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The Journal of Sociology & Social Welfare

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Volume 1  
Issue 1 *Fall*

Article 17

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October 1973

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### Recommended Citation

Johnson, Clara L. (1973) "Adolescent Pregnancy and Poverty: Implications for Social Policy," *The Journal of Sociology & Social Welfare*: Vol. 1 : Iss. 1 , Article 17.

Available at: <https://scholarworks.wmich.edu/jssw/vol1/iss1/17>

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**WESTERN  
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ADOLESCENT PREGNANCY AND POVERTY:

IMPLICATIONS FOR SOCIAL POLICY<sup>1</sup>

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Adolescent pregnancy, per se, has been devoted little consideration by clinical observers and empirical researchers. For the most part, such pregnancies have received attention only insofar as they have occurred without the moral and legal sanctions of matrimony. This concern with illegitimacy has had the effect of blinding theorists and researchers to a whole segment of the adolescent pregnant population--the married teenager. Further, the adverse effects of adolescent pregnancy have been shrouded by moral precepts.

From existing evidence there appears to be no doubt that the married teenage girl is an integral part of the adolescent pregnancy phenomenon; one which is, in effect, very similar to the unwed mothers' phenomenon as it relates to the incidence of poverty.<sup>2</sup> For both wed and unwed teenagers who have a pregnancy and subsequent birth at a too young age, the likelihood of poverty conditions is high. Incomplete education, low income level, psychological and developmental problems, excessive fertility and probable social dependency are problems common to both populations of girls.

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<sup>1</sup>Paper presented at the annual meetings of The Society for the Study of Social Problems, Denver, August 28 and 29, 1971.

<sup>2</sup>Social concern with the adolescent pregnancy phenomenon, especially as these concerns are inspired by population and poverty related issues, should include wed as well as unwed teenagers. An often overlooked fact is the higher incidence of births to the married than to the unwed teenager. Approximately five out of every six babies born to teenage mothers are legitimate at birth. Over forty percent of such birth represent probable premarital conceptions. Approximately two thirds of the married teenage mothers are from a low socioeconomic background. In addition, the instability of teenage marriages leads to a high incidence of female headed households. For an elucidation of these points see Natality Statistics: "Interval Between First Marriage and Legitimate First Birth, United States, 1964-66." Vital Statistics Report, Vol. 18, No. 12 Supplement (March, 1970); Mary Grace Kovar, "Interval From First Marriage to First Birth." Unpublished paper for Population Association of America (April, 1970), especially Tables E and F; U.S. Department of Health, Education and Welfare. National Center for Health Statistics. Natality Statistics Analysis: U. S., 1965-1967. Washington, D. C.: Government Printing Office Publ. No. 1000; ser. 21, No. 19:29 (May), 1970.

Studies of the relationship between fertility and poverty have focused primarily on the actual versus desired or expected number of births. Although such studies have invalidated the common assumption that the poor want large families, they have thrown little light on the influence on poverty of family formation, i.e., early marriage and/or adolescent pregnancy. An implicit relationship is indicated by Orshansky who suggests that the probability of a family living in poverty is positively related to the number of children in the family.<sup>3</sup>

Two major tendencies can be detected from the work cited above and most existing family planning programs: (1) focus is placed on limiting family size and excessive fertility, and (2) attention is directed to the created family.

The influence of the timing of the first birth, legitimate and illegitimate, has been virtually ignored. Yet, in terms of the relationship between fertility and poverty, the timing of the first birth and the spacing of subsequent births may be of greater strategic importance than the ultimate size of the family.<sup>4</sup>

The relationship between fertility and poverty appears especially cogent in terms of the very young teenage girls. It has been demonstrated that level of education is directly and indirectly related to conditions of poverty. Directly, education relates to factors associated with the maintenance and/or improvement of socioeconomic level, such as employment status, personal and social competencies, and income level. Indirectly, education relates to poverty through its effects upon fertility<sup>5</sup>--there is

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<sup>3</sup>Mollie Orshansky, "Counting the Poor: Another Look at the Poverty Profile." Social Security Bulletin, Vol. 28 (January, 1965), Table 8, p. 25 and Table 6, p. 17.

<sup>4</sup>For a conceptual framework of the relationship between poverty and timing of marriage or child-rearing, see Schorr (1968: 39-61). Schorr has analyzed the condition of poverty and constructed a general typology of the cycle of family and income development of poor people. He indicates that the timing and circumstances of first marriage or child-rearing determine, to a certain extent, the family income level or the probability of generating and perpetuating the poverty cycle. Schorr postulates that if consequences in the first two stages--timing and circumstances of first marriage or child-bearing and timing and direction of occupational choice--have been negative for a family, the likelihood of poverty conditions is high. For an empirical account of the relationship, see Freedman and Coombs (1966: 631-648).

<sup>5</sup>See for example the following: Orshansky, "Poverty Profile;" Frederick S. Jaffe, "Family Planning and Poverty," Journal of Marriage and the Family (November, 1964), pp. 467-470; Jaffe, "Patterns for Community Organization and Delivery of Services," from E. Edmonds (ed.) A Report on the First National Family Planning Conference for Nurse Educators in Baccalaureate Schools of Nursing, Carolina Population Center, Monograph No. 7, 1970.

a positive relationship between education and knowledge and use of contraceptives. It would seem, then, that educational level is at least one of the major keys to improvement in life's choices. But it is exactly this avenue to improvement which is generally closed to the teenage girl, wed as well as unwed, who becomes a mother at a too young age.

Even though society generally subscribes to education as a dominant value and as a tool for upward mobility, the attainment of this goal is denied many pregnant teenagers and mothers. While there is no uniform school policy governing the adolescent pregnant girl, most public schools require the girls to withdraw from school. Pregnancy is reported to be the largest known cause of school drop-out among high school girls.<sup>6</sup>

When policies allow pregnant girls and mothers to continue their educational program, there is a strong possibility that society, as well as the girls, will benefit from the investment. On the other hand, society and the girls are losers by permanent expulsion. Continued ignorance can only have the effect of compounding problems for the girls themselves and for society. Be this as it may, society's moral stance on this issue generally takes precedence over the practical aspects. Therefore, delaying adolescents' first births may be the present best solution to these girls' educational endeavors.

Continued education has immediate as well as long range benefits for teenage girls. Being part of a school environment means having the chance to be with peers at a time in the developmental process when peer group relationships may be most important. To sever these relationships by the adult processes of pregnancy, childbearing, and childrearing undoubtedly thwarts normal growth and developmental processes.

As a long range benefit of continued education, a sense of independence is developed. The opportunities for employment and the accompanying economic gains are corollary rewards. Both low level of acquired education and income maintenance are predisposing factors to low subsistence and/or social dependency. Early marriage and/or childbearing decreases the amount of time and money that might be invested in educational pursuits.

In addition to the relationship between childbearing at a too young age and poverty, due to low acquired levels of education and income, is

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<sup>6</sup>See Howard J. Osofsky, The Pregnant Teenager (Springfield, Ill.: Charles C. Thomas, 1968), and Lee Burchinal, "School Policies and School Age Marriages," Reprinted from the Journal of Family Life Education (March, 1960). There remains considerable social resistance to pregnant girls remaining in or returning to public schools. Yet, it can be argued that continued education is a vital key to the prevention of social and economic dependency. Consider then the drain on financial and manpower resources to educate and train these girls, especially in programs which are separate and distinct from existing educational systems.

the relationship between early childbearing and poverty due to excess fertility. There is evidence to indicate that early childbearing is positively related to excess fertility.<sup>7</sup> And there can be no doubt that excessive fertility is related to the incidence of poverty.<sup>8</sup> The evidence indicates, therefore, that delaying the first birth may be more important than preventing a higher order birth--the 6th, 7th birth, etc.<sup>9</sup>

Not only does a pregnancy and subsequent birth at a too young age contribute to poverty conditions, the young girls themselves and their infants are at high risk medically. In the young adolescent, pregnancy has been reported to be associated with high incidence of toxemia, anemia, contracted pelvis, prolonged labor, and other complications of pregnancy and delivery.<sup>10</sup> Such complications are especially evidenced in girls from low-income families who, as a rule, do not receive early and regular prenatal care.

Evidence tends to indicate that young expectant girls, especially from low-income groups, are "risks with respect to giving birth to immature (low weight) infants."<sup>11</sup> The association between low-birth

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<sup>7</sup>For examples of the relationship between early childbearing and excess fertility, see the following: Pascal Whelpton, Arthur A. Campbell, and J. E. Patterson, Fertility and Family Planning in the United States (Princeton, N. J.: Princeton University Press, 1966), especially Chapter 8; National Center for Health Statistics: Children of Divorced Couples: U. S., Selected Years. Vital and Health Statistics PHS Pub. No. 1000, Series 21, No. 18 (Washington, D. C.: U. S. Government Printing Office, 1970), Table 15, p. 26 and Table 16, p. 27; and Arthur A. Campbell, "The Role of Family Planning in the Reduction of Poverty," Journal of Marriage and the Family (May, 1968), pp. 236-245.

<sup>8</sup>See Orshansky, "Poverty Profile," and National Advisory Commission on Rural Poverty. The People Left Behind (Washington, D. C.: U. S. Government Printing Office, 1967), p. 75.

<sup>9</sup>Freedman and Coombs, "Childspacing and Family Economic Position."

<sup>10</sup>R. Aznar and A. E. Bennett, "Pregnancy in the Adolescent Girl," American Journal of Obstetrics and Gynecology, Vol. 81 (1961), pp. 934-940; F. Battaglia, T. Frazier, and A. Hellegers, "Obstetrics and Pediatric Complications of Juvenile Pregnancy," Pediatrics, Vol. 32 (1963), pp. 902-910; A. David Claman and H. Michael Bell, "Pregnancy in the Very Young Teen-Ager," American Journal of Obstetrics and Gynecology, Vol. 90 (Oct., 1964), pp. 350-355; and Howard J. Osofsky et al., "A Program for Pregnant Schoolgirls," Adolescence, Vol. III, No. 9 (Spring, 1968), pp. 89-108.

<sup>11</sup>National Center for Health Statistics: Natality Statistics Analysis, United States, 1965-67. Vital and Health Statistics. PHS Pub. No. 1000, Series 21, No. 19. Public Health Service (Washington, D. C.: U. S. Government Printing Office, 1970), Table 16, pp. 25-26; Battaglia, et al., "Obstetrics and Pediatric Complications;" and Helen C. Chase, "The Relationship of Certain Biologic and Socioeconomic Factors to Fetal, Infant, and Early Childhood Mortality," Part II (New York State Department of Health, Albany, New York, 1962), pp. 30-32.

weights, high infant mortality and morbidity and the socioeconomic level of mothers has been well documented. Each of these dependent variables tends to reflect the health and nutrition of the mother.<sup>12</sup> And there can be no doubt that the problem of malnutrition is more prevalent among low-income families. Further, data indicate that both the unwed and the married young mothers are generally found at a low socioeconomic level.

The above points have special relevance to the problems centered around infants' growth and development. Existing evidence strongly suggests that growth and developmental processes are thwarted in infants who are malnourished prior to and immediately following birth.<sup>13</sup> And while the evidence is not yet conclusive, there is some indication that the impairments to infants may be irreversible. If this is indeed the case, it seems logical to assume that restricted brain and physical development in infancy will grossly limit the competitive powers of the eventual adult.

The major purpose of this paper has been to present the following basic ideas: (1) the problems associated with adolescent pregnancy and childbearing warrant that adolescent pregnancy, per se, rather than illegitimacy becomes our concern, (2) too early marriage and/or child-rearing predispose the young girl to disadvantages which are directly related to poverty conditions and social dependency, and (3) too early childbearing adversely affects the health status of both mother and infant.

As a result of the evidence presented, the following observations have been made: (1) that, in relation to poverty, the timing of the first birth may be of greater strategic importance than the ultimate size of the family; (2) that existing family planning programs fail to reach the potential adolescent obstetric population and, by so doing, they are unlikely to affect timing of first births, and (3) that adolescent pregnancy is far less a moral problem than it is a socioeconomic and health problem.

On the basis of the observations made and general knowledge in the area, the following recommendations are presented for researchers dedicated to the study of social problems: (1) to apply the scientific

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<sup>12</sup>Donald Lindsley and Austin Riesen, "Biological Substrates of Development and Behavior," in Perspectives on Human Deprivation: Biological, Psychological and Sociological (Washington D. C.: U. S. Department of Health, Education, and Welfare, 1968), p. 243.

<sup>13</sup>See the following animal studies from which inferential associations between malnutrition and developmental processes and behavior have been made. John J. Cowley, "Time, Place and Nutrition: Some Observations From Animal Studies," John Dobbing, "Effects of Experimental Undernutrition on Development of the Nervous System," both in Malnutrition, Learning and Behavior, ed. by Nevin S. Scrimshaw and John E. Gordon (Massachusetts: The M.I.T. Press, 1968), pp. 218-228 and 181-202, respectively; and Bacon F. Chow, et al., "Maternal Nutrition and Metabolism of the Offspring: Studies in Rats and Man." American Journal of Public Health, Vol. 58, No. 4 (April, 1968), pp. 668-677.

method and theory to the study of the relationship between timing of first births and the incidence of poverty; (2) to construct a theoretical base for the study of adolescent pregnancy within a social system's framework. Present knowledge indicates that etiologic explanations of adolescent pregnancy, especially illegitimate pregnancy, are either psychologically oriented (internal dynamics) or sociologically oriented (cultural motivations). Explanations within both orientations have failed to differentiate between (a) sexual behavior, (b) pregnancy, and (c) ensuing births as distinct researchable questions; and (3) to study motivation to avert pregnancy among adolescent girls themselves, adolescent boys, and parents.

Recommendations for the Social Work Profession and Social Welfare Policy are: (1) in relation to the present social problem, it may be necessary for social workers to operate as change agents within the system; within their respective organizations which are very unlikely to initiate change. Social workers may be required to speak out vigorously within communities for change in attitudes--to help lay to rest the notion that illegitimacy, as a moral issue, is the problem at hand and that early marriage alleviates the adverse effects of adolescent pregnancy and childbearing. (2) Social welfare policy should be broadened to view all teenagers as potential obstetric patients and as probable eventual social dependents. From such a point of view, there is a need to move away from concern with illegitimacy to a comprehensive policy which encompasses the entire realm of adolescent pregnancy with primary focus directed toward prevention.

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