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(Omaima El-Gibaly)

(Barbara S. Mensch) .
(Susan M. Lee) .

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Barbara Ibrahim *Barbara S. Mensch* .
Susan M. Lee [.bmensch@popcouncil.org](mailto:bmensch@popcouncil.org) :

Omaima El-Gibaly

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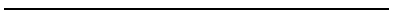
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28.9	5.4		***
18.6	2.8		***
0.7	2.3		
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(288-274)	(368-356)		[N]

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75.1	52.3	5.2	4.9	19.7	42.8	***
61.3	33.0	10.6	3.2	28.0	63.8	

87.4	73.6	4.2	1.4	8.4	25.1	***
92.0	71.9	1.7	0.8	6.2	27.3	***
90.0	73.9	3.8	1.6	6.2	24,5	***
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0.43	0.40	0.26-	0.20	0.27	0.31	+	/
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1.00	1.00	1.00	1.00	1.00	1.00		(r)
0.22	0.16-	0.32	0.38	0.06	0.01		

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0.15	0.17	0.27-	0.22	*0.51	0.02-	/	
0.11	0.05	0.52	0.46	0.07	0.39	+	/
0.23	0.00-	0.09-	0.39	0.57	*0.47		+
0.04	0.50-	0.21	0.09	0.17	0.06		
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0.65	0.61-	0.17-	0.42	0.55	0.04		
0.45	0.27-	0.03-	*0.48	0.05	0.13-		
0.35	0.25	0.72	**0.86	*0.70	0.25		
0.44	0.07	0.42	***0.93	*0.48	0.29		
1.00	1.00	1.00	1.00	1.00	1.00		(r)
0.14-	0.33	*0.63	0.01-	0.25-	0.06-		
0.29	0.13-	*0.71	0.20	0.11	0.03-		
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4.8	4.4	1.4	0.84	0.62	0.67		

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Amin, Sajeda and Nagah IL Al-Bassusi. 2002. "Wage work to prepare for marriage: Labor force entry for young women in Egypt" Paper presented at the annual meeting of the Population Association of America, Atlanta, 9—11 May.

Assaad, Ragui, Fauna El-Hamidi, and Akhter U. Ahined. 2000. "The Determinants of Employment Status in Egypt." *Food Consumption and Nutrition Division Discussion Paper* No. 88. Washington, DC: International Food Policy Research Institute.

Balk, Deborah. 1997. "Defying gender norms in rural Bangladesh: A social demographic analysis." *Population Studies* 51(2): 153—172.

Davis, Susan S. and Douglas A. Davis. 1989. *Adolescence in a Moroccan Town: Making Social Sense*. New Brunswick, NJ: Rutgers University Press.

Durrant, Valerie and Zeba A. Sathar. 2000. "Greater Investments La Children Through Women's Empowerment: The Key to Demographic Change in Pakistan?" *Policy Research Division Working Paper* No.137. New York: Population Council.

Dyson, Tim and Mick Moore. 1983. "On kinship structure, female autonomy, and demographic behavior in India." *Population and Development Review* 9(1): 35—60.

El-Kholy, Heba. 1997. "Gender Politics in Low-income Cairo," *Occasional Papers*. Cairo: Population Council.

El-Tawila, Sahar, Barbara L. Ibrahim, Sunny Sallam, Omairna ElGibaly, and Fikrat El-Sahn. 1999. *Transitions to Adulthood; A National Survey of Egyptian Adolescents*, Cairo; Population Council.

El-Zanaty, Fatma and Ann Way. 2001. *Egypt Demographic and Health Survey 2000*. Calverton, MD: Ministry of Health and Population [Egypt], National Population Council, and OCR Macro.

Federici, Nora, Karen O. Mason, and Solvi Sogner (eds.). 1993. "Introduction." In *Women's Position and Demographic Change*. Oxford: Clarendon Press. Pp. 1—15.

Furnham, Adrian and Barrie Stacey. 1991. *Young People's Understanding of Society*. London: Routledge.

Hoodfar, Homa. 1997. *Between Marriage and the Market; Intimate Politics and Survival in Cairo*. Berkeley: University of California Press.

Hossain, Mian B., James F. Phillips, Brian Pence, and Ian D. Diamond. 2000. "The effects of constrained women's status on infant and child mortality in four rural areas of Bangladesh." Paper presented at the annual meeting of the Population Association of America, Los Angeles, 23—25 March.

Ibrahim, Barbara L, and Hind Wassef. 2000. "Caught between two worlds: Youth in the Egyptian hinterland." In *Youth and Culture in the Arab World*. Ed. R. Meijer. London: Curzon.

Jeffery, Roger and Alaka M. Basu. 1996. "Schooling as contraception?" In *Girls' Schooling, Women's Autonomy and Fertility Change in South Asia*. Eds. Roger Jeffery and Alaka M. Basu. New Delhi: Sage Publications. Pp. 15-47.

Jejeebhoy, Shireen J. 1995. *Women's Education, Autonomy, and Reproductive Behavior: Experience from Developing Countries*. Oxford: Clarendon Press.

Joseph, Suad. 1993. "Connectivity and patriarchy among urban working-class Arab families in Lebanon." *Ethos* 21(4): 452—484.
1994. "Brother/sister relationships: Connectivity, love and power in the reproduction of Arab patriarchy." *American Ethnologist* 21(1): 51—73.

Kandiyoti, Deniz. 1994. "The paradoxes of masculinity: Some thoughts on segregated societies." In *Dislocating Masculinity: Comparative Ethnographies*. Eds. Andrea Cornwall and Nancy Lindisfarne. London and New York: Routledge. Pp.197—213.

Kishor, Sunita. 1995. "Autonomy and Egyptian Women: Findings from the 1988 Egypt Demographic and Health Survey." *Occasional Papers No.2*. Calverton, MD: Macro International.
1999. "Women's empowerment and contraceptive use in Egypt." Paper presented at the annual meeting of the Population Association of America, New York, 25—27 March.
2000. "Women's contraceptive use in Egypt: What do direct measures of empowerment tell us?" Paper presented at the annual meeting of the Population

Association of America, Los Angeles, 23—25 March.

Lloyd, Cynthia B. and Barbara S. Mensch. 1999. "Implications of formal schooling for girls' transitions to adulthood in developing countries." In *Critical Perspectives on Schooling and Fertility in the Developing World*. Eds. Caroline H. Bledsoe, John B. Casterline, Jennifer A. Johnson-Kuhn, and John G. Haaga Washington, DC: National Academy Press. Pp. 80—104.

Lloyd, Cynthia B., Sahar El-Tawila, Wesley H. Clark, and Barbara S. Mensch. Forthcoming. "Determinants of exit from school among adolescents in Egypt: Does school quality make a difference?" *Comparative Education Review*.

Mason, Karen O. 1987. "The impact of women's social position on fertility in developing countries." *Sociological Forum* 2(4): 718—745.
1993. "The impact of women's position on demographic change during the course of development." In *Women's Position and Demographic Change*. Eds. Nora Federici, Karen O. Mason, and Solvi Sogner. Oxford: Clarendon Press. Pp. 19-42.

Mensch, Barbara S., Barbara L. Ibrahim, Susan M. Lee, and Omaima El-Gibaly. 2000. "Socialization to Gender Roles and Marriage among Egyptian Adolescents." *Policy Research Division Working Paper* No. 140. New York: Population Council.

Morgan, S. Philip, Sharon Stash, Herbert L. Smith, and Karen Oppenheim Mason. 2002. "Muslim and non-Muslim differences in female autonomy and fertility; Evidence from four Asian countries." *Population and Development Review* 28(3): 515—537.

Morris, Leo. 1994. "Sexual behavior of young adults in Latin America." In *Advances in Population: Psychological Perspectives*. Volume 2. London: Jessica Kingsley. Pp.231—252.

Naguib, Nora C. and Cynthia B. Lloyd. 1994. *Gender Inequalities and Demographic Behavior; Egypt*. New York: Population Council.

Nawar, Laila, Cynthia B. Lloyd, and Barbara L. Ibrahim. 1995. "Women's autonomy and gender roles in Egyptian families." In *Family, Gender, and Population in the Middle East: Policies in Context*. Ed. Carla M. Obermeyer. Cairo: American University in Cairo Press. Pp. 147—178.

Raymundo, Corazon M., Peter Xenos, and Lita J. Domingo. 1999. *Adolescent Sexuality in the Philippines*. Quezon City: University of the Philippines, Population Institute.

Rugh, Andrea. 1997. *Within the Circle: Parents and Children in an Arab Village*. New York: Columbia University Press.

Sayed, Hussein and Fatma El-Zanaty. 1993. "Male role in decision making in Egypt." Paper presented at the annual International Union for the Scientific Study of Population (IUSSP) Conference, Montreal, 24 August—i September.

Schlegel, Alice (ed). 1995. "A cross-cultural approach to adolescence." *Ethos* special issue on adolescence 23(1): 15—32.

Schlegel, Alice and Herbert Barry, III. 1991. *Adolescence: An Anthropological Inquiry*. New York: Free Press.

Singerman, Diane and Barbara L. Ibrahim. 2000. "The cost of marriage in Egypt: A hidden variable in the new Arab demography and poverty research." Revised paper, previously presented at the conference on the New Arab Family, Cairo Papers in the *Social Sciences* and the Social Science Research Center, Ninth Annual Symposium, The American University in Cairo, 6—7 May.

Stockard, Jean. 1999. "Gender socialization." In *Handbook of the Sociology of Gender*. Ed. Janet S. Chafetz. New York: Kluwer Academic/Plenum Publishers. Pp.215-227.

Uchudi, Joseph M. 2000. "Gender context and fertility differences in sub-Saharan Africa." Paper presented at the annual meeting of the Population Association of America, Los Angeles, 23—25 March.

Wassef, Hind. 1996. "Constructions of gender in middle and secondary school curriculum in Egypt." *Proceedings of the Arab Regional Population Conference*. Cairo: International Union for the Scientific Study of Population. Pp. 324—351.

Youniss, James. 1989. "Parent-adolescent relationships." In *Child Development Today and Tomorrow*. Ed. William Damon. San Francisco: Jossey-Bass. Pp.379—392.

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