%
Yes, my spouse/partner works for pay outside the home between 20-29 hours/week	56	6.2%
Yes, my spouse/partner works for pay outside the home between 50-59 hours/week	54	5.9%
Yes, my spouse/partner works for pay outside the home between 60 or more hours/week	48	5.3%
Yes, my spouse/partner works for pay outside the home between 1-9 hours/week	44	4.9%
Yes, my spouse/partner works for pay outside the home between 10-19 hours/week	44	4.9%

† 10.5% of survey respondents did not answer this question

2. How many children do you have responsibility for? Please count children under 18 and older children if they have special needs. If you or your spouse/partner is currently pregnant, please include that children) in your count as well.		
	n = 1016	Percentage
One	540	53.1%
Two	332	32.7%
Three	91	9.0%
Four	37	3.6%
Five	7	0.7%
Six	6	0.6%
Seven	1	0.1%
Eight	0	0.0%
More than eight	1	0.1%
Didn't answer	1	0.1%

3. Please provide the birth month and 4-digit year for each of the children counted in Question 2. If you or your spouse is pregnant, indicate the month and year of anticipated due date.

Note: Due to a technical problem, birthdate information was invalid for second and subsequent children. Therefore, analyses were done separately based on the number of children the student reported.

Of those respondents reporting one child (540 respondents), the age of the one child ranged from:*

	n = 540	Percentage
Under 1	178	33.0%
1 - under 3	144	26.7%
3 - under 5	48	8.9%
5 - under 10	42	7.8%
10 - under 14	14	2.6%
14 - 18	18	3.3%
over 18	4	0.7%
Didn't answer	92	17.0%

*Birthdates as of February 2005

Of those respondents reporting two children (332 respondents), the ages of the one birthdate captured ranged from:*

	n = 332	Percentage
Under 1	3	0.9%
1 - under 3	51	15.4%
3 - under 5	68	20.5%
5 - under 10	101	30.4%
10 - under 14	33	10.0%
14 - 18	22	6.6%
over 18	3	0.9%
Didn't answer	51	15.4%

*Birthdates as of February 2005

Of those respondents reporting three children (91 respondents), the ages of the one birthdate captured ranged from:*

	n = 91	Percentage
Under 1	0	0.0%
1 - under 3	0	0.0%
3 - under 5	13	14.2%
5 - under 10	26	28.6%
10 - under 14	9	10.0%
14 - 18	14	15.4%
over 18	7	7.7%
Didn't answer	22	24.2%

*Birthdates as of February 2005

Of those respondents reporting four children (37 respondents), the ages of the one birthdate captured ranged from:*		
	n = 37	Percentage
Under 1	2	5.4%
1 - under 3	0	0.0%
3 - under 5	2	5.4%
5 - under 10	11	29.7%
10 - under 14	7	18.9%
14 - 18	5	13.5%
over 18	0	0.0%
Didn't answer	10	27.0%

*Birthdates as of February 2005

Of those respondents reporting five, six, seven, eight, or more than eight children (15 respondents), the ages range from:*		
	n = 15	Percentage
Under 1	0	0.0%
1 - under 3	0	0.0%
3 - under 5	0	0.0%
5 - under 10	2	13.3%
10 - under 14	4	26.7%
14 - 18	6	40.0%
over 18	1	6.7%
Didn't answer	2	13.3%

*Birthdates as of February 2005

The following chart represents a different way of looking at the data for question 3.

Of those respondents reporting two or more children (475 respondents), the ages of the one birthdate captured ranged from:*		
	n = 475	Percentage
Under 1	5	1.1%
1 - under 3	51	10.7%
3 - under 5	83	17.4%
5 - under 10	140	29.5%
10 - under 14	53	11.1%
14 - 18	47	9.9%
over 18	11	2.3%
Didn't answer	85	17.9%

*Birthdates as of February 2005

4. How many children currently live with you? (Some or all of the time)		
	n = 1016	Percentage
One	528	52.0%
Two	326	32.1%
Three	90	8.9%
Four	38	3.7%
Five	7	0.7%
Six	6	0.6%
Seven	1	0.1%
More than eight	1	0.1%
Eight	0	0.0%
Didn't answer	19	1.9%

5. So we can better serve students living in different areas, please identify the approximate location of your residence:		
	n = 1016	Percentage
UM North Campus	228	22.4%
Town/city up to 30 minutes east of Ann Arbor (e.g., Ypsilanti, Belleville)	125	12.3%
Detroit or its surrounding suburbs	123	12.1%
West side of City of Ann Arbor	115	11.3%
Town/city not represented by any of the categories above	105	10.3%
South side of City of Ann Arbor	93	9.2%
North side of City of Ann Arbor	66	6.5%
East side of City of Ann Arbor	49	4.8%
Town/city up to 30 minutes north of Ann Arbor (e.g., Whitmore Lake, Pinkney, Brighton)	34	3.3%
Town/city up to 30 minutes west of Ann Arbor (e.g., Dexter, Chelsea)	27	2.7%
UM Central Campus (this includes the Medical Campus)	26	2.6%
Town/city up to 30 minutes south of Ann Arbor (e.g., Saline, Milan)	23	2.3%
Didn't answer	2	0.2%

6a. What is primary child care arrangement you use? If you have more than one child and their primary child care arrangements differ, you may choose more than one option.*		
	Out of 891 respondents †	
	n	Percentage
Unpaid care by yourself, your spouse/partner, family and/or friends	512	57.5%
Licensed and paid care at a non-UM child care center	193	21.7%
Licensed and paid care in someone else's home	74	8.3%
Licensed and paid care at a Before/After-School program	72	8.1%
Older child cares for him/herself and possibly also for younger sibling's)	74	8.3%
Licensed and paid care at a UM child care center	59	6.6%
Unlicensed but paid care in your home	57	6.4%
Unlicensed but paid care in someone else's home	38	4.3%
Other forms of paid care	38	4.3%

* Responses add to more than 100% due to multiple response option

† 12% of survey respondents did not answer this question

6b. Do you use summer camp programs as a form of child care during any of the summer months?		
	Out of 938 respondents†	
	n	Percentage
No	732	78.0%
Yes	206	22.0%

† 7.7% of survey respondents did not answer

7a. If you could choose a different primary child care arrangement, what would you prefer to arrange? If you have more than one child and their primary child care arrangements differ, you may choose more than one option.*		
	Out of 856 respondents †	
	n	Percentage
Happy with current arrangements	637	74.4%
Licensed and paid care at a UM child care center	164	19.2%
Unpaid care by yourself, your spouse/partner, family and/or friends	96	11.2%
Licensed and paid care at a non-UM child care center	35	4.1%
Licensed and paid care at a Before/After-School program	33	3.9%
Unlicensed but paid care in your home	28	3.3%
Licensed and paid care in someone else's home	23	2.7%
Other forms of paid care	20	2.3%
Older child cares for him/herself and possibly also for younger sibling's)	16	1.9%
Unlicensed but paid care in someone else's home	5	0.6%

* Responses add to more than 100% due to multiple response option

† 16% of survey respondents did not answer this question

The following set of charts represents a different way of looking at the data for question 6a.

Of those respondents whose primary child care arrangement is unpaid child care by yourself, your spouse/partner, family, and/or friends, if they could choose a different primary child care arrangement, they would choose:		
	n = 512	Percentage
Happy with current arrangements	329	64.30%
Licensed and paid care at a UM child care center	75	14.60%
Unpaid care by yourself, your spouse/partner, family, and/or friends	27	5.30%
Licensed and paid care at a non-UM child care center	24	4.70%
Licensed and paid care in someone else's home	19	3.70%
Licensed and paid care at a Before/After school program	18	3.50%
Unlicensed but paid care in your home	8	1.60%
Other forms of paid care	6	1.20%
Unlicensed but paid care in someone else's home	3	0.60%
Older child cares for him/herself and possibly also for younger sibling's	3	0.60%

Of those respondents whose primary child care arrangement is unlicensed but paid care in your home, if they could choose a different primary child care arrangement, they would choose:		
	n = 57	Percentage
Happy with current arrangements	29	50.9%
Licensed and paid care at a UM child care center	8	14.0%
Unpaid care by yourself, your spouse/partner, family, and/or friends	6	10.5%
Unlicensed but paid care in your home	4	7.0%
Licensed and paid care at a non-UM child care center	4	7.0%
Licensed and paid care at a Before/After school program	4	7.0%
Licensed and paid care in someone else's home	2	3.5%
Unlicensed but paid care in someone else's home	0	0.0%
Older child cares for him/herself and possibly also for younger sibling's	0	0.0%
Other forms of paid care	0	0.0%

Of those respondents whose primary child care arrangement is unlicensed but paid care in someone else's home, if they could choose a different primary child care arrangement, they would choose:		
	n = 38	Percentage
Happy with current arrangements	14	36.8%
Licensed and paid care at a UM child care center	9	23.7%
Unpaid care by yourself, your spouse/partner, family, and/or friends	8	21.1%
Licensed and paid care in someone else's home	3	7.9%
Unlicensed but paid care in your home	2	5.3%
Licensed and paid care at a non-UM child care center	1	2.6%
Licensed and paid care at a Before/After school program	1	2.6%
Unlicensed but paid care in someone else's home	0	0.0%
Older child cares for him/herself and possibly also for younger sibling's	0	0.0%
Other forms of paid care	0	0.0%

Of those respondents whose primary child care arrangement is licensed and paid care in someone else's home, if they could choose a different primary child care arrangement, they would choose:		
	n = 74	Percentage
Happy with current arrangements	45	60.8%
Unpaid care by yourself, your spouse/partner, family, and/or friends	12	16.2%
Licensed and paid care at a UM child care center	8	10.8%
Unlicensed but paid care in your home	3	4.1%
Licensed and paid care in someone else's home	2	2.7%
Other forms of paid care	2	2.7%
Unlicensed but paid care in someone else's home	1	1.4%
Licensed and paid care at a non-UM child care center	1	1.4%
Licensed and paid care at a Before/After school program	0	0.0%
Older child cares for him/herself and possibly also for younger sibling's	0	0.0%

Of those respondents whose primary child care arrangement is licensed and paid care at a UM child care center, if they could choose a different primary child care arrangement, they would choose:

	n = 59	Percentage
Happy with current arrangements	46	78.0%
Licensed and paid care at a UM child care center	4	6.8%
Unpaid care by yourself, your spouse/partner, family, and/or friends	3	5.8%
Unlicensed but paid care in your home	2	3.4%
Licensed and paid care at a Before/After school program	2	3.4%
Older child cares for him/herself and possibly also for younger sibling's	1	1.7%
Other forms of paid care	1	1.7%
Unlicensed but paid care in someone else's home	0	0.0%
Licensed and paid care in someone else's home	0	0.0%
Licensed and paid care at a non-UM child care center	0	0.0%

Of those respondents whose primary child care arrangement is licensed and paid at a non-UM child care center, if they could choose a different primary child care arrangement, they would choose:

	n = 193	Percentage
Happy with current arrangements	109	56.5%
Licensed and paid care at a UM child care center	45	23.3%
Unpaid care by yourself, your spouse/partner, family, and/or friends	23	11.9%
Licensed and paid care at a non-UM child care center	7	3.6%
Unlicensed but paid care in your home	3	1.6%
Licensed and paid care at a Before/After school program	3	1.6%
Unlicensed but paid care in someone else's home	1	0.5%
Older child cares for him/herself and possibly also for younger sibling's	1	0.5%
Other forms of paid care	1	0.5%
Licensed and paid care in someone else's home	0	0.0%

Of those respondents whose primary child care arrangement is licensed and paid care at a Before/After-School program, if they could choose a different primary child care arrangement, they would choose:

	n = 72	Percentage
Happy with current arrangements	44	61.1%
Unpaid care by yourself, your spouse/partner, family, and/or friends	10	13.9%
Licensed and paid care at a Before/After school program	5	6.9%
Unlicensed but paid care in your home	4	5.6%
Licensed and paid care at a UM child care center	3	4.2%
Older child cares for him/herself and possibly also for younger sibling's	3	4.2%
Licensed and paid care at a non-UM child care center	2	2.8%
Other forms of paid care	1	1.4%
Unlicensed but paid care in someone else's home	0	0.0%
Licensed and paid care in someone else's home	0	0.0%

Of those respondents whose primary child care arrangement is older child cares for him/herself and possibly also for younger siblings, if they could choose a different primary child care arrangement, they would choose:

	n = 74	Percentage
Happy with current arrangements	47	63.5%
Older child cares for him/herself and possibly also for younger sibling's	9	12.2%
Unpaid care by yourself, your spouse/partner, family, and/or friends	5	6.8%
Unlicensed but paid care in your home	5	6.8%
Licensed and paid care at a UM child care center	3	4.1%
Licensed and paid care at a Before/After school program	3	4.1%
Other forms of paid care	2	2.7%
Unlicensed but paid care in someone else's home	0	0.0%
Licensed and paid care in someone else's home	0	0.0%
Licensed and paid care at a non-UM child care center	0	0.0%

Of those respondents whose primary child care arrangement is other forms of paid care, if they could choose a different primary child care arrangement, they would choose:		
	n = 38	Percentage
Happy with current arrangements	16	42.1%
Other forms of paid care	7	18.4%
Licensed and paid care at a UM child care center	6	15.8%
Unpaid care by yourself, your spouse/partner, family, and/or friends	5	13.6%
Unlicensed but paid care in your home	2	7.9%
Licensed and paid care at a non-UM child care center	1	2.6%
Licensed and paid care at a Before/After school program	1	2.6%
Unlicensed but paid care in someone else's home	0	0.0%
Licensed and paid care in someone else's home	0	0.0%
Older child cares for him/herself and possibly also for younger sibling's	0	0.0%

8a. Understanding that many graduate students receive their degree from Rackham, please identify the overall program in which your field of study lies. If you are enrolled in a dual degree program, please answer 8b as well.		
	n = 1016	Percentage
Business	246	24.2%
Literature, Science and the Arts	169	16.6%
Engineering	125	12.3%
Medicine	101	9.9%
Nursing	67	6.6%
Education	63	6.2%
Public Health	48	4.7%
Law	47	4.6%
Social Work	43	4.2%
Dentistry	30	3.0%
Music	15	1.5%
Natural Resources and Environment	15	1.6%
Information	12	1.2%
Kinesiology	8	0.8%
Architecture & Urban Planning	7	0.7%
Pharmacy	5	0.5%
Public Policy	3	0.3%
Art and Design	2	0.2%
Didn't answer	9	0.9%

8b. Please identify your second/dual school or college:		
	Out of 86 respondents*	
	n	Percentage
Literature, Science and the Arts	27	2.7%
Engineering	13	1.3%
Business	9	0.9%
Medicine	7	0.7%
Architecture & Urban Planning	4	0.4%
Public Health	4	0.4%
Social Work	4	0.4%
Law	4	0.4%
Education	3	0.3%
Natural Resources and Environment	3	0.3%
Dentistry	2	0.2%
Nursing	2	0.2%
Public Policy	2	0.2%
Music	1	0.1%
Pharmacy	1	0.1%
Art and Design	0	0.0%
Information	0	0.0%
Kinesiology	0	0.0%
Didn't answer	930	91.5%

* 91.5% of survey respondents did not answer this question

The following chart compares the school distribution of survey respondents to that of general student enrollment across the university.

8a. Understanding that many graduate students receive their degree from Rackham, please identify the overall program in which your field of study lies.						
	Total (n = 986)*	Percentage of Survey Respondents			Percentage of Undergrad Enrollment	Percentage of Graduate/ Professional Enrollment
		All Respondents* (n = 986)	Undergraduate Respondents (n = 90)	Graduate/ Professional Respondents (n = 896)		
Business	246	24.9%	0.0%	24.2%	2.8%	14.3%
Literature, Science and the Arts	169	17.1%	38.9%	15.0%	64.7%	17.2%
Engineering	123	12.5%	12.2%	12.5%	19.2%	18.7%
Medicine	75	7.6%	0.0%	8.4%	0.0%	12.9%
Nursing	67	6.8%	30.0%	4.5%	2.5%	1.6%
Education	63	6.4%	0.0%	7.0%	1.1%	2.5%
Public Health	48	4.9%	0.0%	5.3%	0.0%	5.7%
Law	47	4.8%	0.0%	5.2%	0.0%	8.4%
Social Work	43	4.7%	0.0%	4.2%	0.0%	4.2%
Dentistry	29	3.0%	5.5%	2.6%	0.4%	3.5%
Music	15	1.5%	0.0%	4.8%	3.1%	2.0%
Natural Resources and Environment	15	1.5%	3.3%	1.3%	0.2%	1.5%
Information	11	1.2%	0.0%	1.2%	0.0%	2.0%
Kinesiology	8	0.8%	4.4%	0.4%	3.1%	0.3%
Architecture & Urban Planning	7	0.7%	1.1%	0.7%	0.8%	2.7%
Pharmacy	5	0.5%	0.0%	0.6%	0.3%	1.7%
Public Policy	3	0.3%	0.0%	0.3%	0.0%	0.9%
Art and Design	2	0.2%	2.2%	0.0%	1.8%	0.1%
Didn't answer	9	0.9%	2.2%	0.8%		

Rackham Intercollege was included in Literature, Science and the Arts

* Total n of respondents (1016) reduced to 986 because 30 non degree seeking students were not included.

9a. What degree are you currently working toward? If you are enrolled in a second or dual degree program, please answer 9b well.		
	n = 1016	Percentage
Doctoral degree (Ph.D.)	353	34.70%
Professional degree (e.g., J.D., M.B.A., M.S.W., M.D.)	289	28.4%
Masters degree (e.g., M.A., M.S.)	236	23.2%
Baccalaureate degree (e.g., B.A, B.S.)	90	8.9%
Non degree seeking student	30	3.0%
Post-masters certificate	6	0.6%
Didn't answer	12	1.2%

9b. What is your second/dual degree?		
	Out of 95 respondents*	
	n	Percentage
Masters degree (e.g., M.A., M.S.)	40	3.9%
Doctoral degree (Ph.D.)	24	2.4%
Professional degree (e.g., J.D., M.B.A., M.S.W., M.D.)	17	1.7%
Post-masters certificate	10	1.0%
Baccalaureate degree (e.g., B.A, B.S.)	4	0.4%
Non degree seeking student	0	0.0%
Didn't answer	921	90.6%

* 90.6% of survey respondents did not answer this question

The following chart compares the distribution of degrees pursued by respondents to that of enrolled students across the university.

9a. What degree are you currently working toward?				
	n = 1016	Percentage of Survey Respondents	Percentage of Graduate/Professional Respondents	Percentage of Graduate/Professional Enrollment*
Doctoral degree (Ph.D.)	353	34.7%	40.2%	33.3%
Professional degree (e.g., J.D., M.B.A., M.S.W., M.D.)	289	28.4%	32.9%	23.7%
Masters degree (e.g., M.A., M.S.)	236	23.2%	26.9%	43.0%
Baccalaureate degree (e.g., B.A, B.S.)	90	8.9%		
Non degree seeking student	30	3.0%		
Post-masters certificate	6	0.6%	N/A	N/A
Didn't answer	12	1.2%		

* Only includes the total number of masters, doctoral, and professional students

data/advocacy & policy/student parents/COSPI 2004-5/SWC survey/final report & appendices/allcharts.xls