Teenage pregnancy is considered a key indicator of adolescent health for good reason. The associations between teenage births and mortality, morbidity, and social and economic hardship for the mother and child are well established. Research over many decades has provided us with a good understanding of the underlying factors for the complex issue of teenage pregnancy and reasonable evidence for what strategies work to limit it.

In The Lancet, Kaye Wellings and colleagues present the impact of the UK Teenage Pregnancy Strategy on rates of teenage abortions and births in England over the 13 years after its introduction in 2000. The Teenage Pregnancy Strategy was a complex, intersectoral, and multicomponent intervention, informed by available evidence on likely effective strategies to reduce pregnancies, from inception throughout its funding period. There were three main components of the strategy. The first element was a whole-government approach to administration, headed by a cross-departmental ministerial task force (spanning the departments of health, education, and employment), monitored by an independent national advisory group and implemented by funded regional and local service coordinators and partnership boards. The second element was improved prevention efforts, including: high quality education about sex and relationships in schools; better access to effective contraception; enhanced efforts targeting the most at-risk groups, and young males; a media campaign with separate components for young people and parents; and a print and broadcast media campaign. The third element was better support for pregnant teenagers and teenage parents to ensure completion of education and access to secure housing with in-home support for mothers and their children.

At the mid-course review in 2005, the UK’s national conception rate had dropped 11% for those younger than 18 years and 15% for those younger than 16 years, but with variability, including reductions as substantial as 43% in one local authority. From this point, a more intensive approach to lower-performing authorities was adopted.

In the study by Wellings and colleagues, investigators combined routinely collected area-level data on abortions and births, deprivation, and Local Implementation Grant expenditures with individual-level risk factor information from the three waves of the National Surveys of Sexual Attitudes and Lifestyle (Natsal) to describe changes in conception, abortions, and maternities in individuals younger than 18 years in England from 2000 to 2013. The maternity rate of individuals younger than 18 years in England has decreased slowly but steadily from its peak in 1996–98, but much more rapidly from 2007 to 2013, along with a decline in the abortion rate, halving the conception rate overall. The most substantial reductions were in the most deprived areas, where rates were originally highest. Participation in work, education, or training by young women who became mothers before age 18 years doubled over the period of the Teenage Pregnancy Strategy. The authors also estimated an absolute decrease in conception rate of between 8·2 conceptions...
can impact a complex health and social issue, with high samples, mainly in the USA.\(^7\) Other multistrategy programmes (combining educational, increased access to contraception, and social inclusion strategies) are likely to be necessary elements. However, the combination of sex and relationships education, increased access to contraception, and social inclusion strategies are likely to be necessary elements. Other multistrategy programmes (combining education and increased access to contraception) have also shown success in reducing self-reported pregnancies in study samples, mainly in the USA.\(^7\)

The authors present a convincing case that much of the reduction in teenage conception can be attributed to the Teenage Pregnancy Strategy. This is the first time we have seen a teenage pregnancy prevention programme reduce objectively measured teenage conceptions, and improve outcomes for teenage mothers over a sustained period of time at the national level. The programme had many components, and in the absence of a careful process assessment, we still don’t know which were more effective than others, however the combination of sex and relationships education, increased access to contraception, and social inclusion strategies are likely to be necessary elements. Other multistrategy programmes (combining education and increased access to contraception) have also shown success in reducing self-reported pregnancies in study samples, mainly in the USA.\(^7\)

The Teenage Pregnancy Strategy needed a full decade of implementation to show its capacity to effect change on this complex issue. At the mid-course review, rather than withdrawing funding in response to a modest 11% reduction in conceptions, the task force accelerated efforts. However, as happens often, a change in government in 2010 coincided with discontinuation of funding of the UK Teenage Pregnancy Strategy. In 2011, an investigation by The Guardian\(^8\) reported that over a third of teenage pregnancy coordinator positions had been eliminated, and a parliamentary inquiry yielded no further information about disposition of coordination positions nationally.\(^9\)

The UK Teenage Pregnancy Strategy is an impressive example of how a sustained, multilevel, and multicomponent intervention, such as that advocated by the recent Lancet Commission on adolescent health,\(^10\) can impact a complex health and social issue, with high cost-effectiveness. By way of comparison, the UK human papillomavirus (HPV) vaccination programme is another example of a complex health intervention programme, which has achieved similarly impressive success.\(^11,12\) Would the UK Government seriously consider defunding and devolving all responsibility for HPV vaccination programme implementation to local authorities and their budgets? Ongoing monitoring and support should be provided to local authorities to ensure that the key elements of the Teenage Pregnancy Strategy and low rates of teenage pregnancy remain a core goal for the UK. Teenage pregnancy is no longer a problem too hard to be solved: a country’s teenage pregnancy rates can be lowered and, further, the association between intergenerational poverty and teenage pregnancy can be attenuated, long term.

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