

**THEME : STATISTICS**

*Please do not write on the subject paper and don't forget to give back the examination paper at the end of the test.*

Teen Pregnancy :

In 2013, a total of 273,105 babies were born to women aged 15–19 years, for a live birth rate of 26.5 per 1,000 women in this age group. This is a record low for the U.S., a drop of 10% from 2012.

**Number of births for 1,000 women aged from 15 to 19 in 2013 :**

UK	DK	F	Can.	USA
16	4.24	9.5	12.6	26.5

Source : CDC USA

1. How many babies were born in 2012 from teenage girls in the USA ?
2. Compare the rate in the USA with other countries

**Live birth rate (per 1,000) to women, in the United Kingdom and the EU28**

Percentage of live births

	2004	2005	2006	2007	2008	2009	2010	2011	2012
EU28 (aged 15-19)	15.4	15.1	15.0	15.0	15.3	14.7	13.8	12.9	12.6
UK (aged 15-19)	26.9	26.4	26.5	25.9	25.7	24.7	23.2	21.0	19.7

Source: Office for National Statistics UK

3. Compute the mean first for the EU 28 and then for the UK.
4. Find the median, lower and upper quartile first for the EU and then for the UK.
5. What can you say about the evolution in Europe or the United Kingdom ? Do you know some reasons for this evolution.