

Random Reproduction Facts

1. How many sperm in an ejaculate are needed to fertilize an egg?

100,000,000 in the vagina, 100,000 in the uterus, 4,000 at the egg, 1 to penetrate the egg

It takes about 24 hours for a sperm cell to fertilize an egg. When the sperm penetrates the egg, the surface of the egg changes so that no other sperm can enter. At the moment of fertilization, the baby's genetic makeup is complete, including whether it's a boy or girl.

2. How long does it take for sperm produced in the testes to be available in the ejaculate?

70-90 days

3. How many eggs does a woman have in her lifetime?

A woman is born with the number of eggs she will have in her lifetime. This averages 1,000,000 eggs in her ovaries at birth. She will not produce more eggs than what she is born with.

4. How many eggs are recruited by the ovary each month during menstruation?

1,000 per month and usually only one egg makes it.

5. What is the average pregnancy rate in an 18-year-old fertile woman each month? 20%

What is the average pregnancy rate in a 30-year-old fertile woman each month? 10%

What is the average pregnancy rate in a 40-year-old fertile woman each month? 4%

6. What is the average cost for IVF in the U.S.? \$20,000 per cycle

7. What is the average cost to purchase donor human eggs in the U.S.?

\$20,000, plus the cost of IVF, medications and transfer fees.

8. There were 326,468 IVF cycles completed in 2020. These cycles resulted in the live births of 79,942 babies. A 24.5% success rate.

9. What is the average cost of embryo adoption through the Snowflakes® Embryo Adoption Program?

\$15,000 (includes agency fee with an embryo set, home study and frozen embryo transfer.

10. What is the transfer to pregnancy success rate for the Snowflakes program? 50%