

ANSWERS TO ESTIMATES QUESTIONS ON NOTICE

HEALTH AND AGEING PORTFOLIO

Supplementary Budget Estimates 2010-11, 20 October 2010

Question: E10-252

OUTCOME 1: Population Health

Topic: IVF (IN-VITRO FERTILISATION)

Written Question on Notice

Senator Fierravanti-Wells asked:

From the commencement of the recording of such data:

- a) What are the pregnancy rates in IVF?
- b) What are the rates of multiple pregnancies in IVF?
- c) What are the numbers of non-live births through IVF?

Answer:

Assisted reproductive technologies (ART)—such as in vitro fertilisation (IVF)—are a group of procedures used to assist women to become pregnant. ART usually involves removing oocytes (eggs) from a woman's ovaries, fertilising them in the laboratory and then transferring the resulting embryo(s) back into a woman's uterus.

The Australia and New Zealand Assisted Reproduction Database was established in 2004. The first year of data—which is based on ART treatment cycles—included women who underwent ART treatment in 2002. Data are available on an annual basis from 2002 to 2008.

- a) The pregnancy rate from ART treatment cycles provided to women in 2008 was 22.6% (see Table 35 on page 43 of Chambers G, Sullivan EA and Wang YA 2010. Assisted reproductive technology in Australia and New Zealand 2008. Assisted reproduction technology series no. 14. Cat. no. PER 49. Canberra: AIHW.) The report is available at: <http://www.aihw.gov.au/publications/index.cfm/title/11525>).
- b) The multiple delivery rate from ART treatment cycles provided to women in 2008 was 8.4% (see Table 36 on page 44 of the above-mentioned 2008 report).
- c) There were 151 still births reported following ART treatment cycles provided to women in 2008 (see Table 31 on page 38 and the last paragraph on page 39 of the above-mentioned 2008 report). The stillbirth rate from this figure is 13 per 1,000 births.