

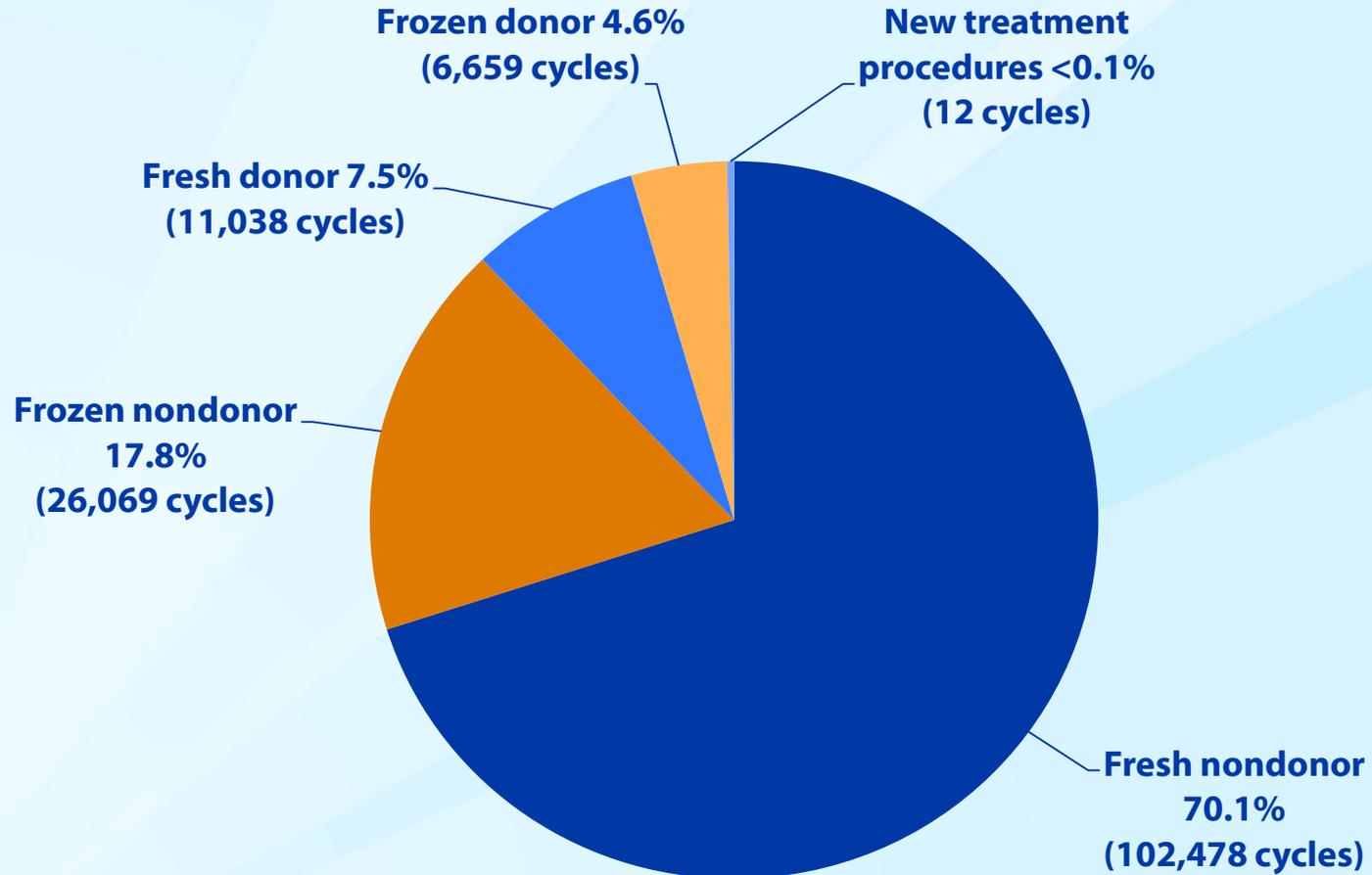
Locations of ART Clinics in the United States and Puerto Rico, 2009



Number of ART clinics in the United States in 2009.....	484
Number of ART clinics that submitted data in 2009	441
Number of ART cycles reported in 2009	146,244*
Number of live-birth deliveries resulting from ART cycles started in 2009	45,870
Number of infants born as a result of ART cycles performed in 2009	60,190

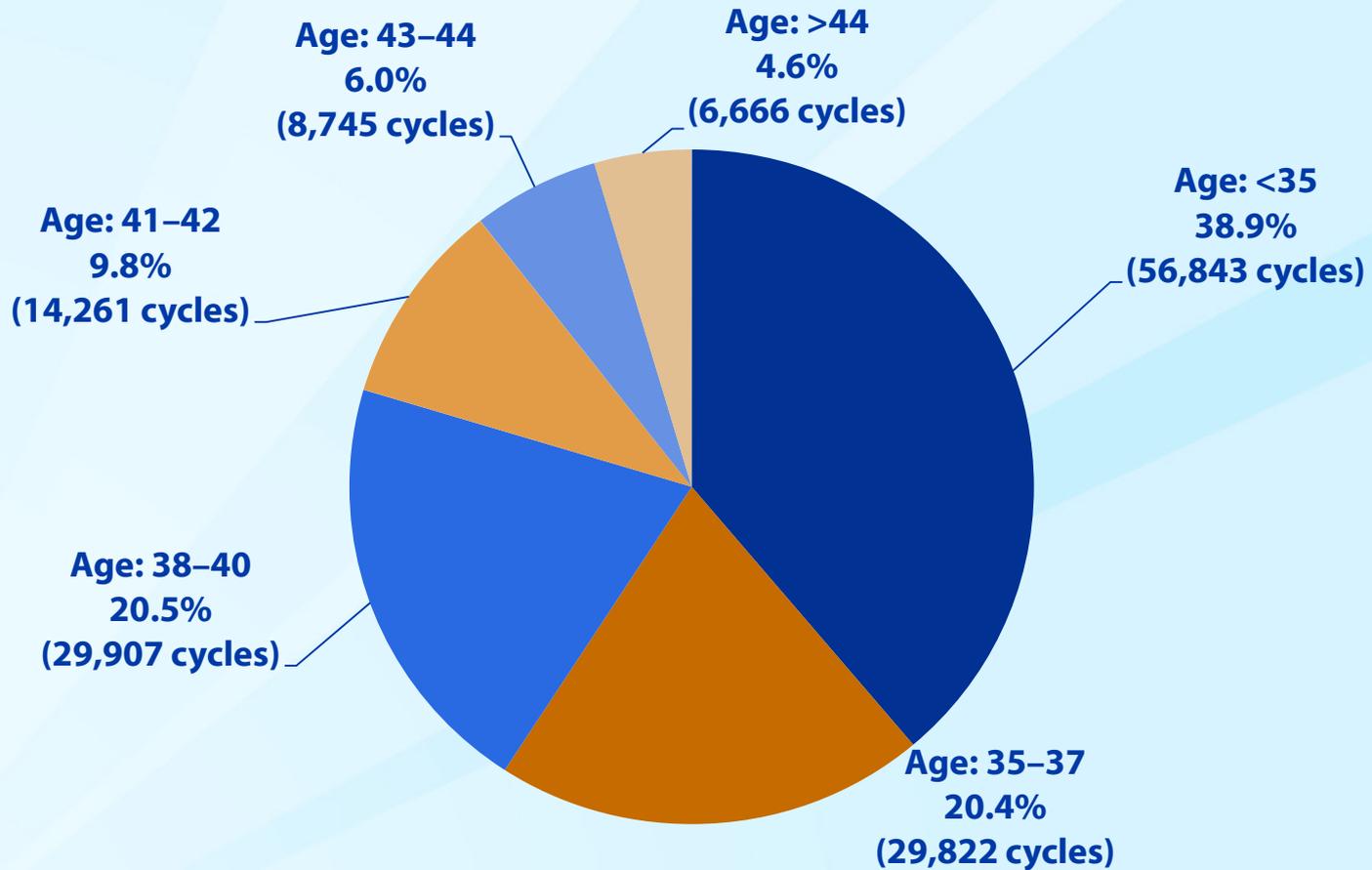
* Note: This number does not include 12 cycles in which a new treatment procedure was being evaluated.

Types of ART Cycles—United States,* 2009



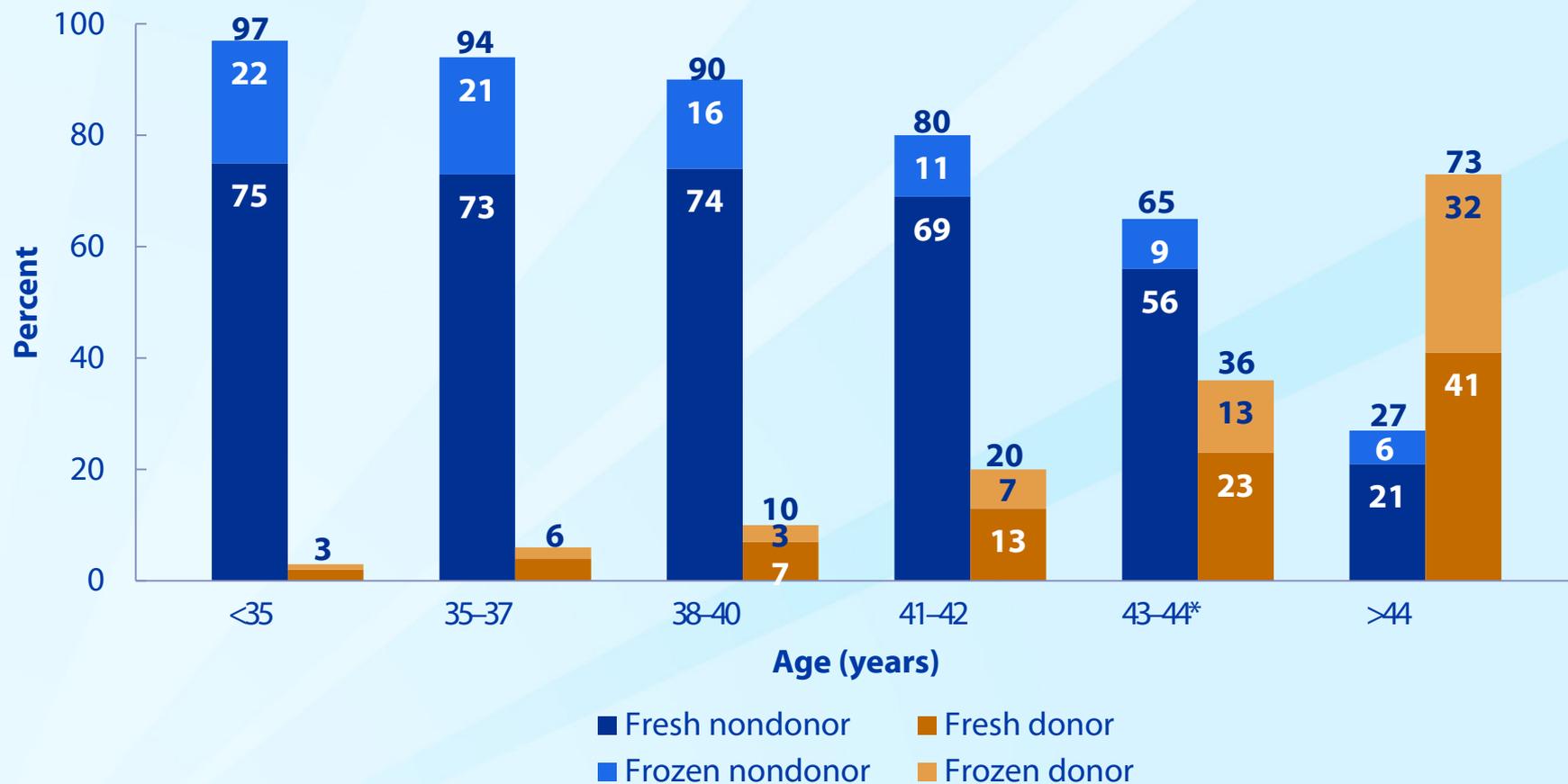
*Total does not equal 100% due to rounding.

ART Use by Age Group—United States,* 2009



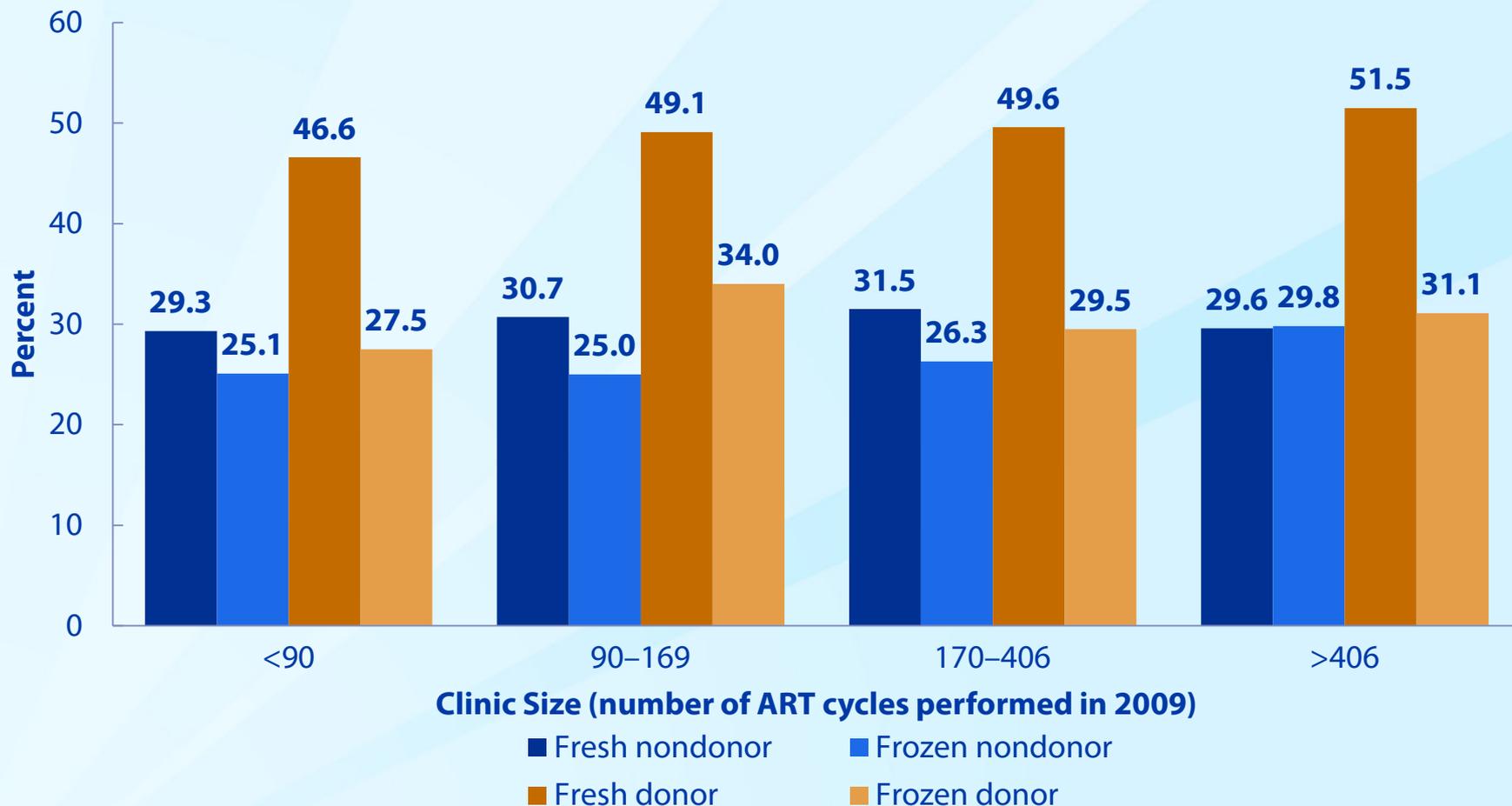
*Total does not equal 100% due to rounding.

Types of ART Cycles by Age Group—United States, 2009

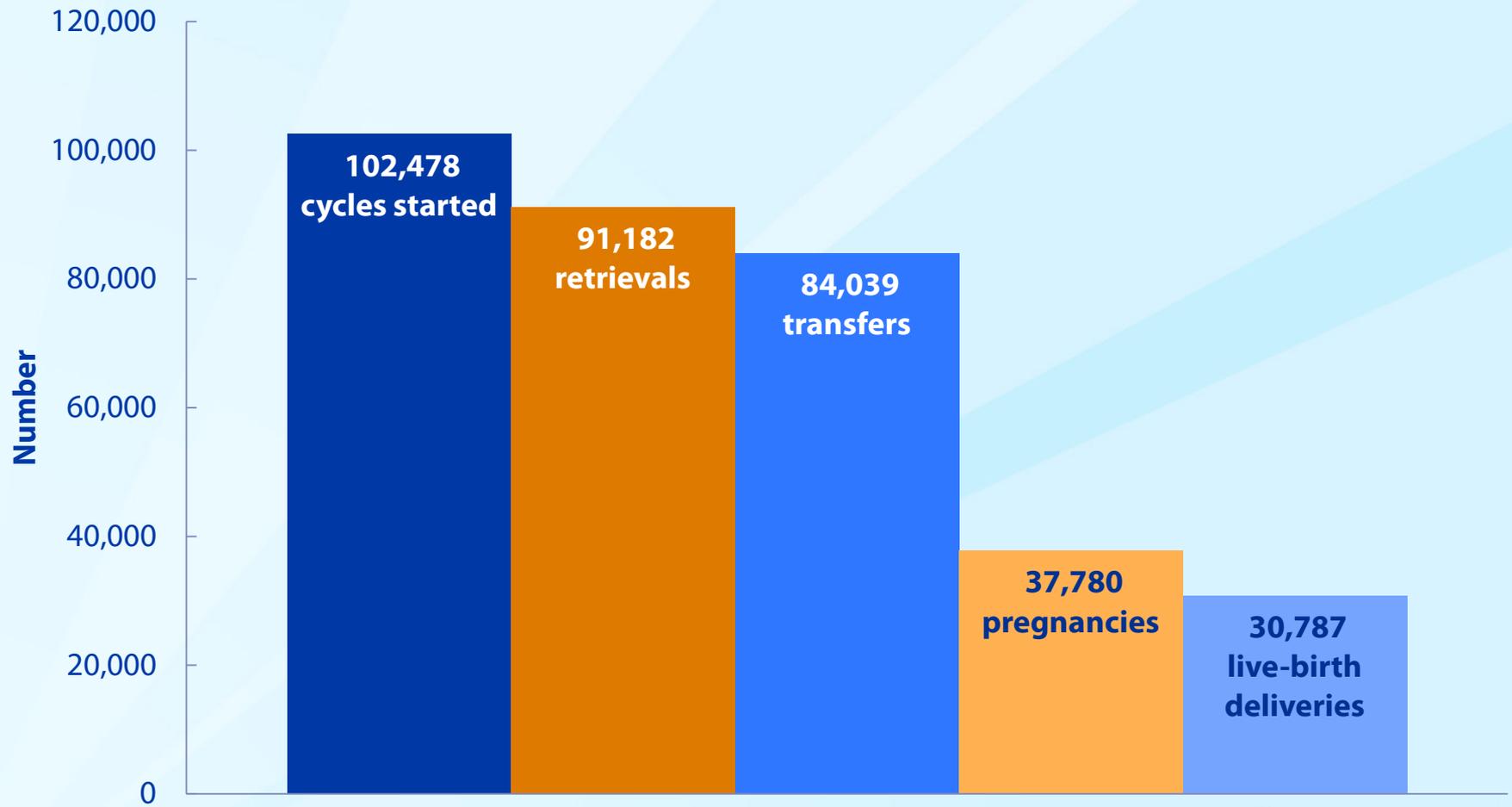


*Total does not equal 100% due to rounding.

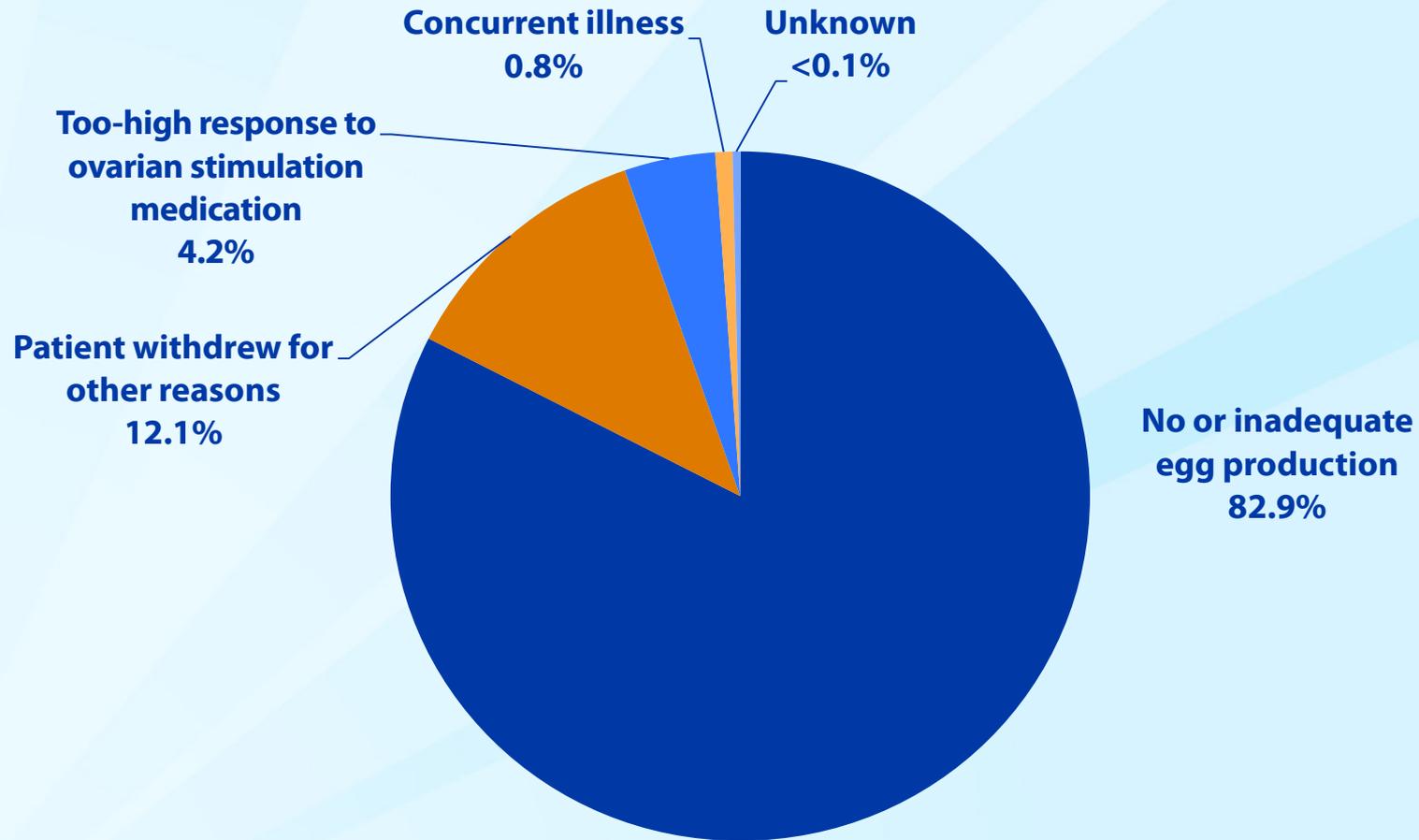
Percentages of ART Cycles That Resulted in Live Births, by Type of ART and Clinic Size—United States, 2009



Outcomes of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Stage, 2009

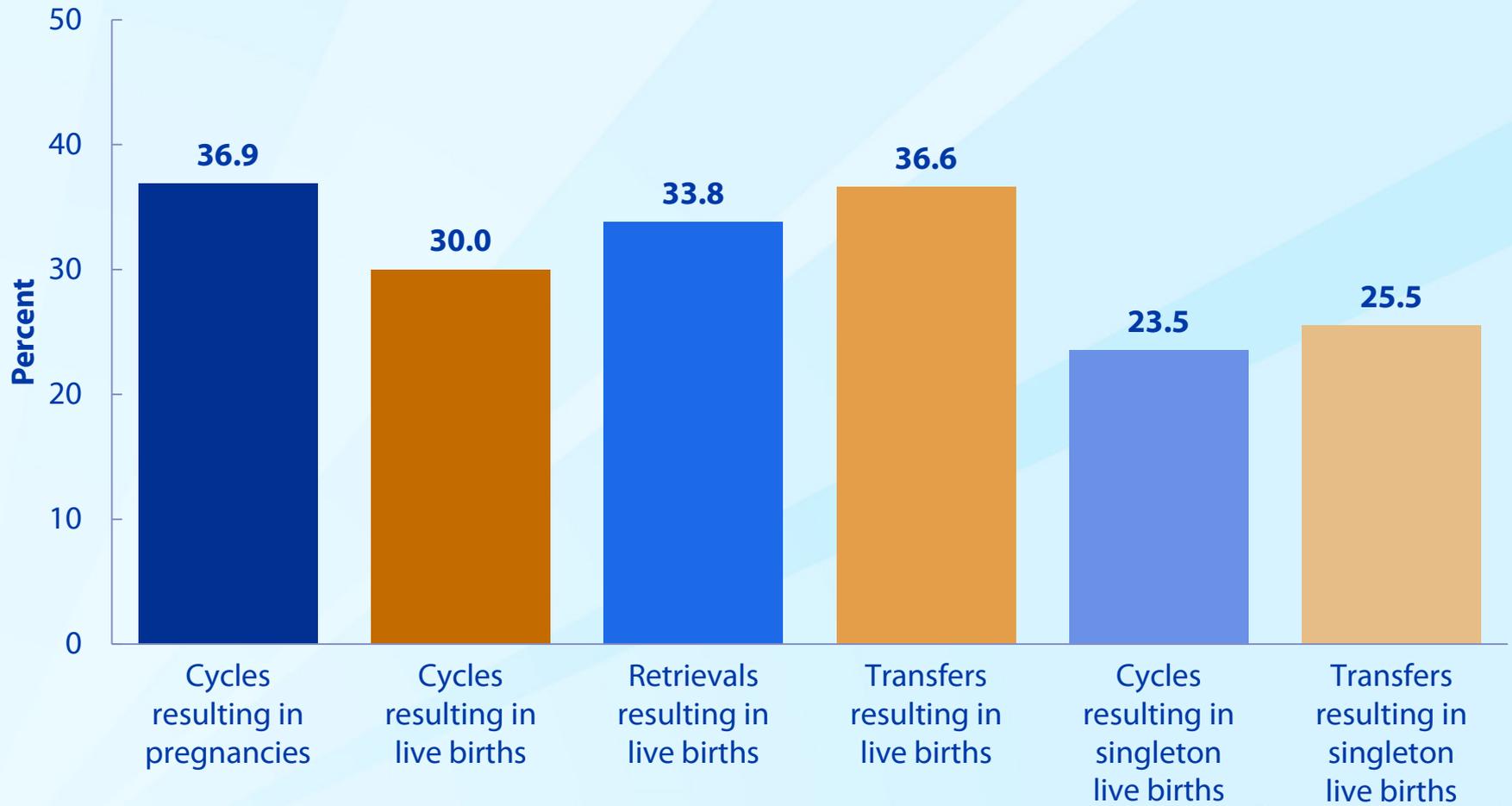


Reasons ART Cycles Using Fresh Nondonor Eggs or Embryos Were Discontinued,* 2009

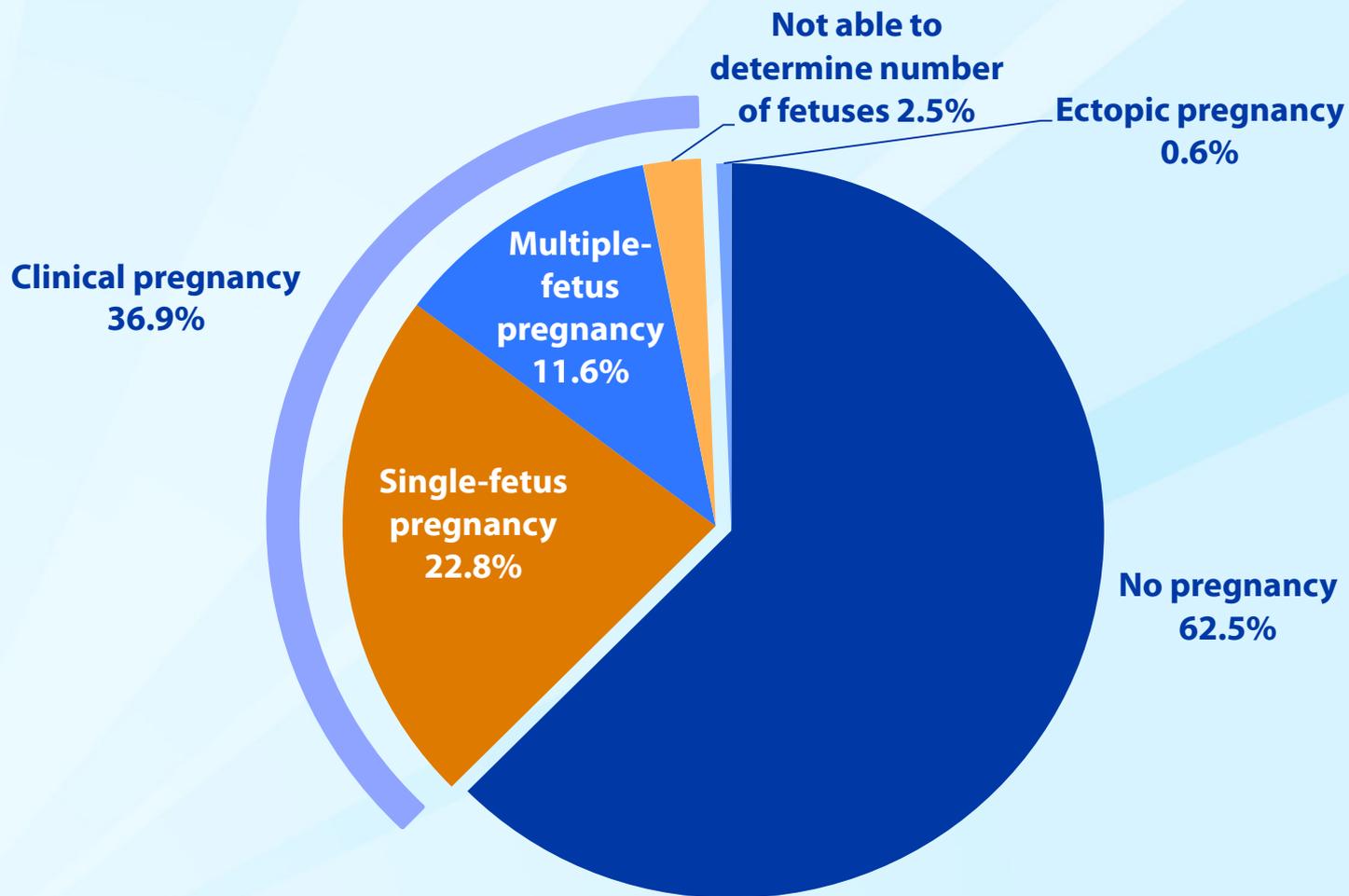


*Based on 11,296 ART cycles.

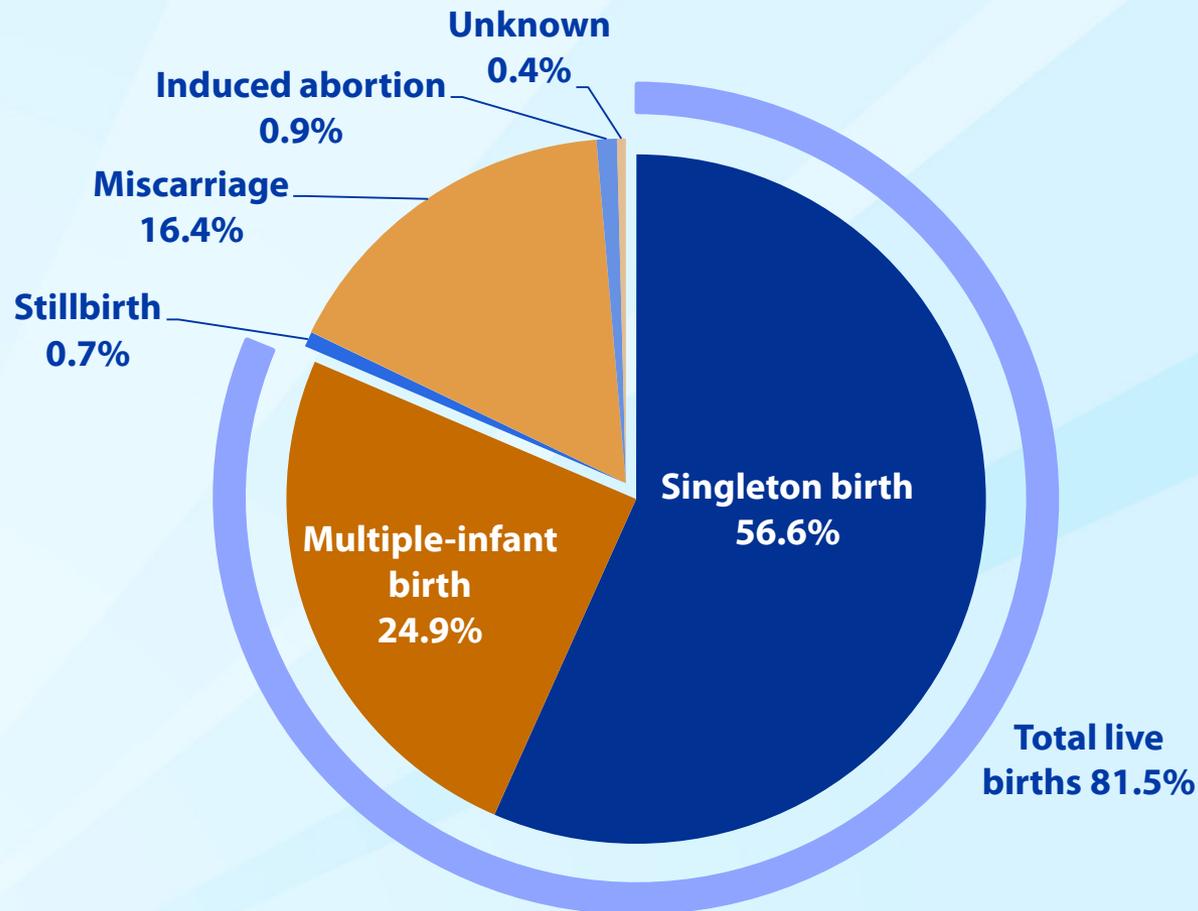
Measures of Success for ART Cycles Using Fresh Nondonor Eggs or Embryos, 2009



Results of ART Cycles Using Fresh Nondonor Eggs or Embryos, 2009



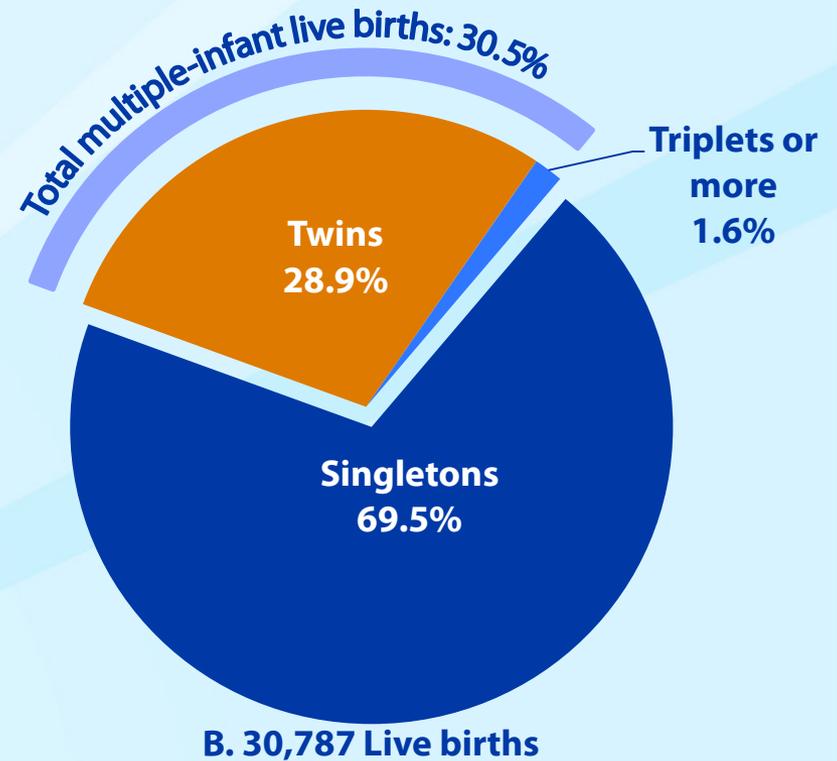
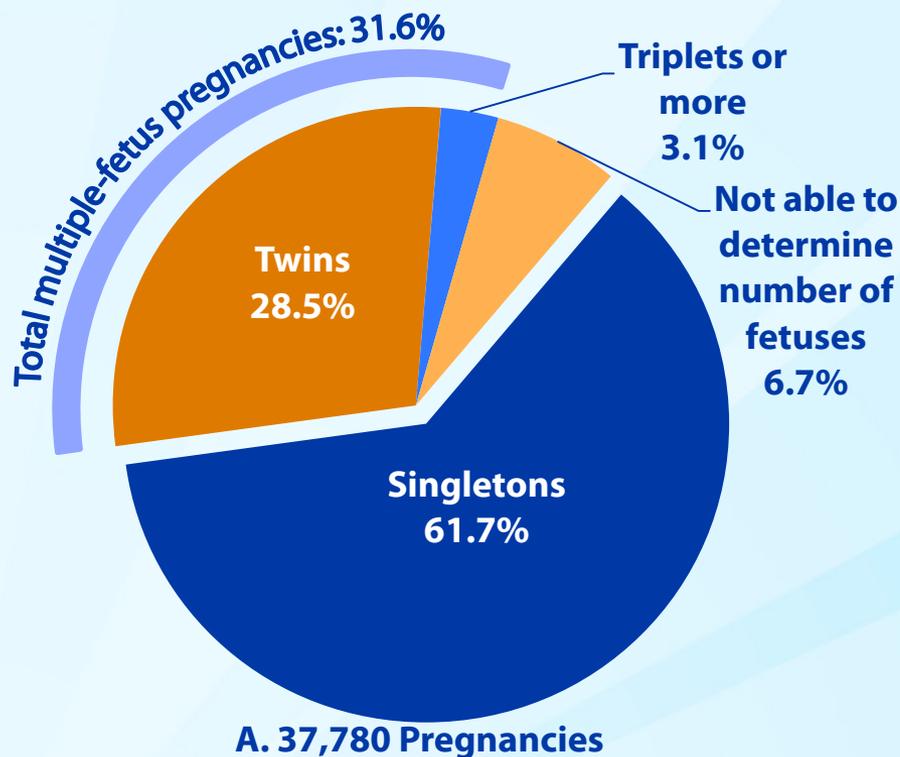
Outcomes of Pregnancies Resulting from ART Cycles Using Fresh Nondonor Eggs or Embryos,*† 2009



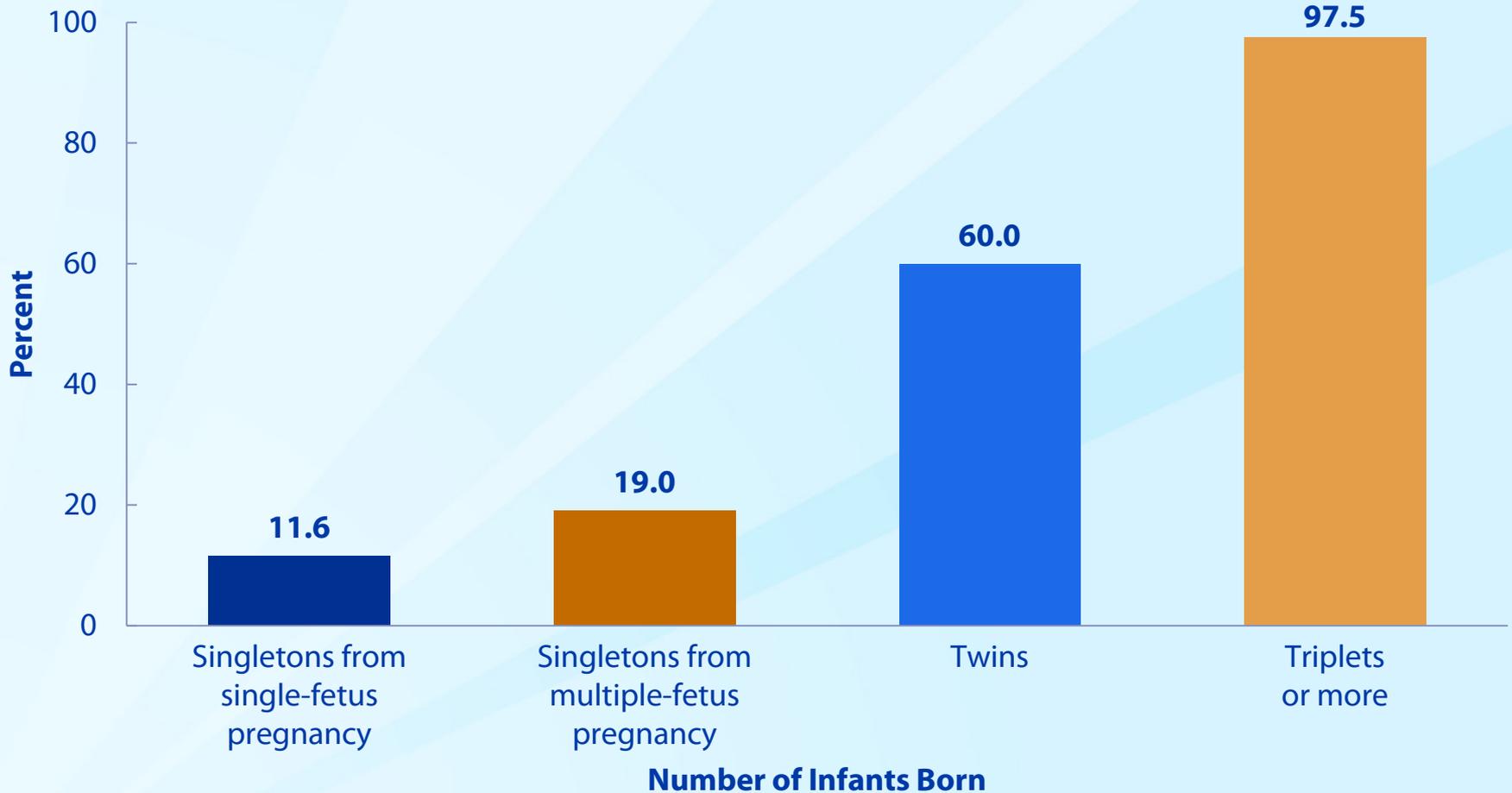
*Maternal deaths prior to birth are not displayed due to small number (n = 7).

†Total does not equal 100% due to rounding.

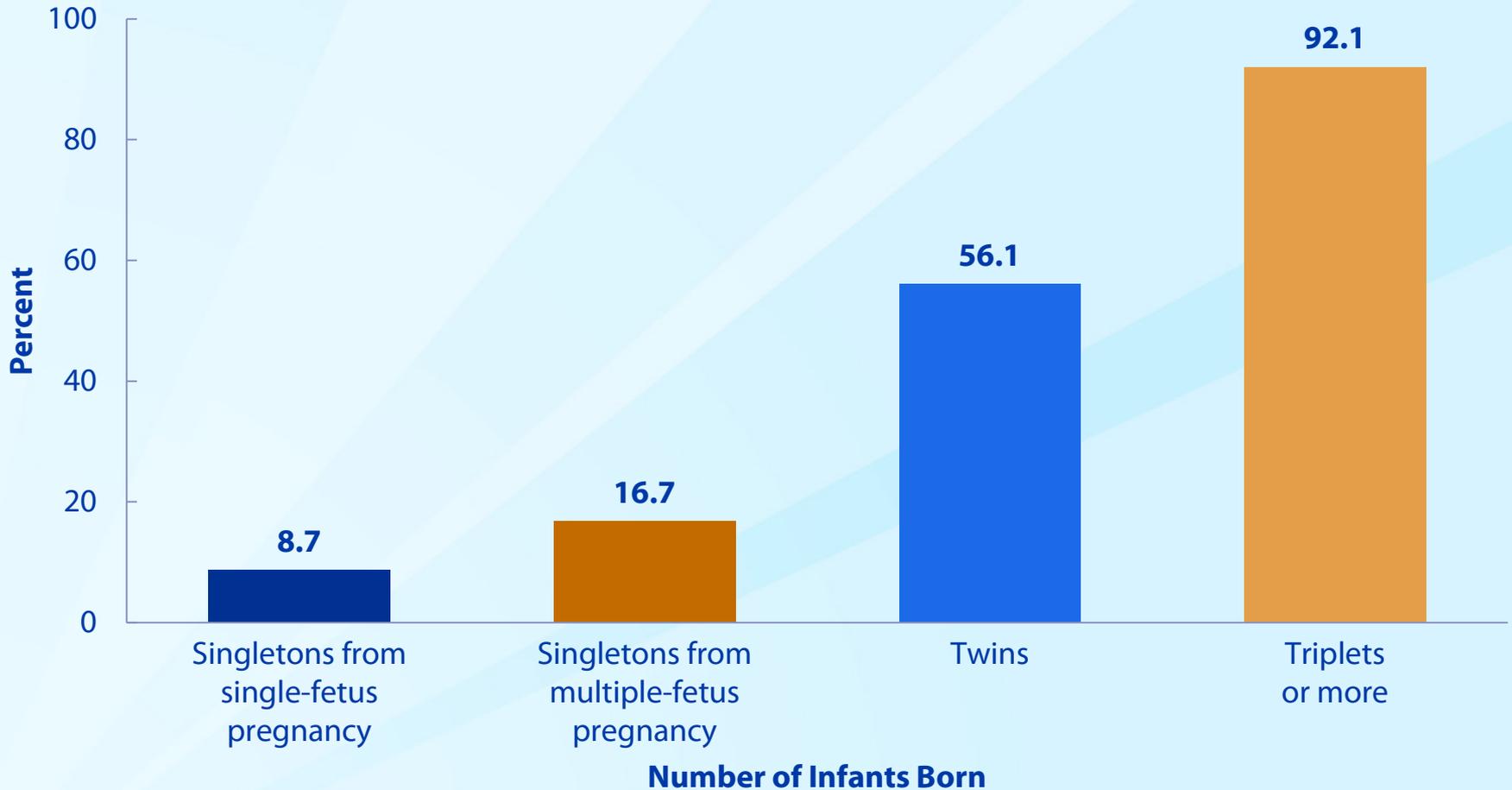
Risks of Having Multiple-Fetus Pregnancies and Multiple-Infant Live Births from ART Cycles Using Fresh Nondonor Eggs or Embryos, 2009



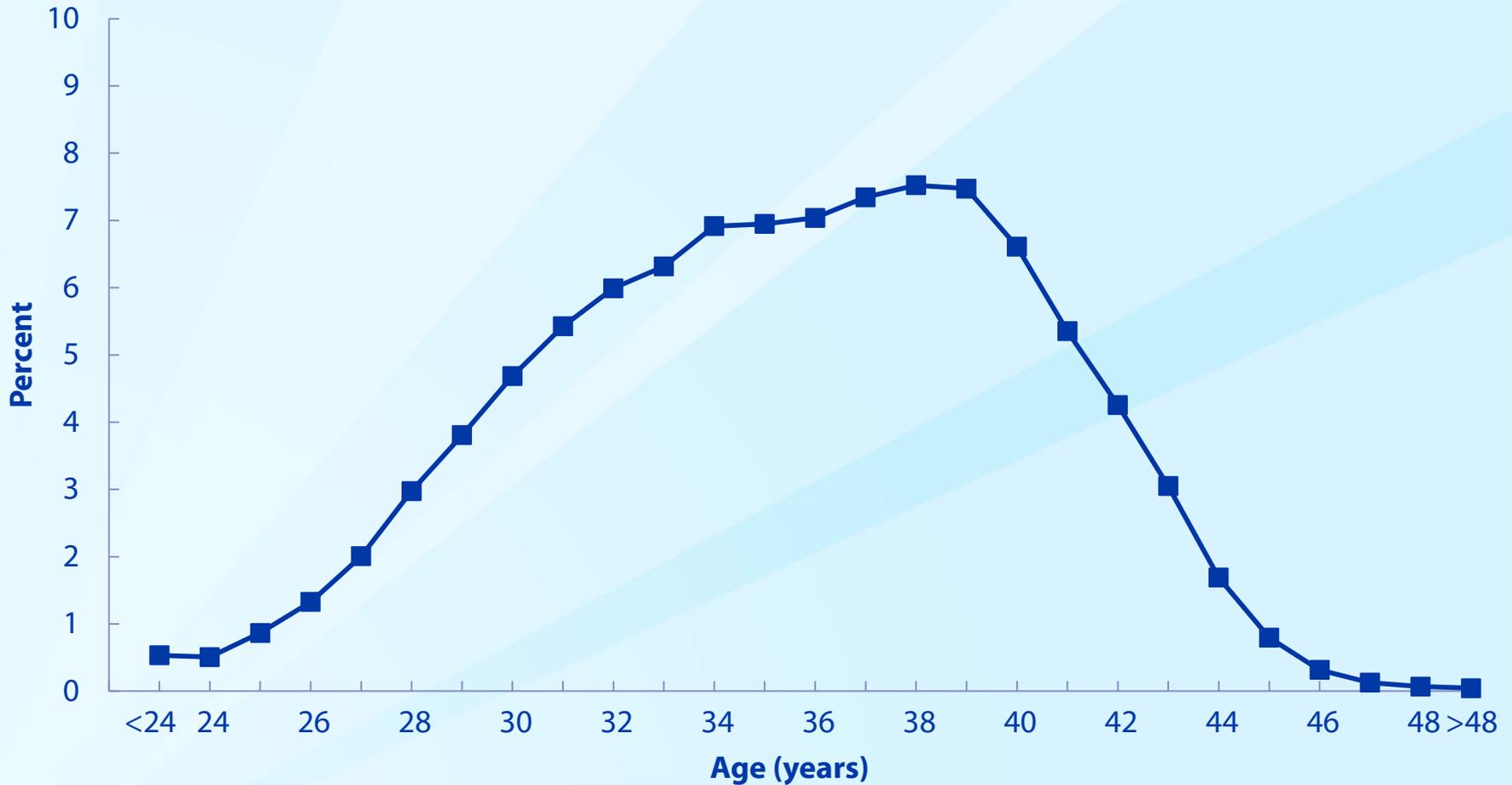
Percentages of Preterm Births from ART Cycles Using Fresh Nondonor Eggs or Embryos, by Number of Infants Born, 2009



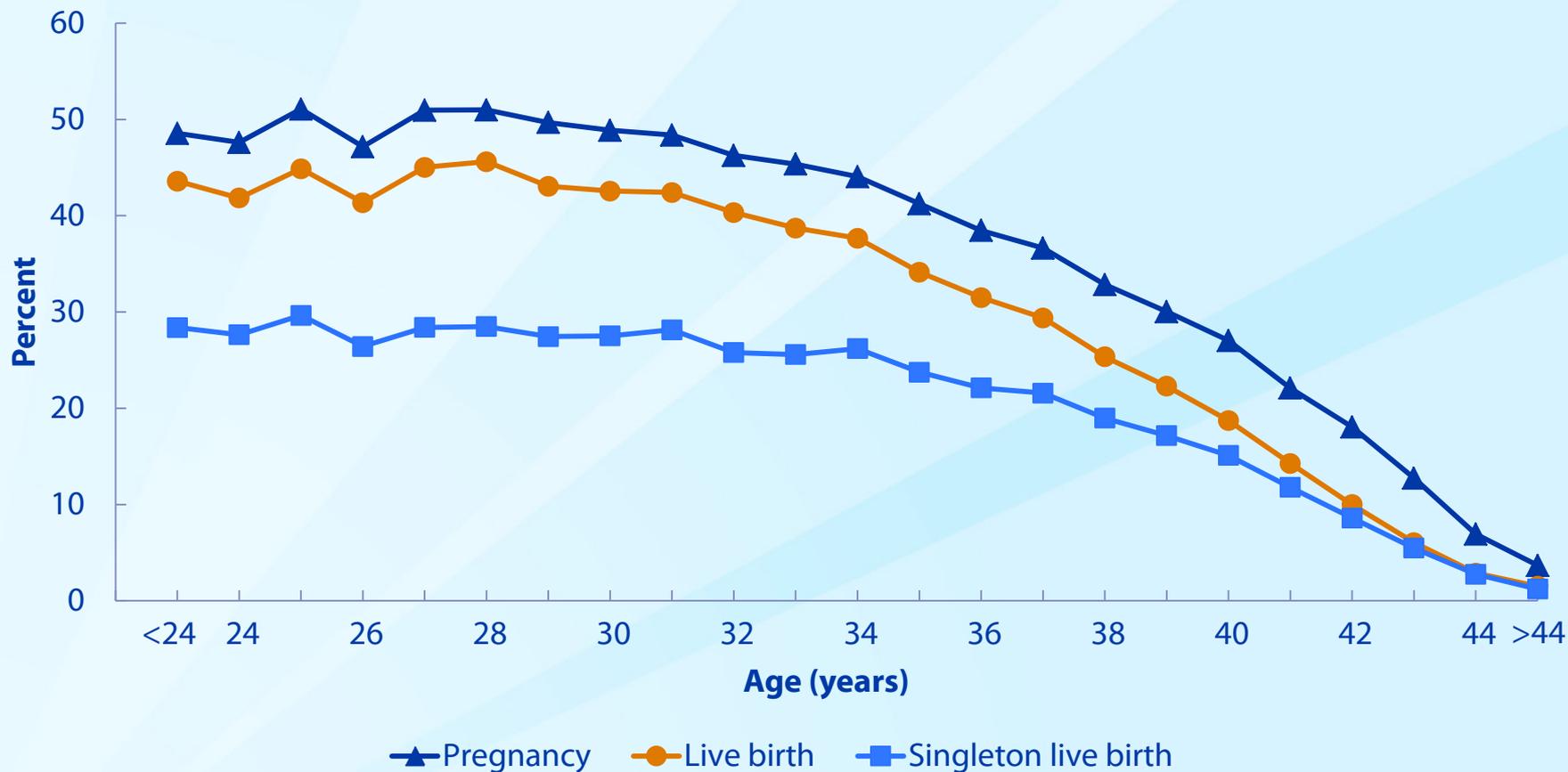
Percentages of Low-Birth-Weight Infants from ART Cycles Using Fresh Nondonor Eggs or Embryos, by Number of Infants Born, 2009



Age Distribution of Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, 2009

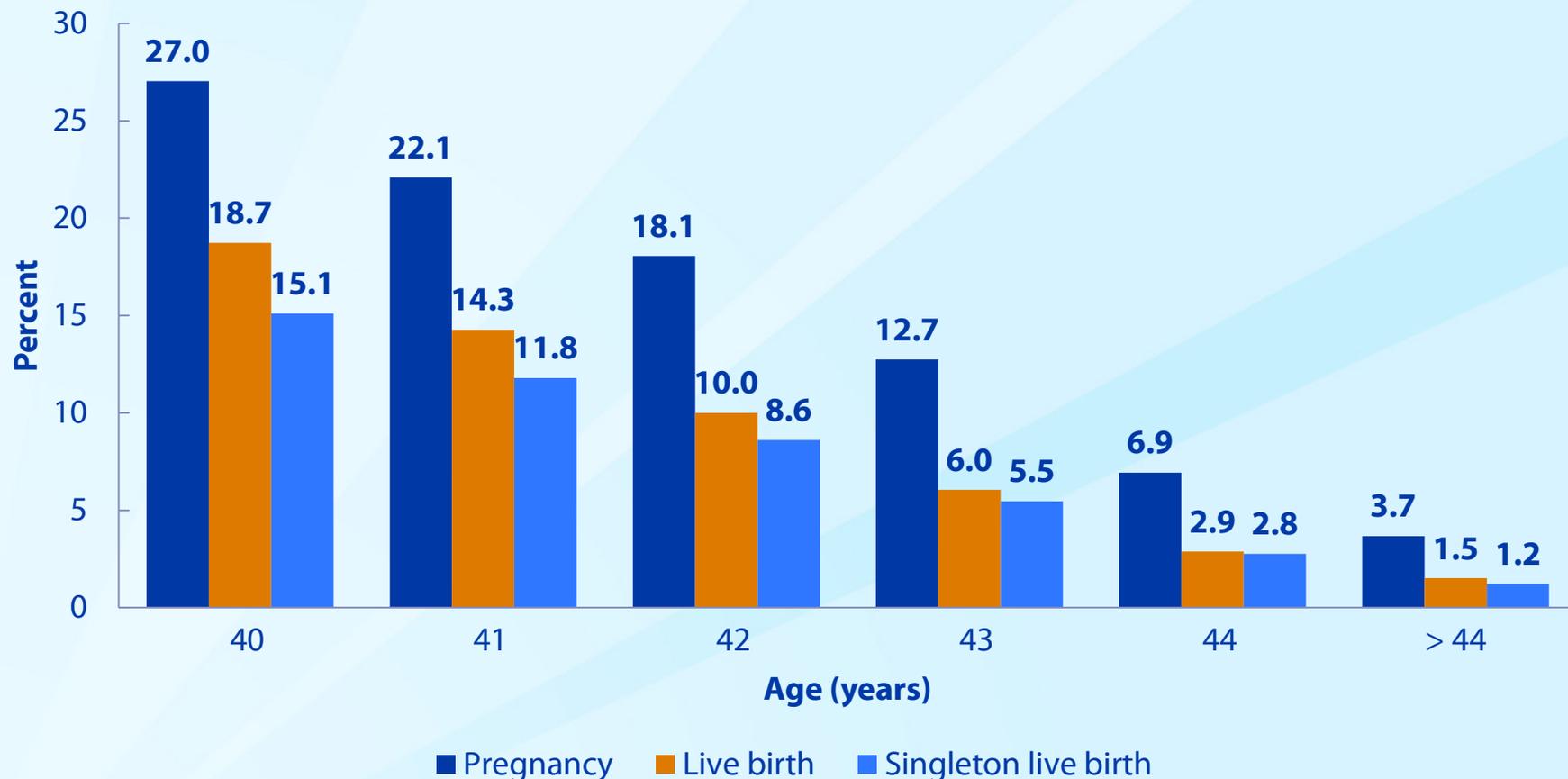


Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Singleton Live Births, by Age of Woman,* 2009



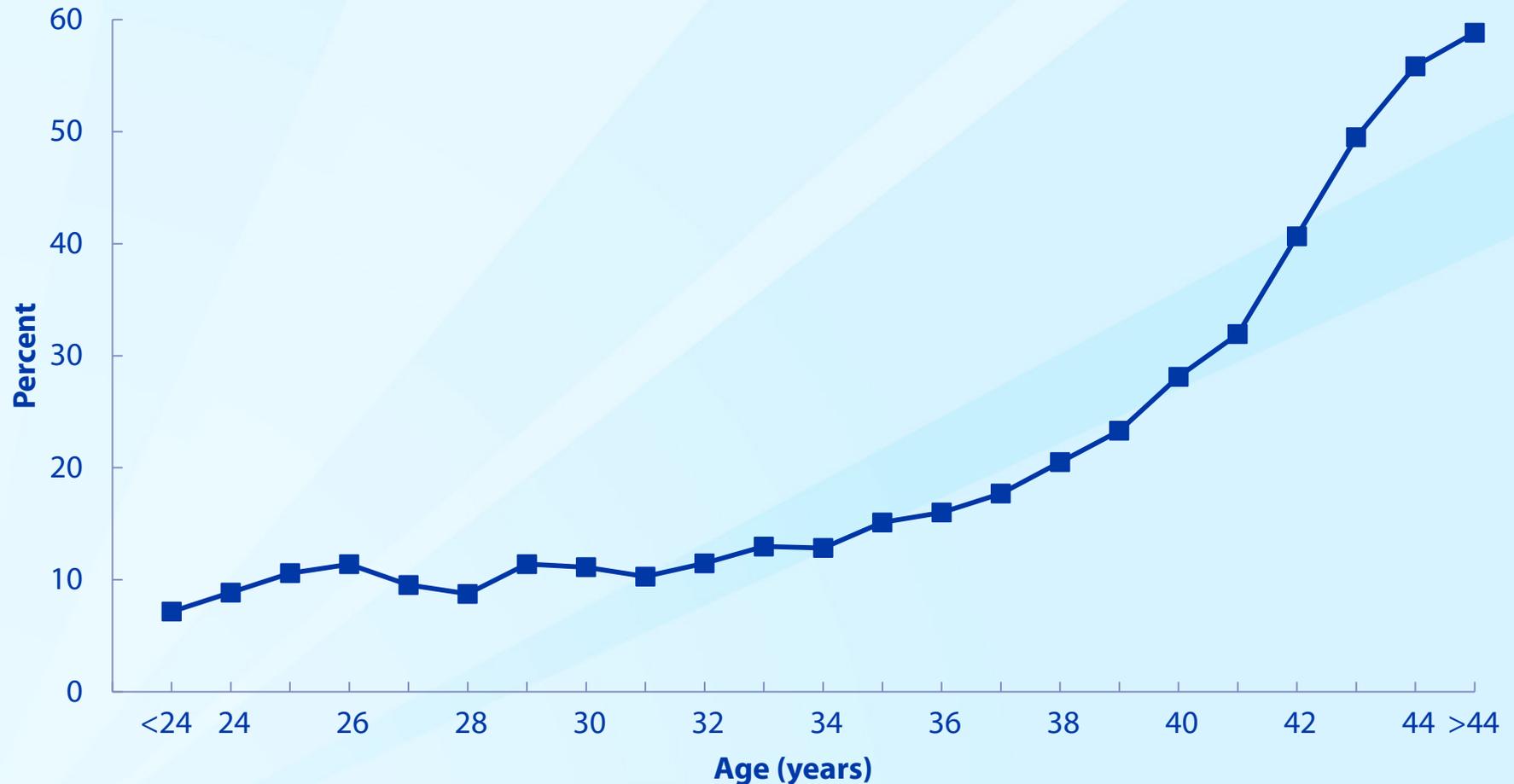
*For consistency, all percentages are based on cycles started.

Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Singleton Live Births Among Women Aged 40 or Older,* 2009

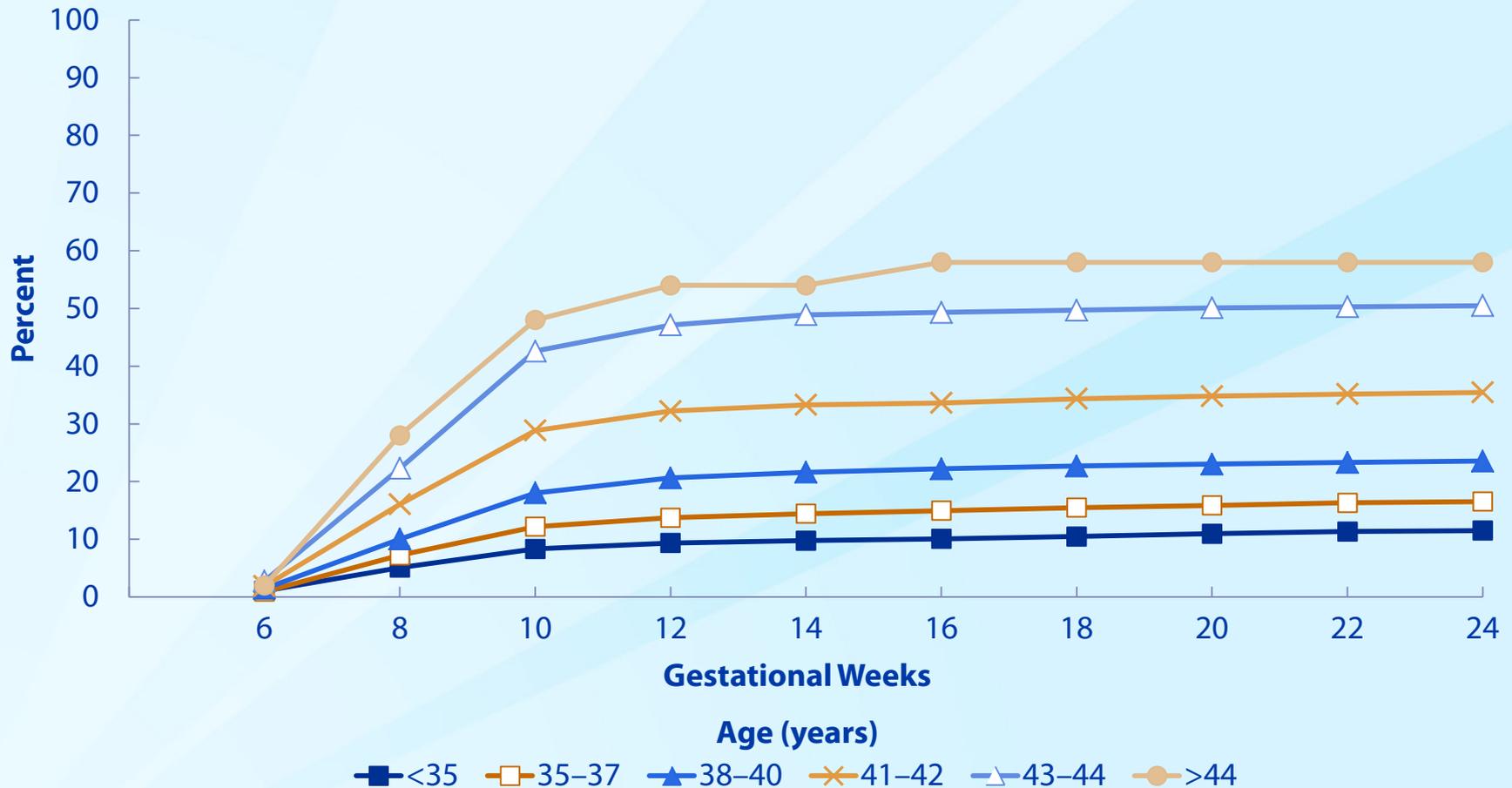


*For consistency, all percentages are based on cycles started.

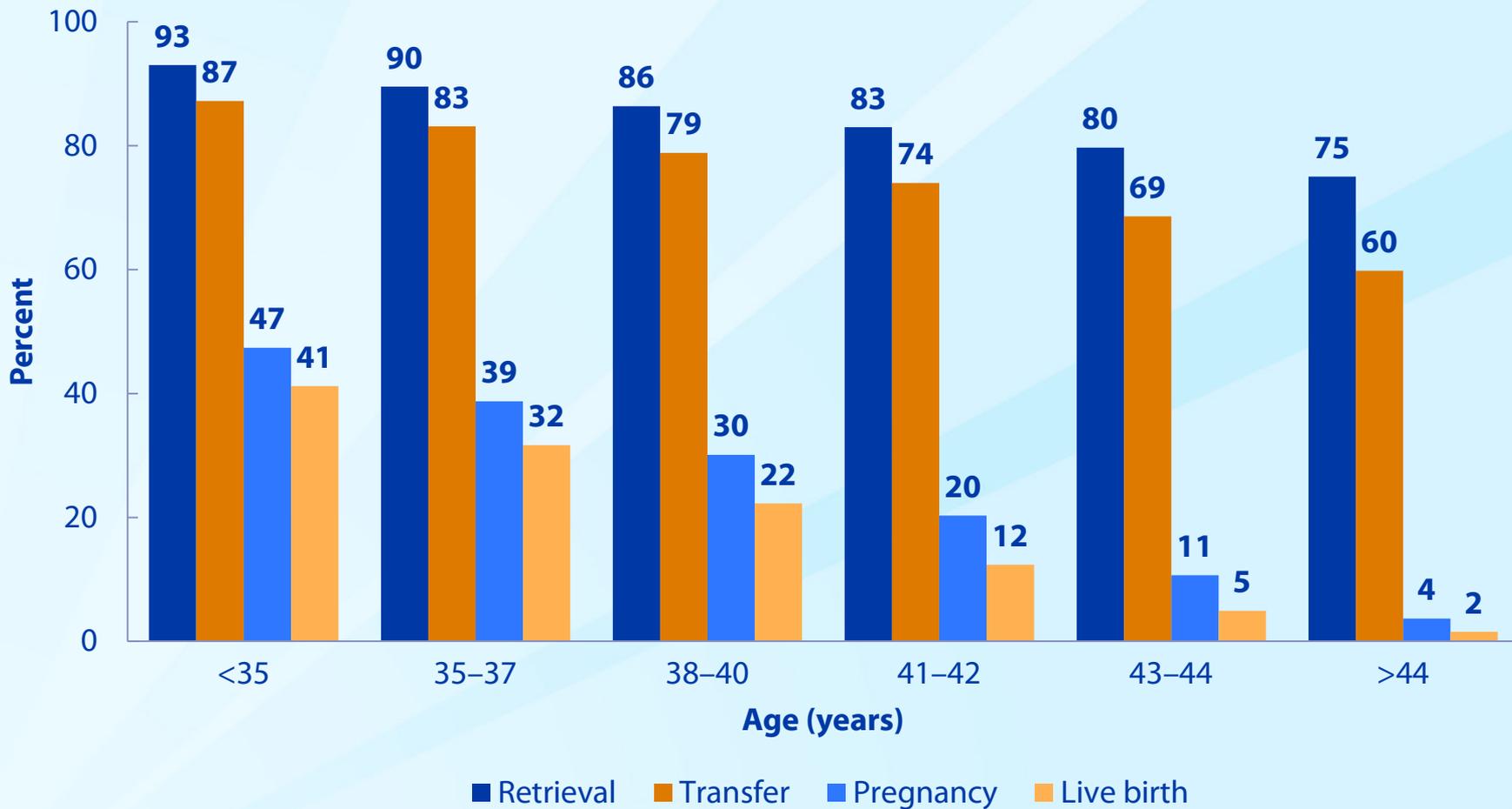
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Miscarriage, by Age of Woman, 2009



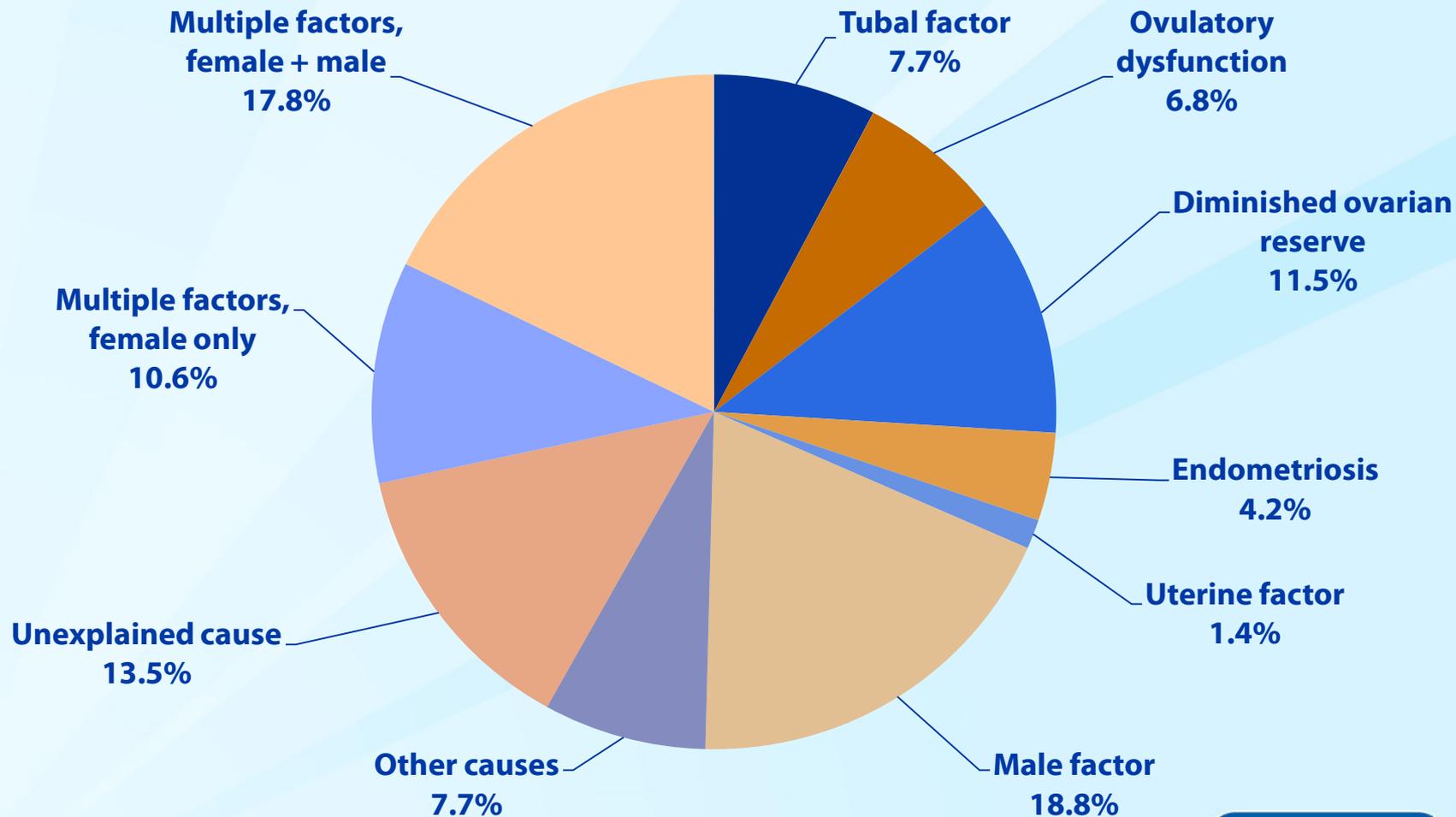
Percentages of Pregnancies That Were Lost Through Week 24 Among ART Cycles Using Fresh Nondonor Eggs or Embryos, by Age of Woman, 2009



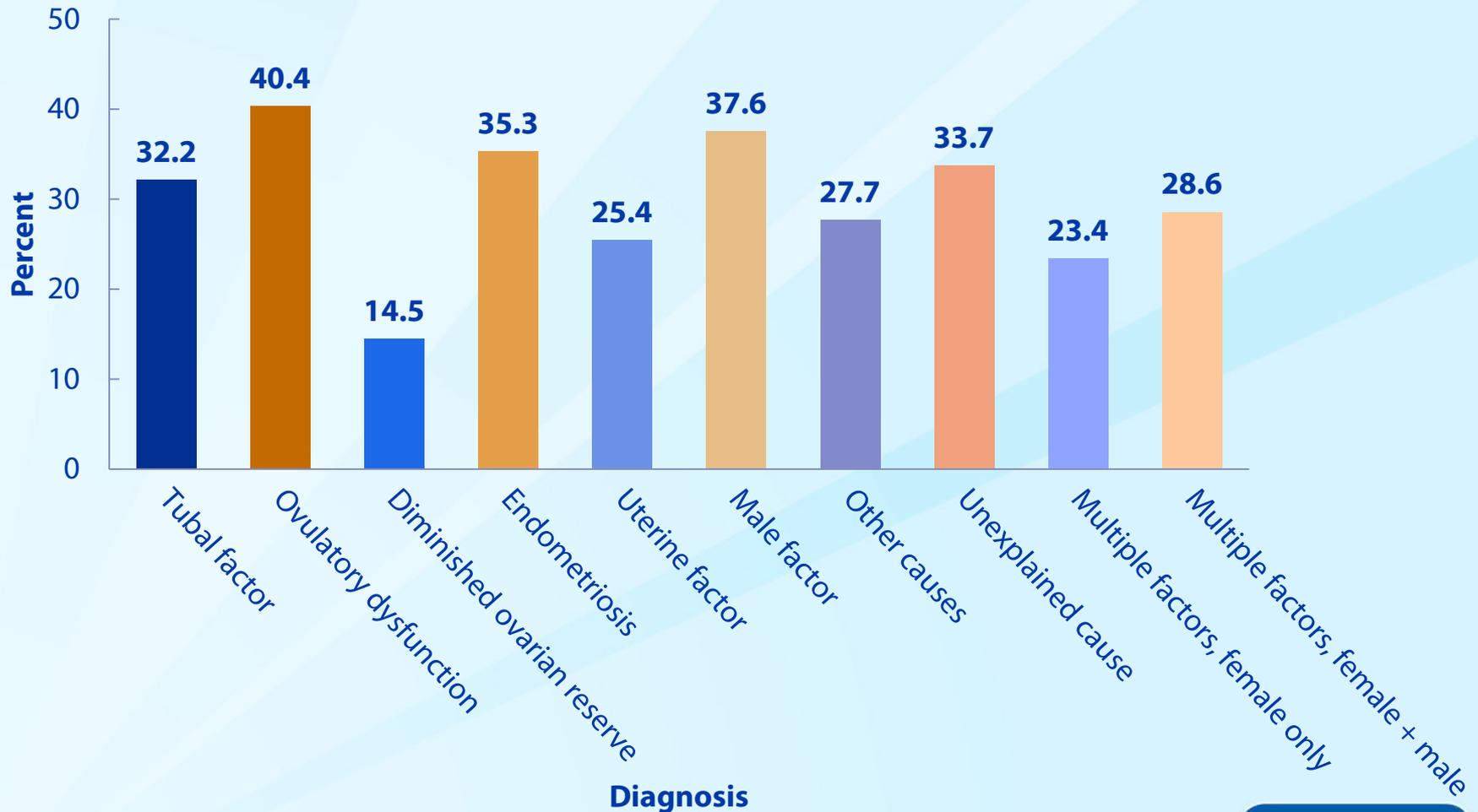
Outcomes of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Stage and Age Group, 2009



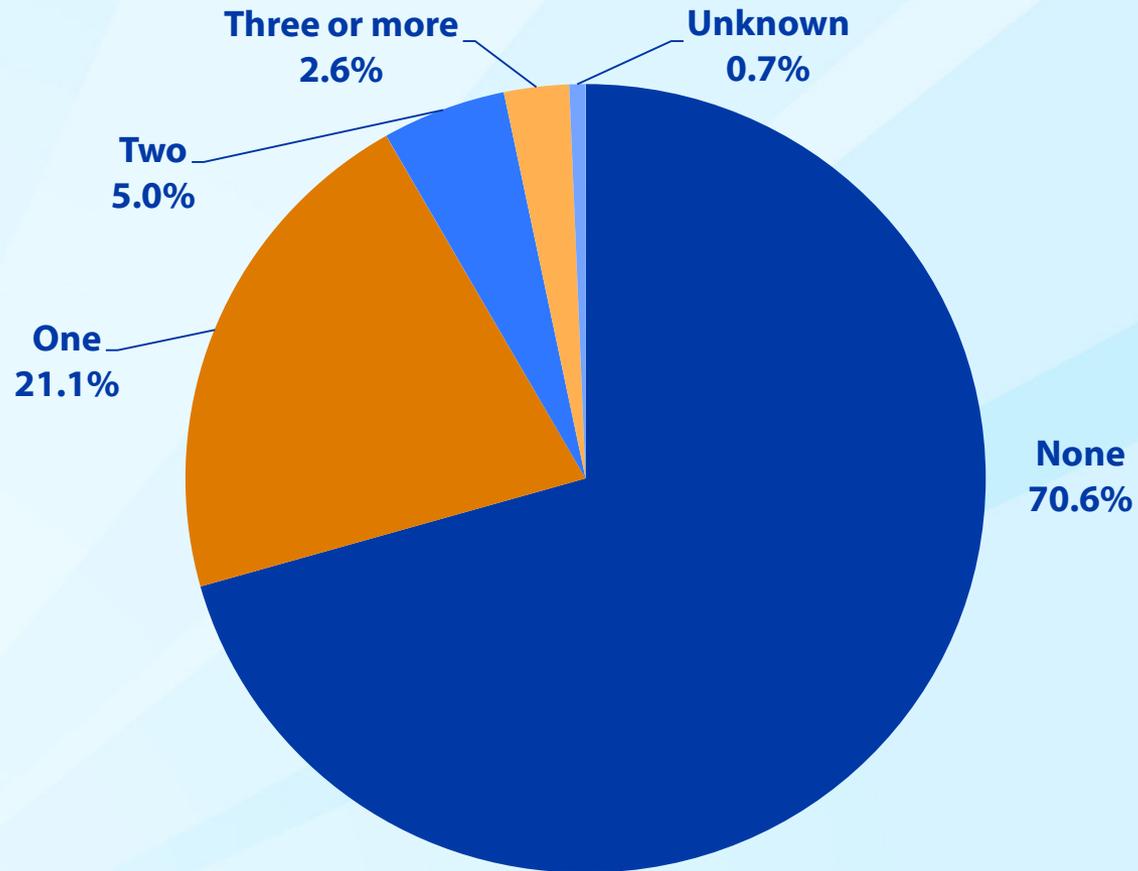
Diagnoses Among Couples Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, 2009



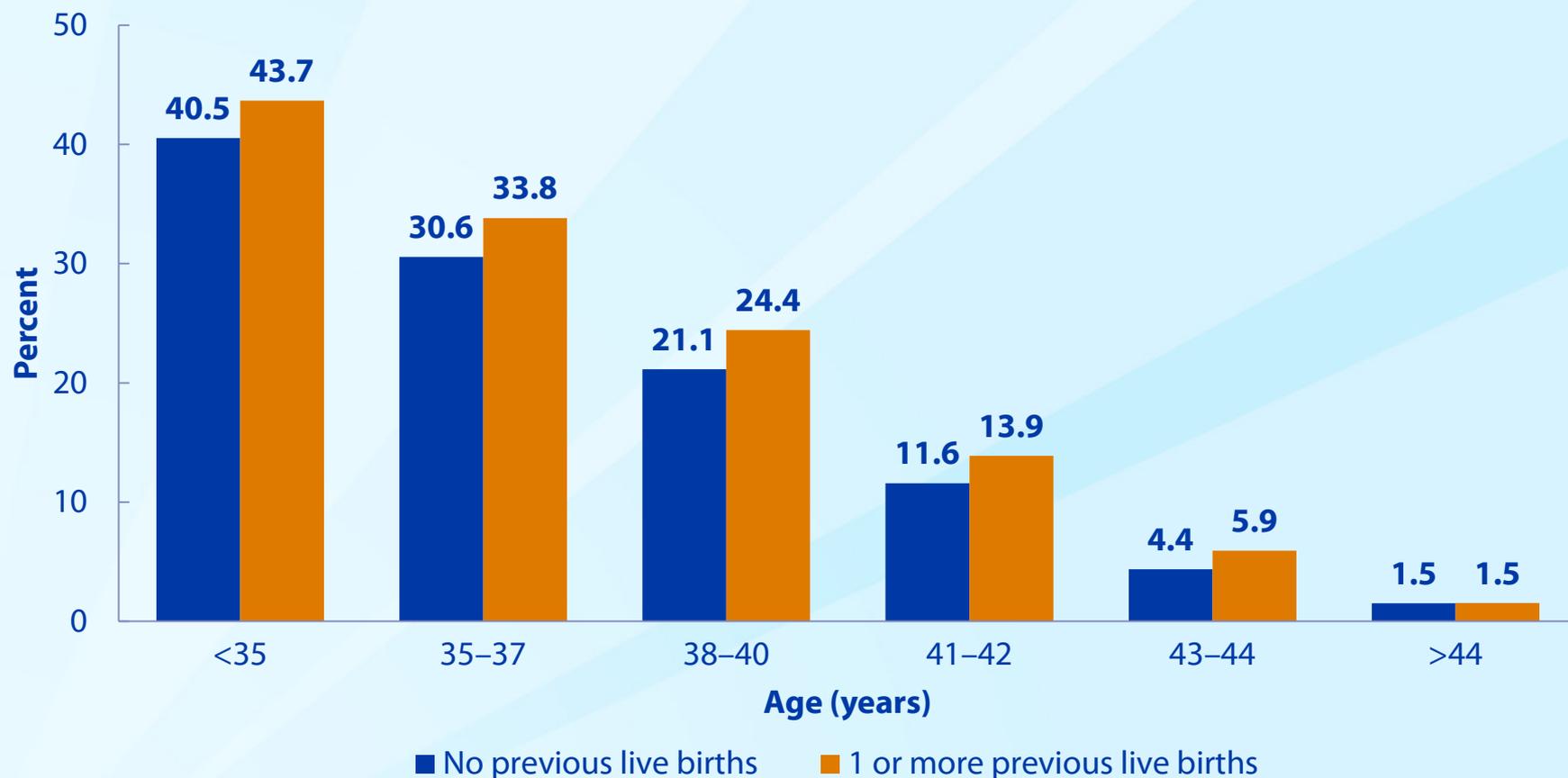
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Diagnosis, 2009



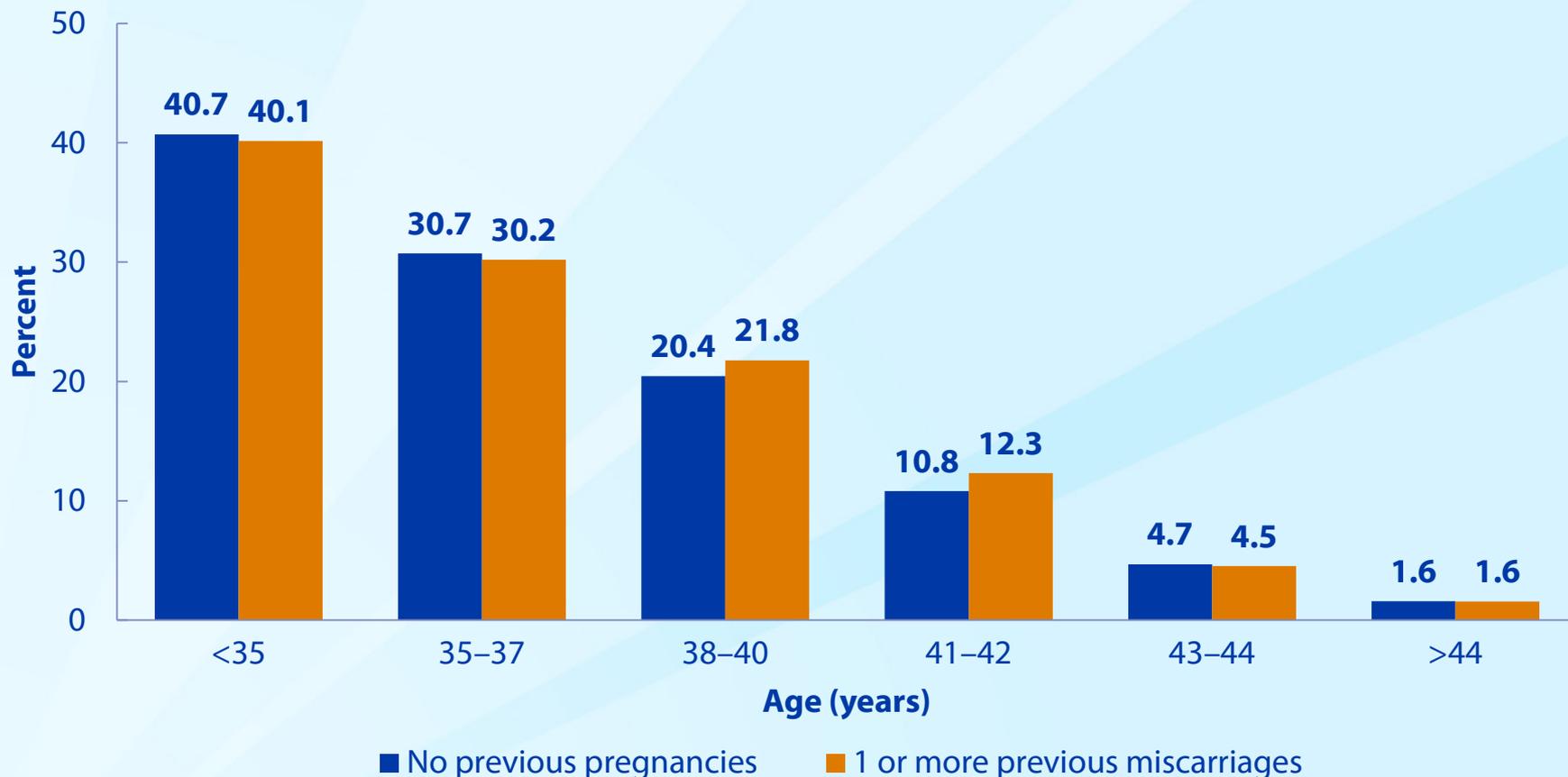
Numbers of Previous Births Among Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, 2009



Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age of Woman and Number of Previous Live Births, 2009

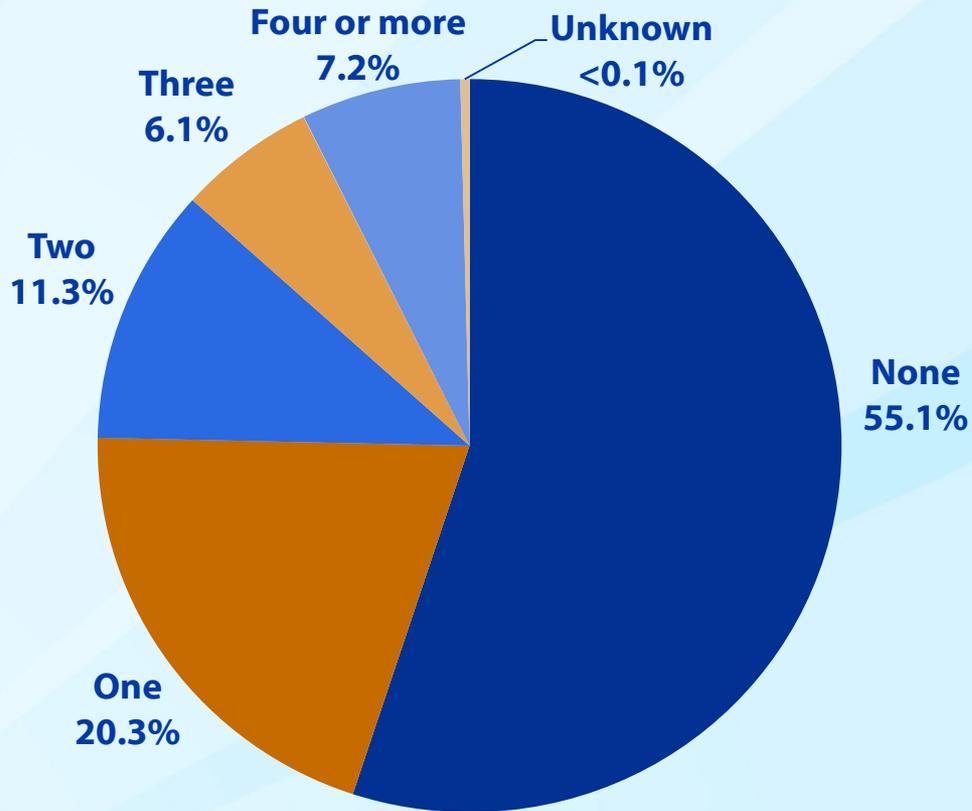


Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age of Woman and History of Miscarriage, Among Women with No Previous Births,* 2009



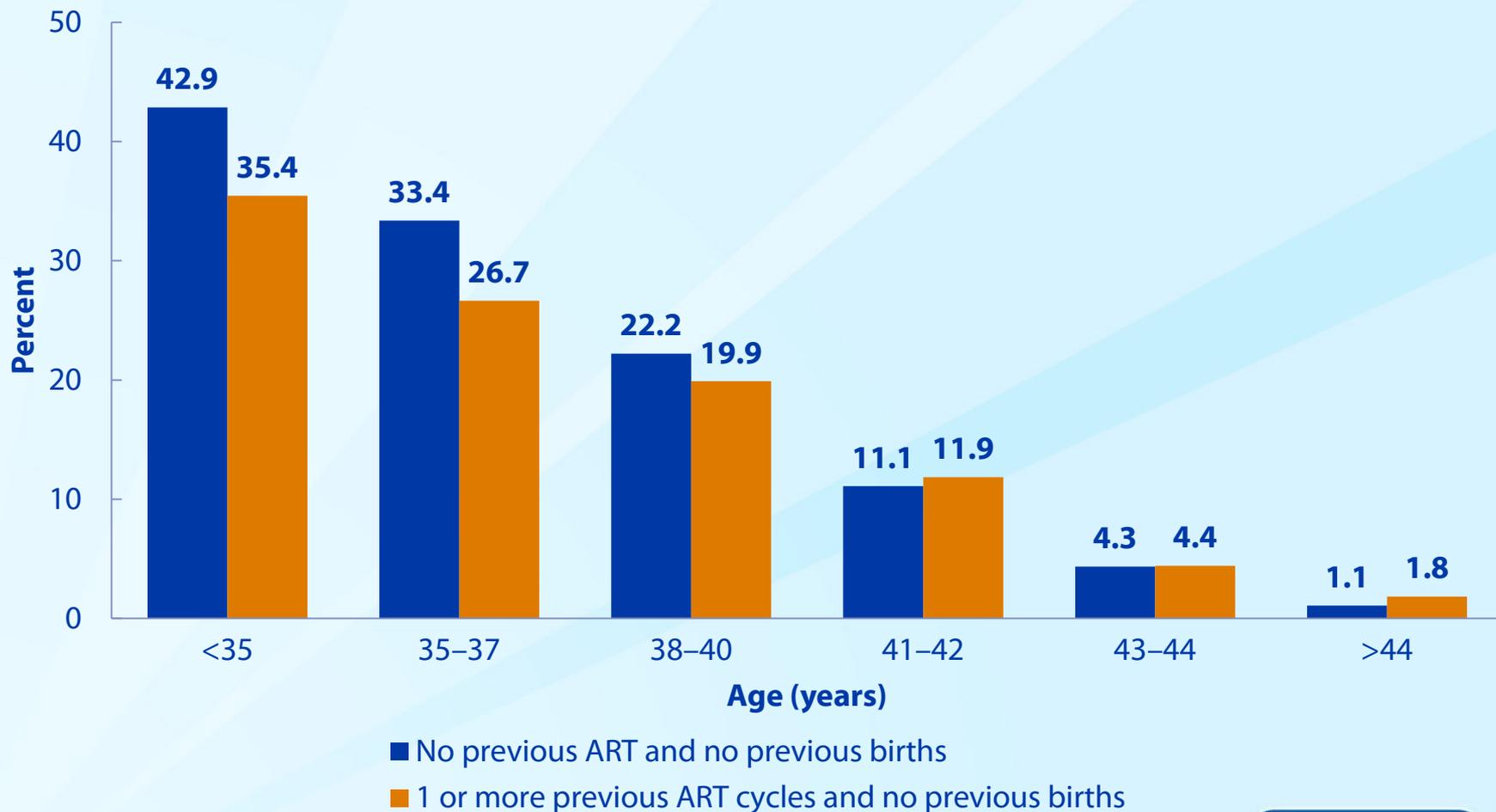
* Women reporting only previous ectopic pregnancies or pregnancies that ended in induced abortion are not included.

Numbers of Previous ART Cycles Among Women Undergoing ART with Fresh Nondonor Eggs or Embryos,* 2009

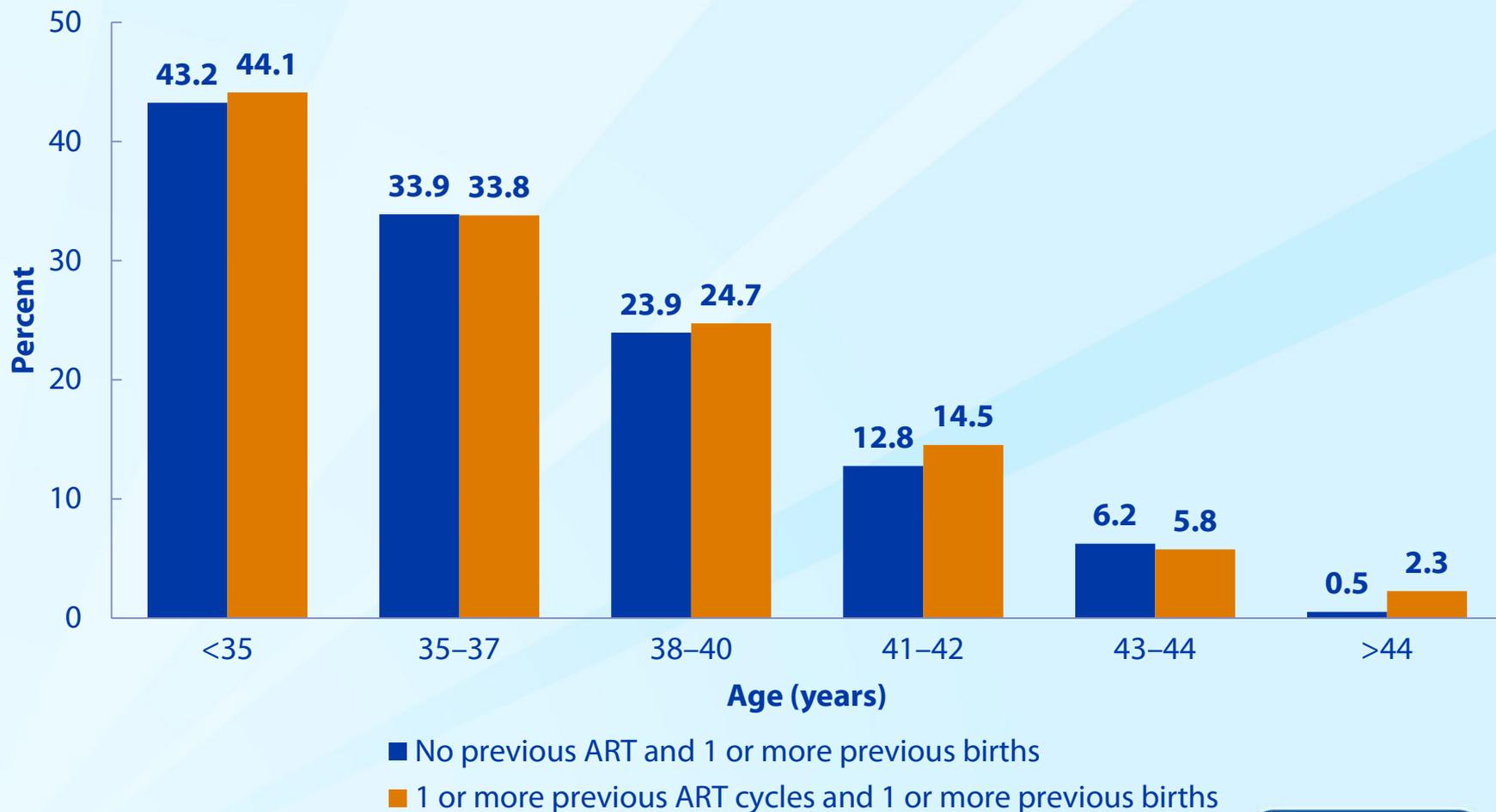


*Total does not equal 100% due to rounding.

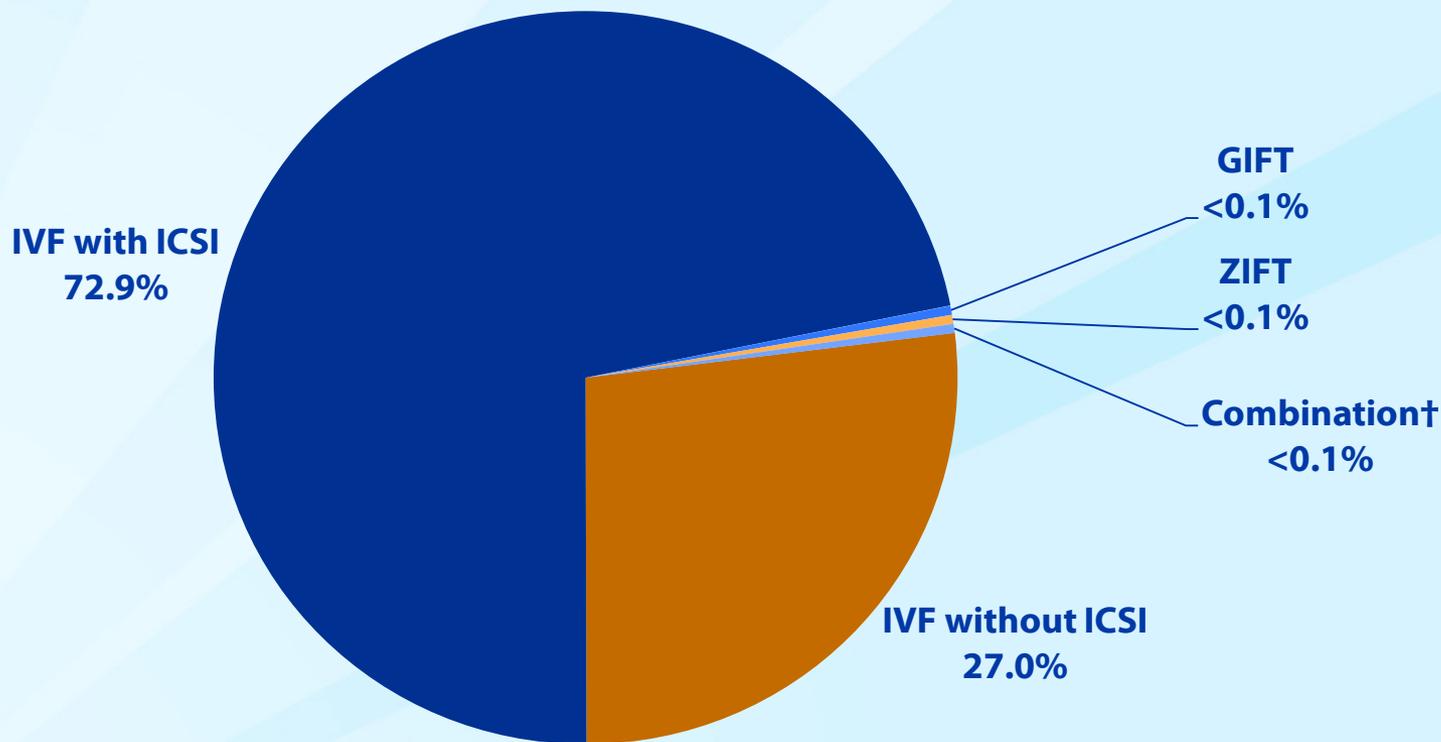
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age of Woman and History of Previous ART Cycles, Among Women with No Previous Births, 2009



Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age of Woman and History of Previous ART Cycles, Among Women with One or More Previous Births, 2009



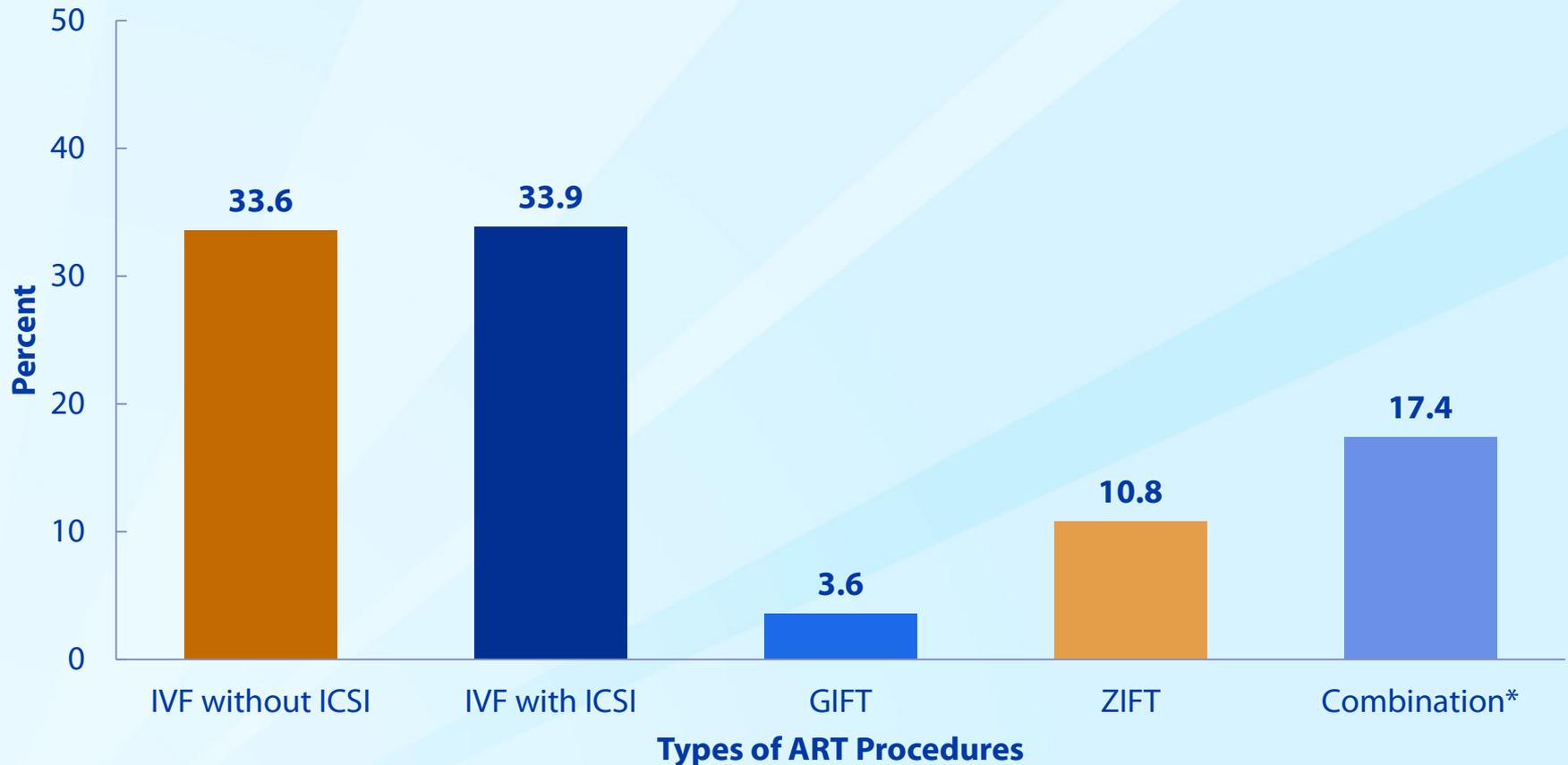
Types of ART Procedures Using Fresh Nondonor Eggs or Embryos,* 2009



*Total does not equal 100% due to rounding.

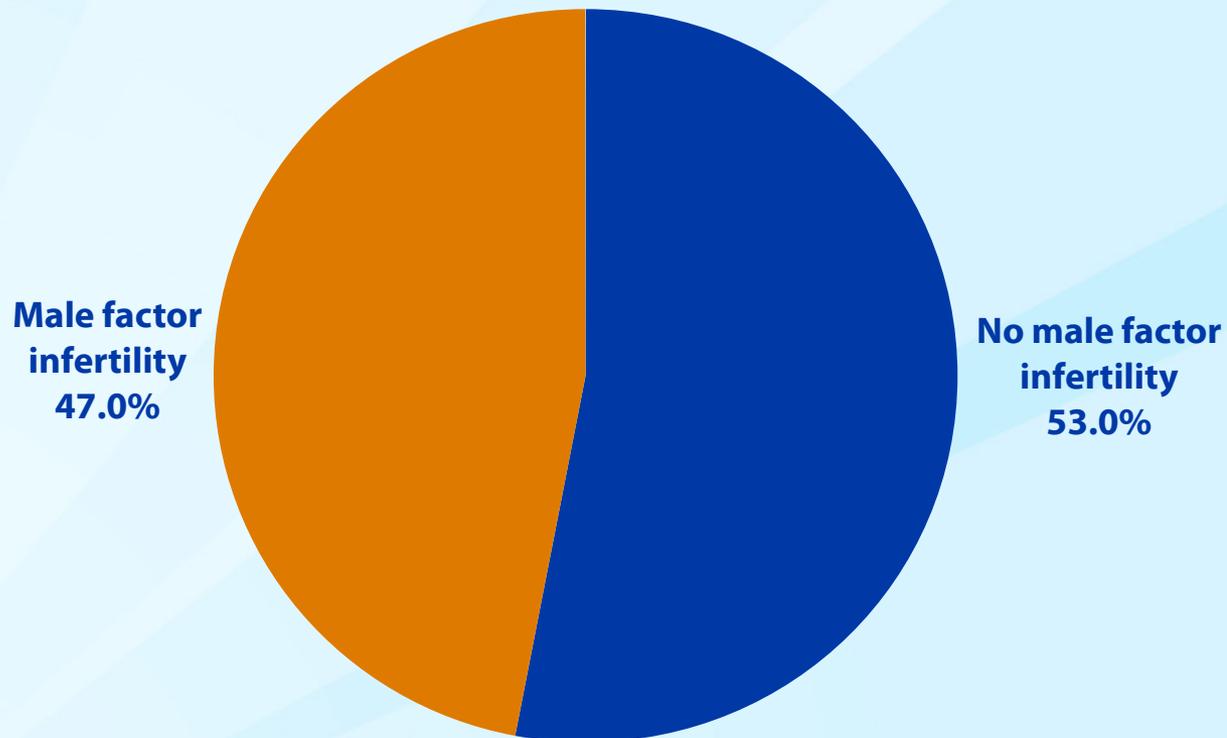
†Combination of IVF with or without ICSI and either GIFT or ZIFT.

Percentages of Egg Retrievals That Resulted in Live Births, by Type of ART Procedure, 2009



*Combination of IVF with or without ICSI and either GIFT or ZIFT.

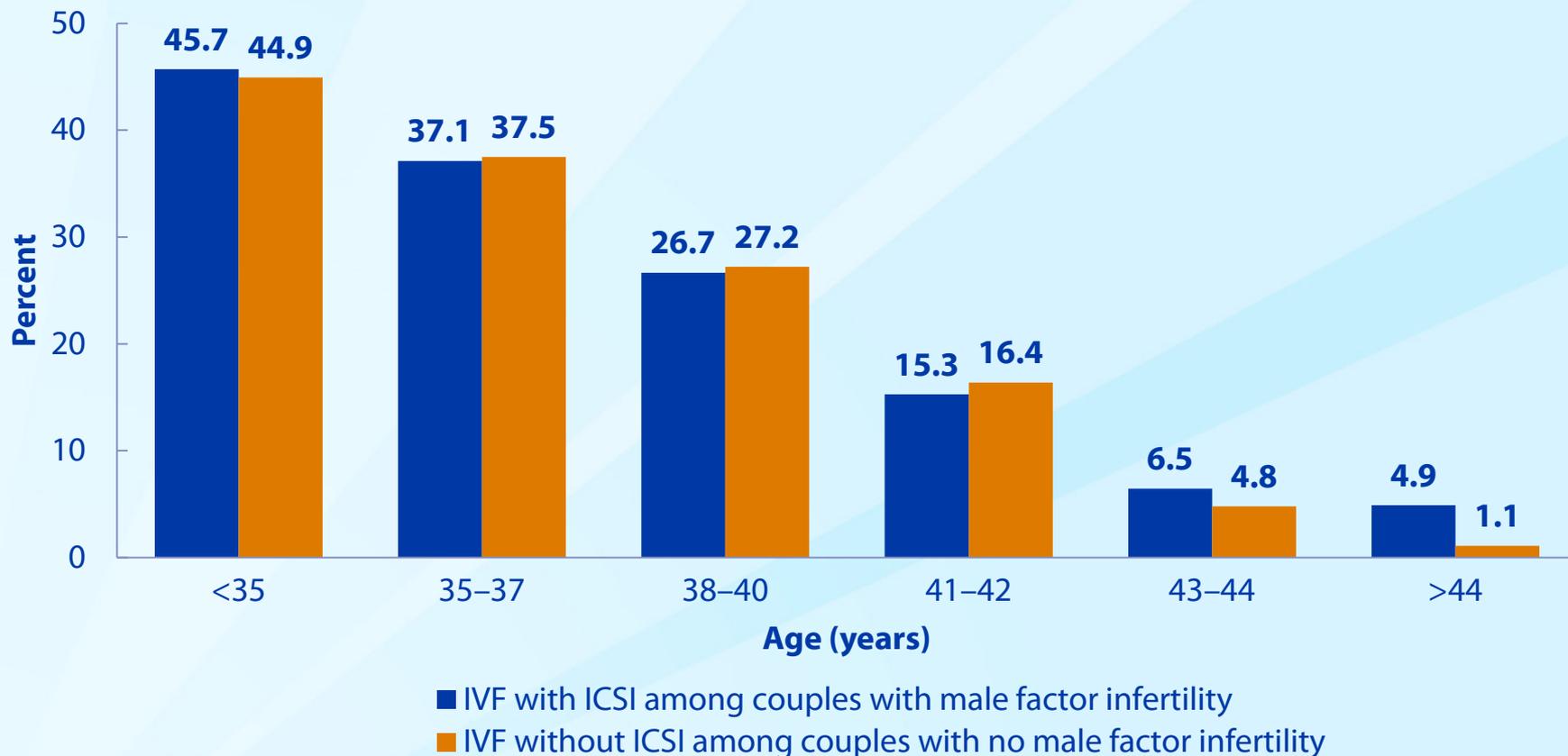
Use of ICSI* in Fresh Nondonor Cycles Among Couples With and Without Diagnoses of Male Factor Infertility,† 2009



* Intracytoplasmic sperm injection.

† Based on 66,439 cycles that used IVF with ICSI.

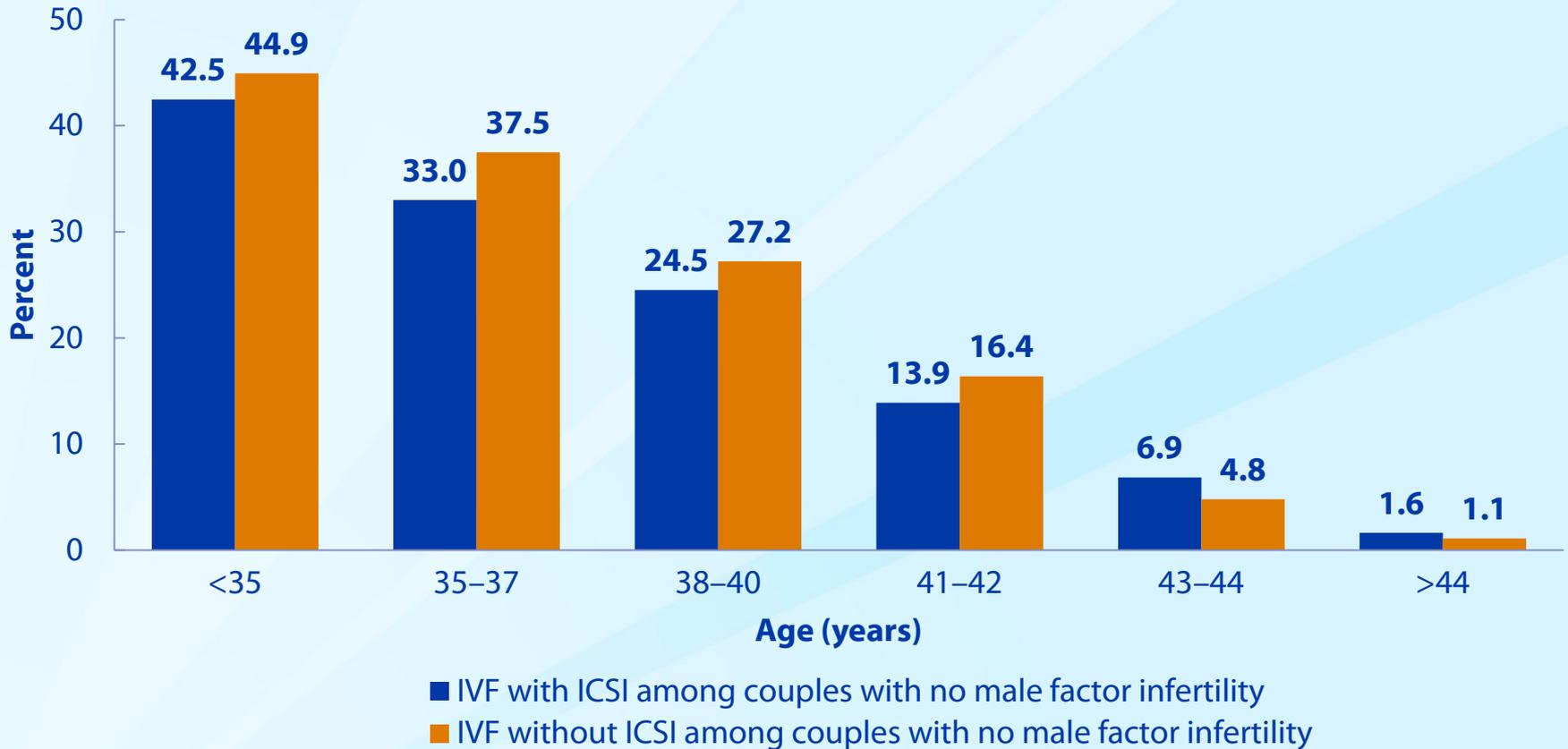
Percentages of Retrievals That Resulted in Live Births Among Couples Diagnosed with Male Factor Infertility Who Used IVF with ICSI,* Compared with Couples Not Diagnosed with Male Factor Infertility Who Used IVF Without ICSI, by Age of Woman,† 2009



*Intracytoplasmic sperm injection.

†Cycles using donor sperm and cycles using GIFT or ZIFT are excluded.

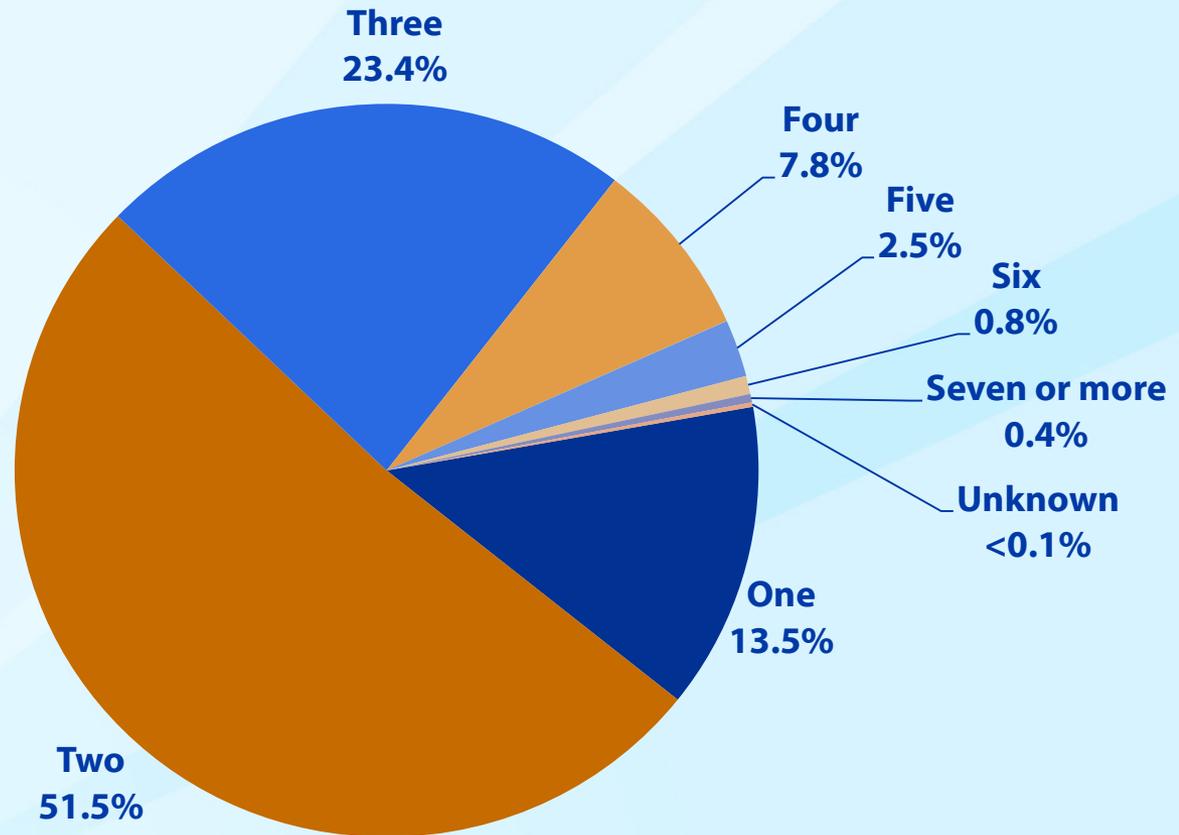
Percentages of Retrievals That Resulted in Live Births Among Couples Not Diagnosed with Male Factor Infertility, by Use of ICSI* and Age of Woman,† 2009



*Intracytoplasmic sperm injection.

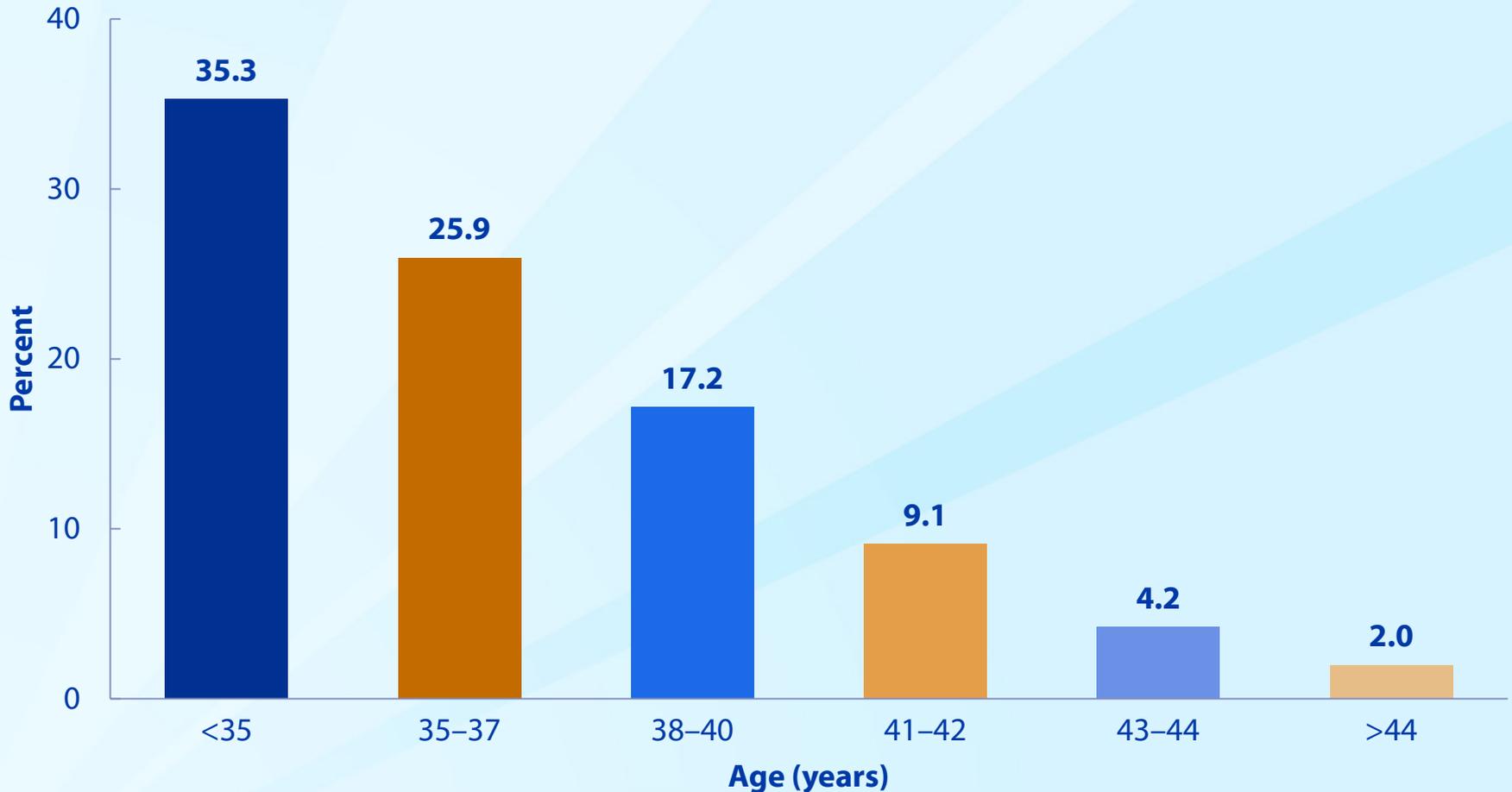
†Cycles using donor sperm and cycles using GIFT or ZIFT are excluded.

Numbers of Embryos Transferred During ART Cycles Using Fresh Nondonor Eggs or Embryos,* 2009

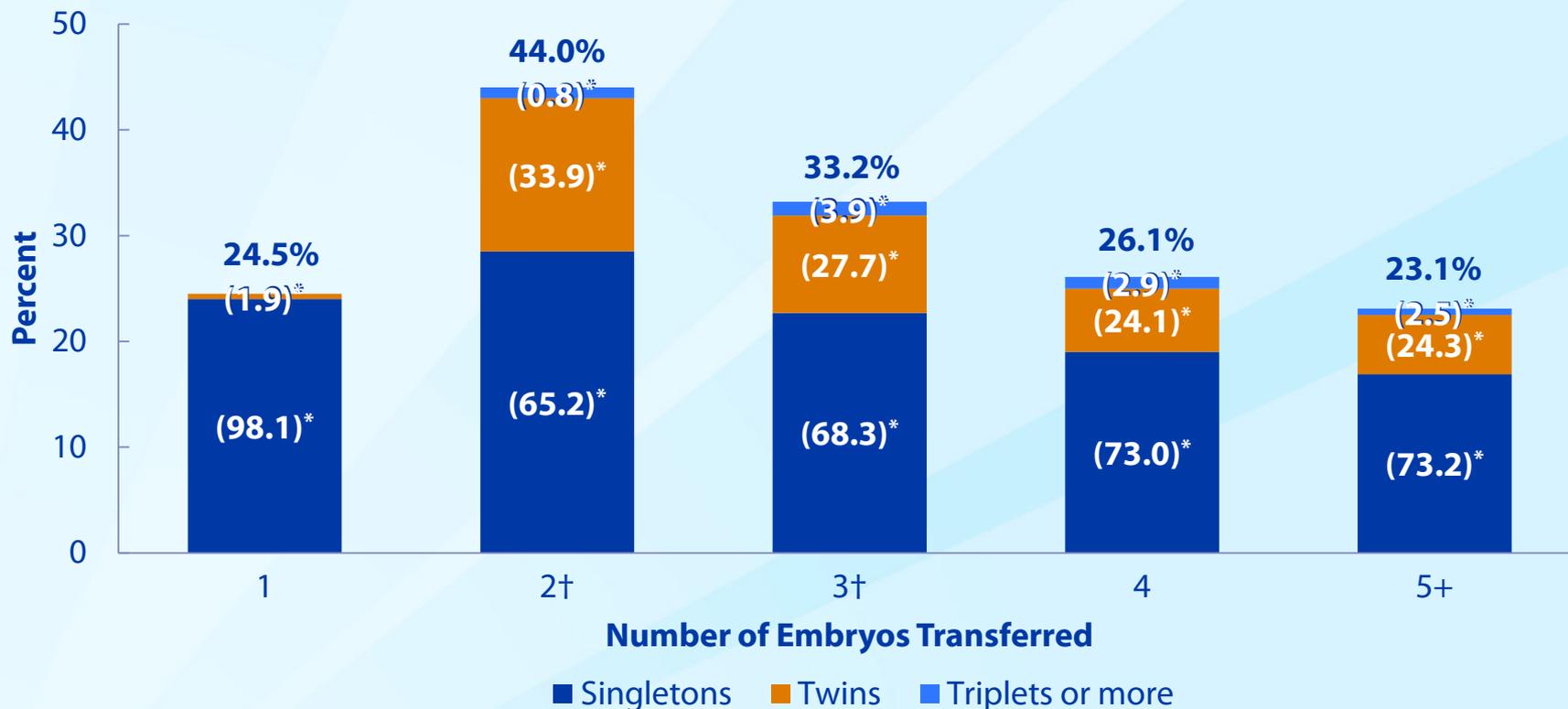


*Total does not equal 100% due to rounding.

Percentages of Embryos Transferred That Resulted in Implantation Among Women Using Fresh Nondonor Eggs or Embryos, by Age Group, 2009



Percentages of Transfers That Resulted in Live Births and Percentages of Multiple-Infant Live Births for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Number of Embryos Transferred, 2009

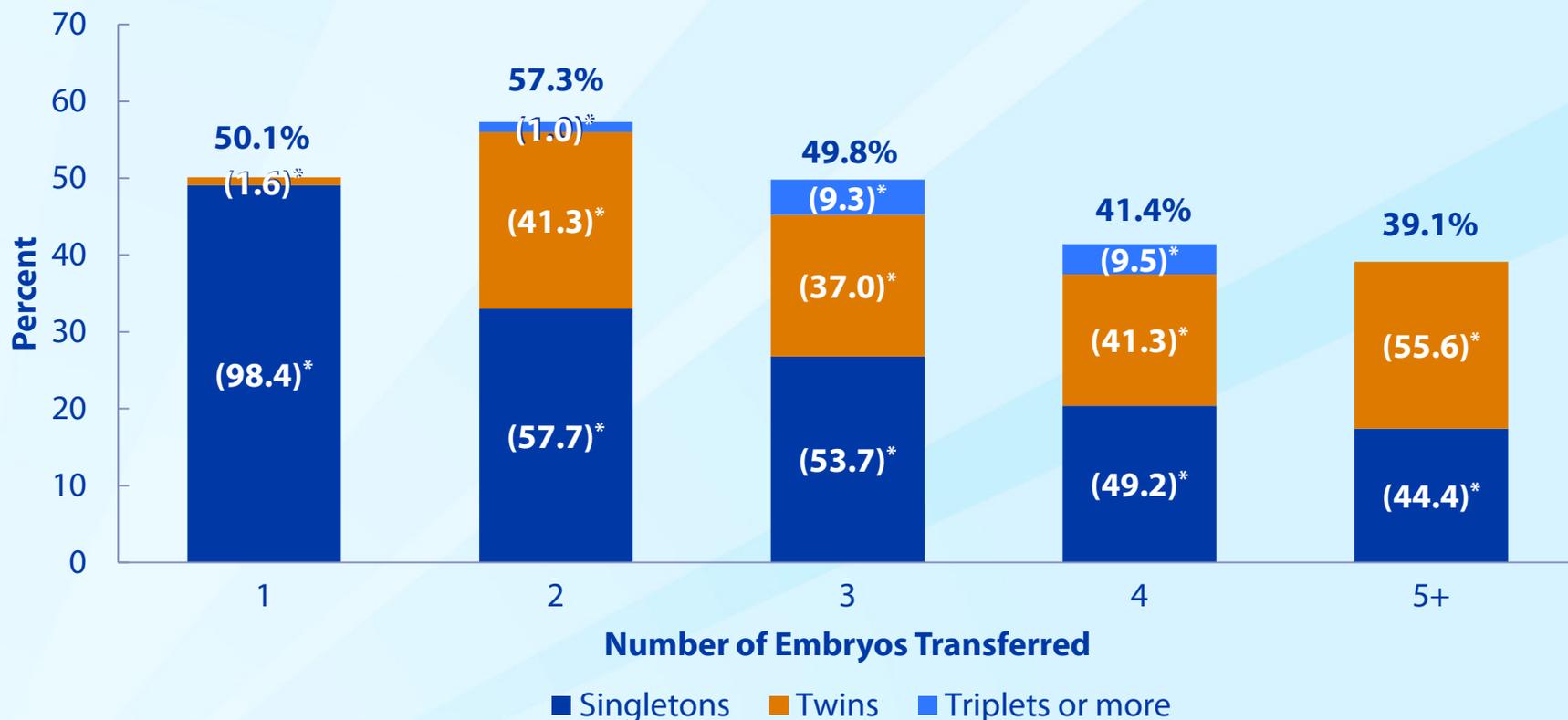


* Percentages of live births that were singletons, twins, and triplets or more are in parentheses.

Note: In rare cases a single embryo may divide and thus produce twins. For this reason, a small percentage of twins resulted from a single embryo transfer, and a small percentage of triplets resulted when two embryos were transferred.

† Totals do not equal 100% due to rounding.

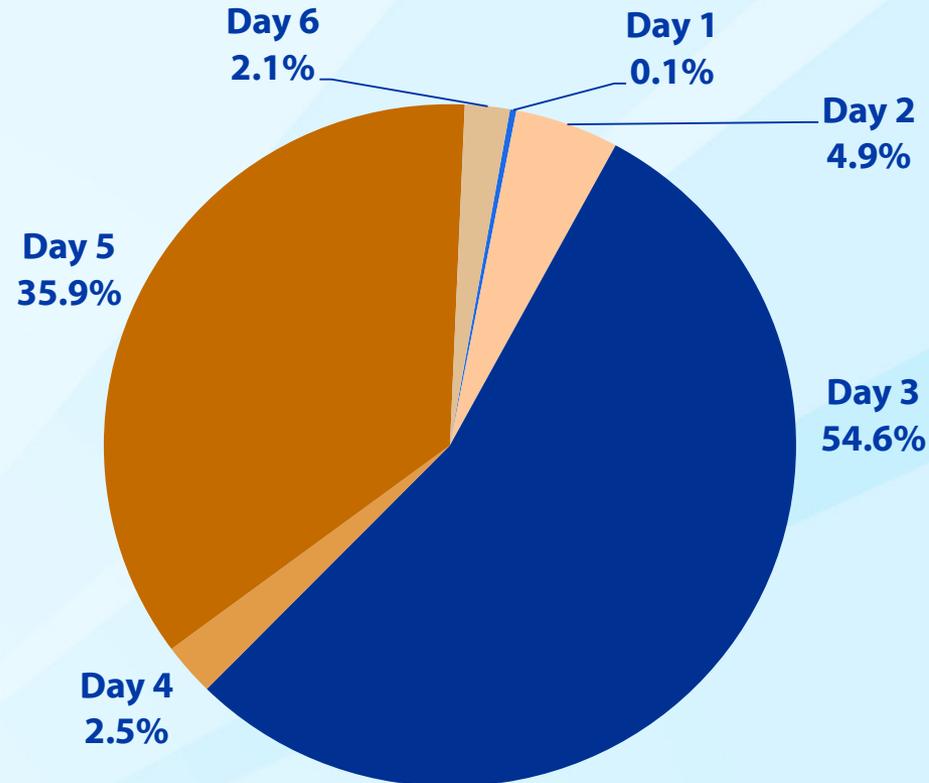
Percentages of Transfers That Resulted in Live Births and Percentages of Multiple-Infant Live Births for ART Cycles Among Women Who Were Younger Than 35, Used Fresh Nondonor Eggs or Embryos, and Set Aside Extra Embryos for Future Use, by Number of Embryos Transferred, 2009



*Percentages of live births that were singletons, twins, and triplets or more are in parentheses.

Note: In rare cases a single embryo may divide and thus produce twins. For this reason, a small percentage of twins resulted from a single embryo transfer, and a small percentage of triplets resulted when two embryos were transferred.

Day of Embryo Transfer* Among ART Cycles Using Fresh Nondonor Eggs or Embryos,†‡ 2009

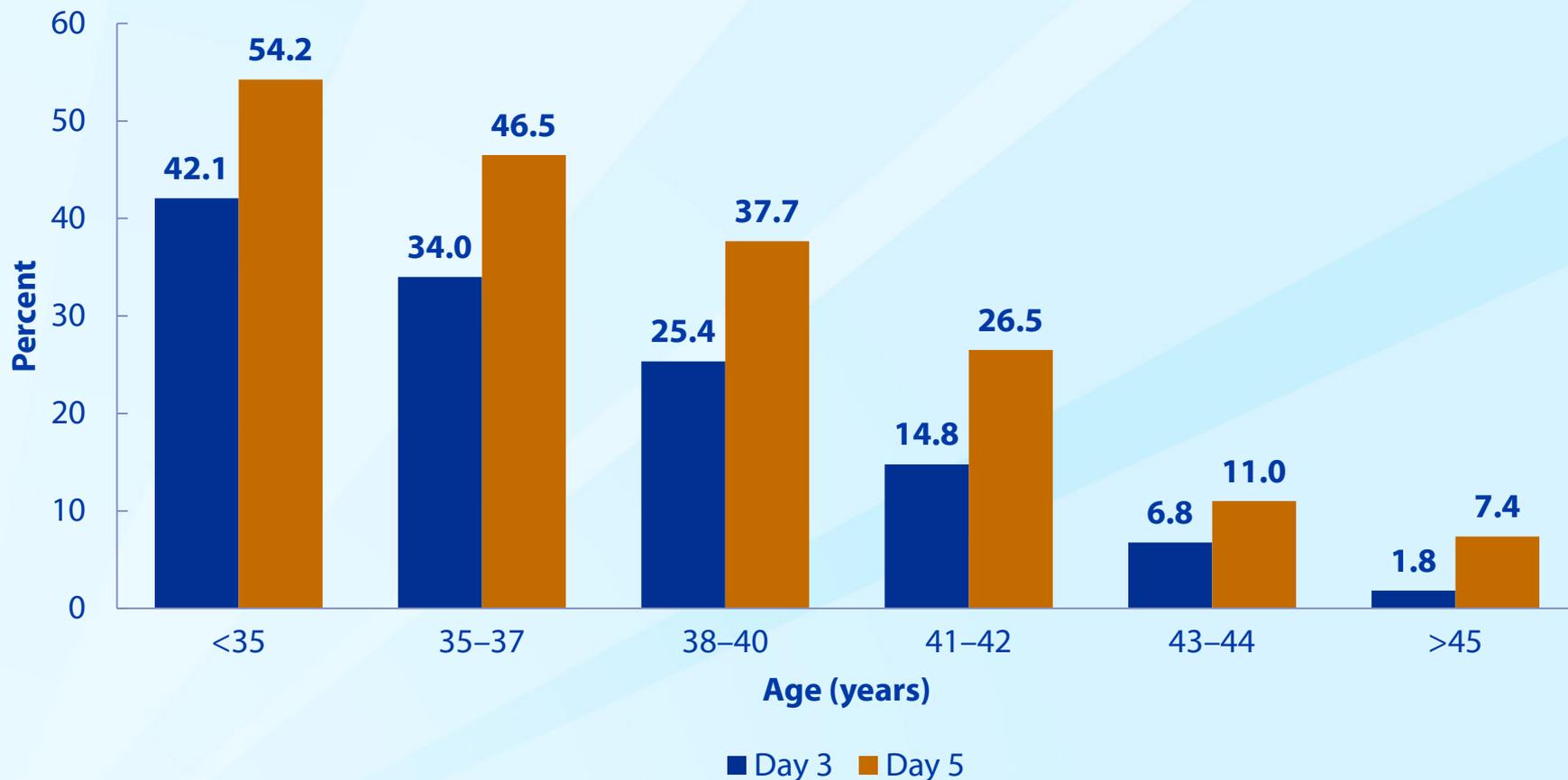


* Number of days following egg retrieval.

† Cycles using GIFT or ZIFT are excluded. Missing or implausible values for day of embryo transfer (i.e., 0 or >6) are not included.

‡ Total does not equal 100% due to rounding.

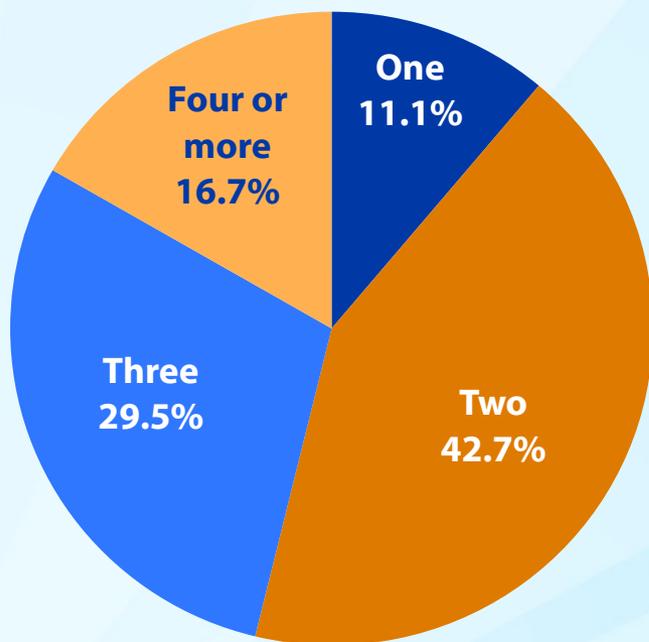
Percentages of Day 3 and Day 5 Embryo Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age of Woman,* 2009



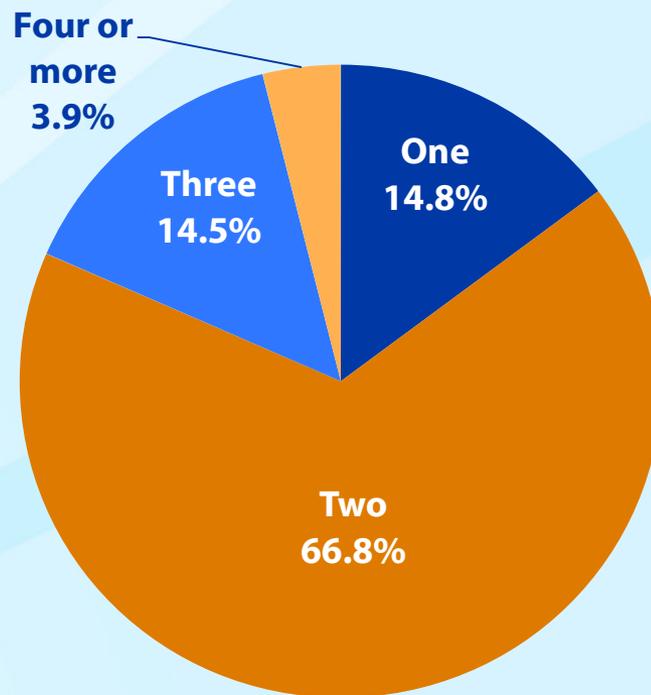
*Cycles using GIFT or ZIFT are excluded. This comparison is limited to transfers on day 3 and day 5. Embryo transfers performed on days 1, 2, 4, and 6 are not included because each of these accounted for a small proportion of procedures.

Numbers of Embryos Transferred During ART Cycles Using Fresh Nondonor Eggs or Embryos for Day 3 and Day 5 Embryo Transfers,* 2009

Day 3

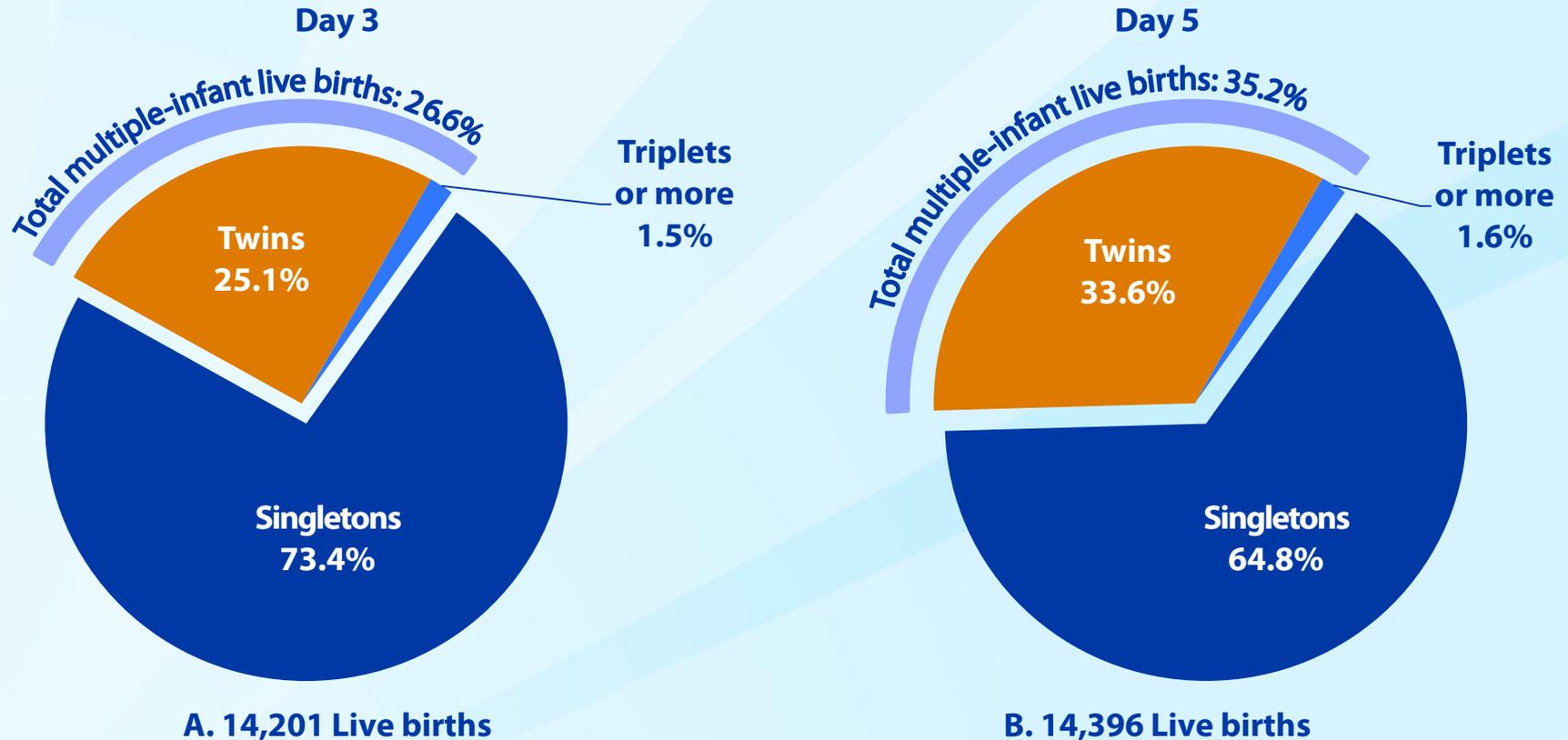


Day 5



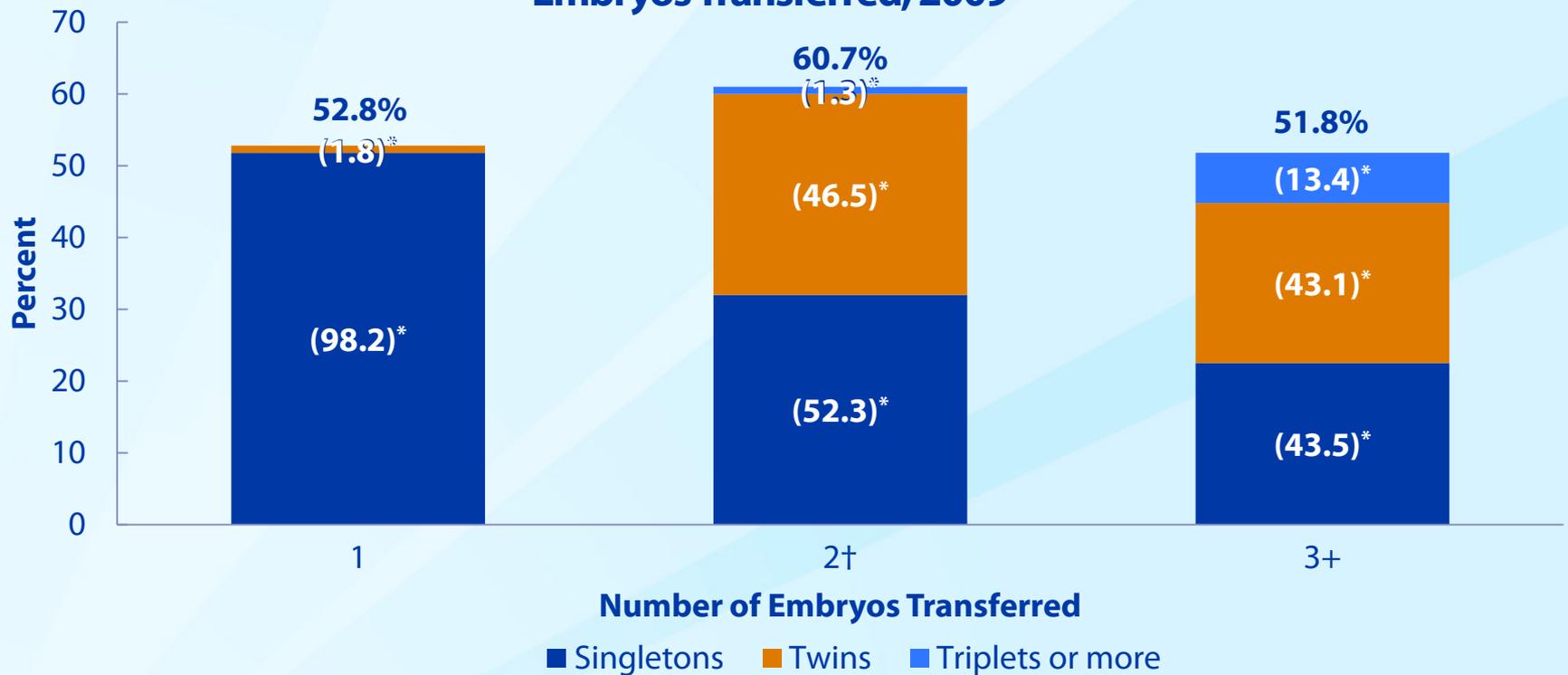
*Cycles using GIFT or ZIFT are excluded. This comparison is limited to transfers on day 3 and day 5. Embryo transfers performed on days 1, 2, 4, and 6 are not included because each of these accounted for a small proportion of procedures.

Risks of Having Multiple-Infant Live Births for ART Cycles Using Fresh Nondonor Eggs or Embryos for Day 3 and Day 5 Embryo Transfers,* 2009



*Cycles using GIFT or ZIFT are excluded. This comparison is limited to transfers on day 3 and day 5. Embryo transfers performed on days 1, 2, 4, and 6 are not included because each of these accounted for a small proportion of procedures.

Percentages of Transfers That Resulted in Live Births and Percentages of Multiple-Infant Live Births for Day 5 Embryo Transfers Among Women Who Were Younger Than 35, Used Fresh Nondonor Eggs or Embryos, and Set Aside Extra Embryos for Future Use, by Number of Embryos Transferred, 2009

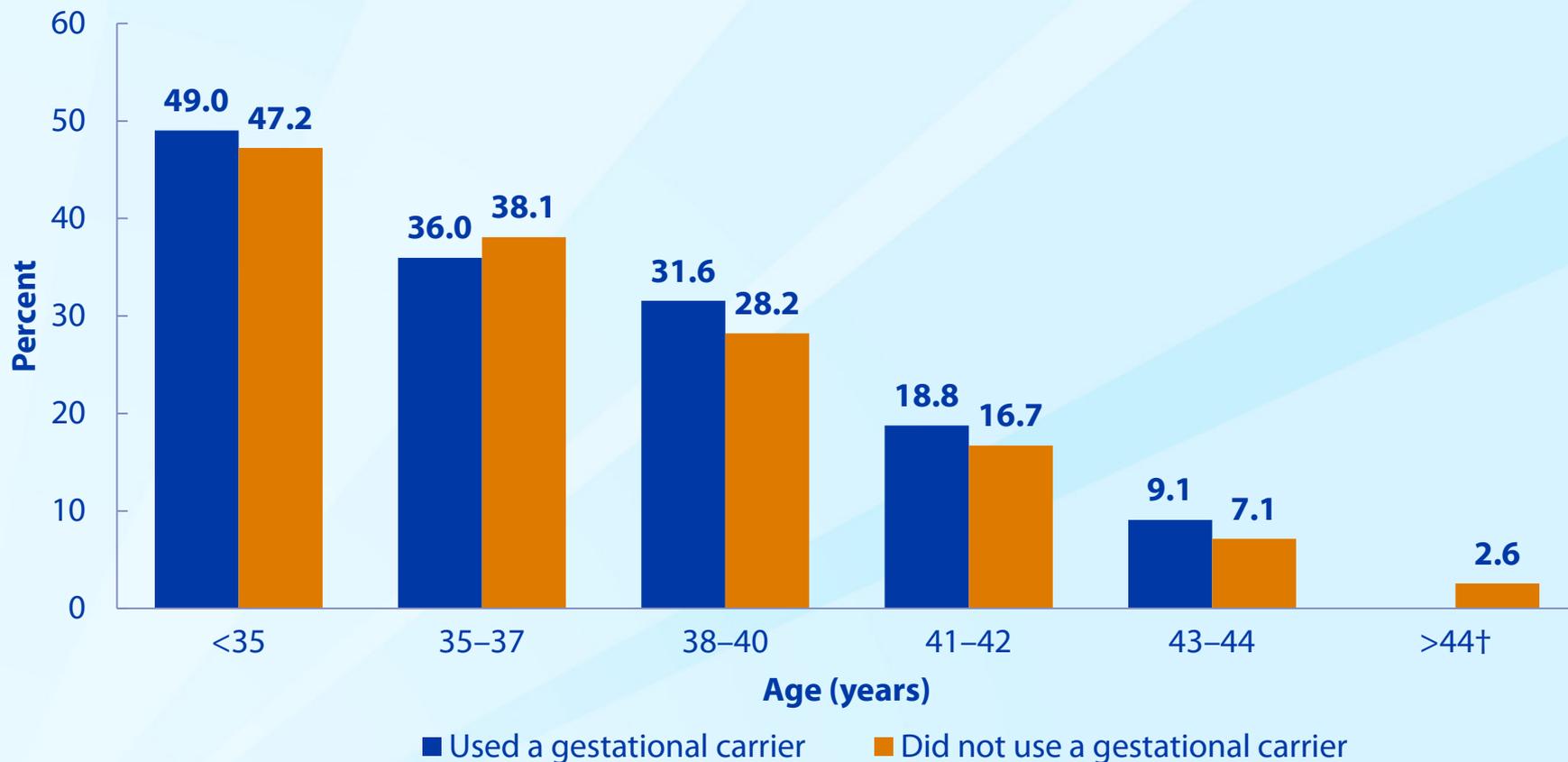


* Percentages of live births that were singletons, twins, and triplets or more are in parentheses.

Note: In rare cases a single embryo may divide and thus produce twins. For this reason, a small percentage of twins resulted from a single embryo transfer, and a small percentage of triplets resulted when two embryos were transferred.

† Total does not equal 100% due to rounding.

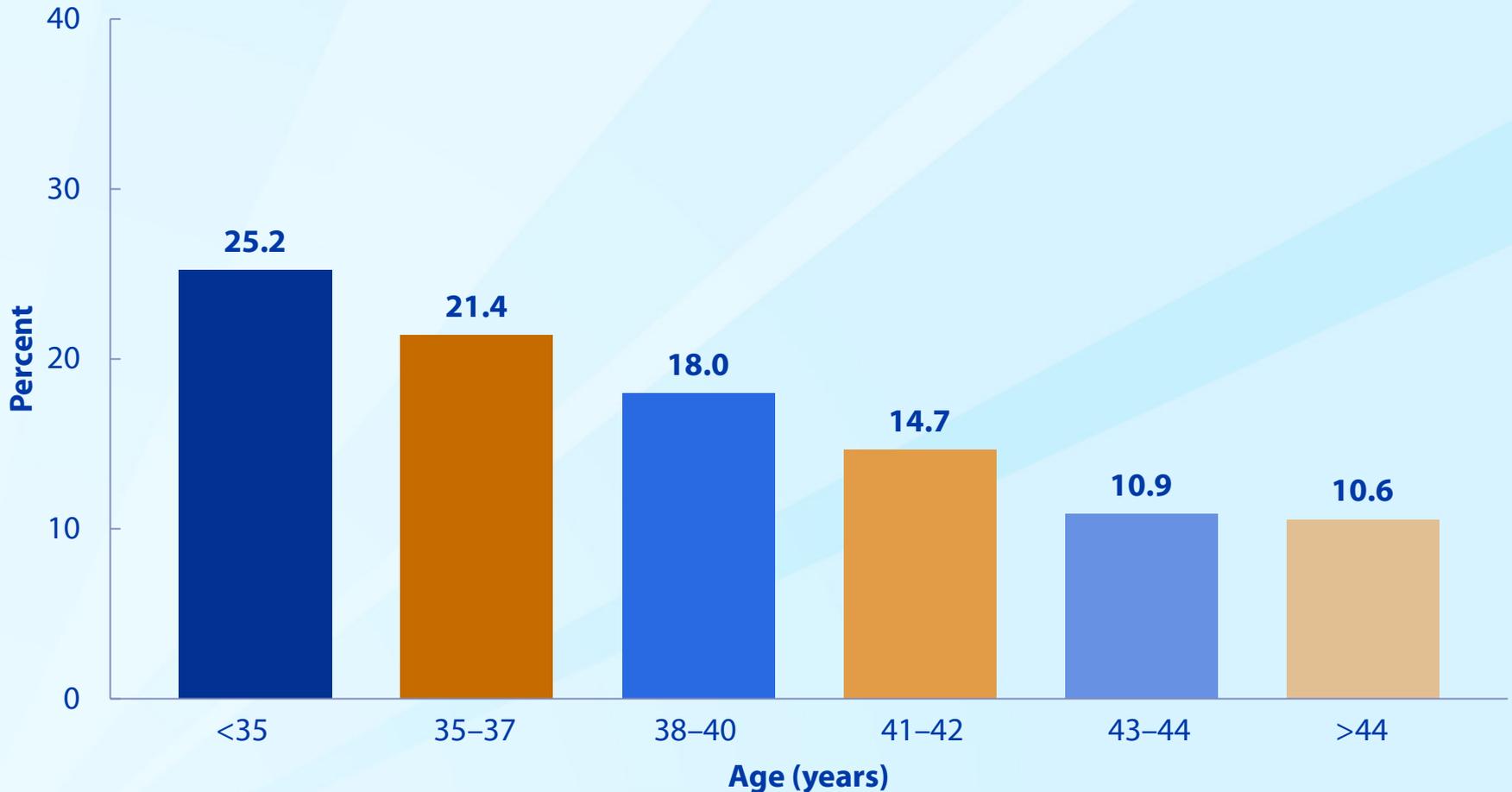
Comparison of Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births Between ART Cycles That Used Gestational Carriers and Those That Did Not, by Age of ART Patient,* 2009



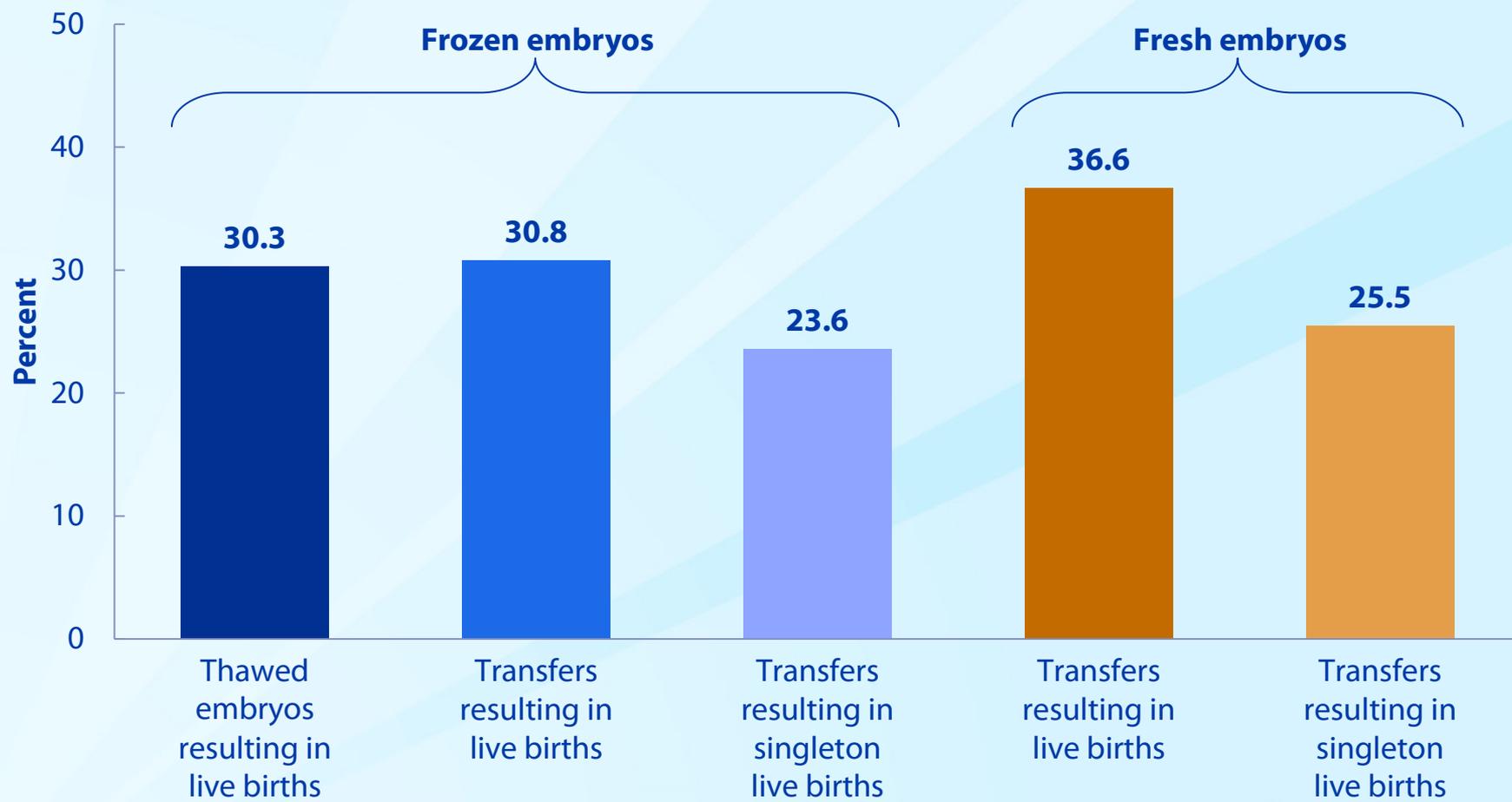
*Age categories reflect the age of the ART patient, not the age of the gestational carrier.

†There were no transfers resulting in live births among ART patients older than 44 who used gestational carriers.

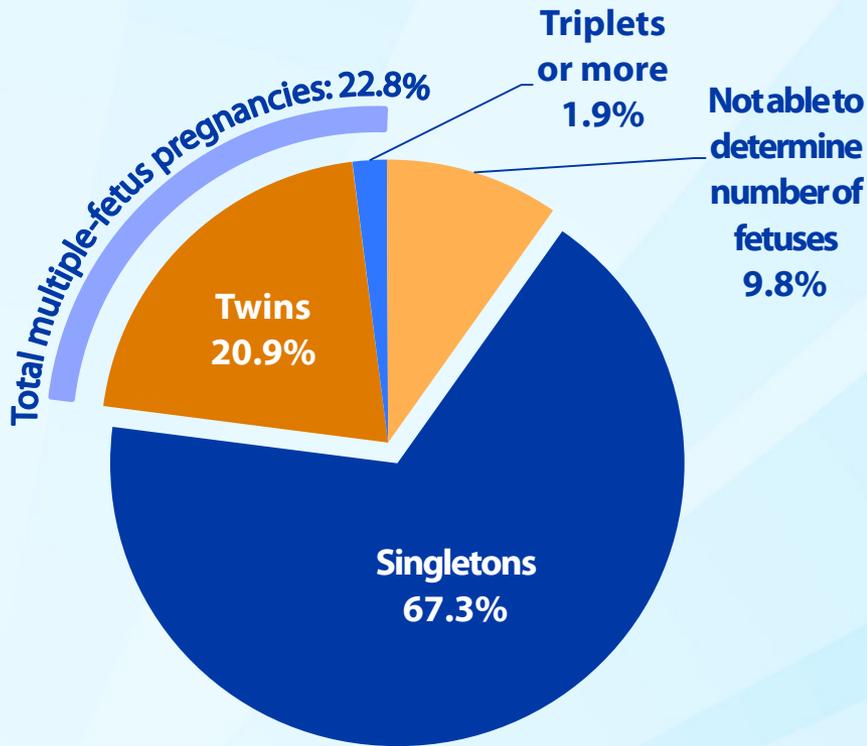
Percentages of Embryos Transferred That Resulted in Implantation Among Women Using Frozen Nondonor Embryos, by Age Group, 2009



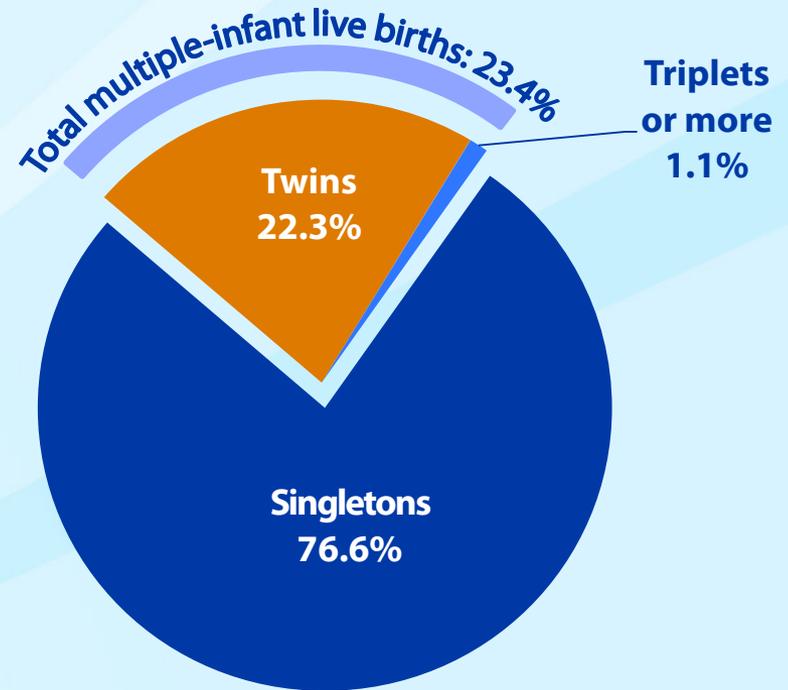
Percentages of Transfers That Resulted in Live Births and Singleton Live Births for ART Cycles Using Frozen Nondonor Embryos and ART Cycles Using Fresh Nondonor Embryos, 2009



Risks of Having Multiple-Fetus Pregnancies and Multiple-Infant Live Births from ART Cycles Using Frozen Nondonor Embryos, 2009



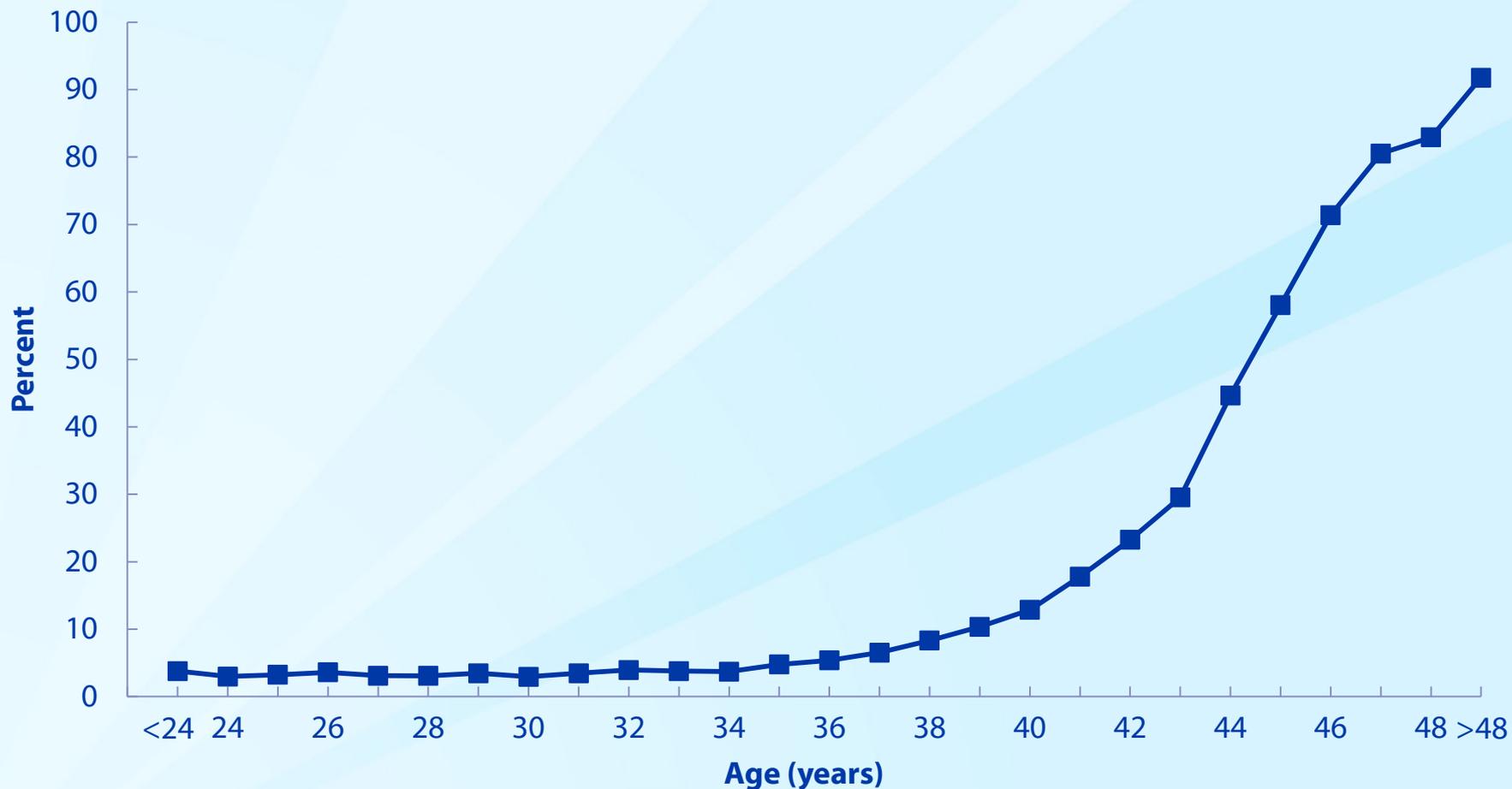
A. 9,487 Pregnancies*



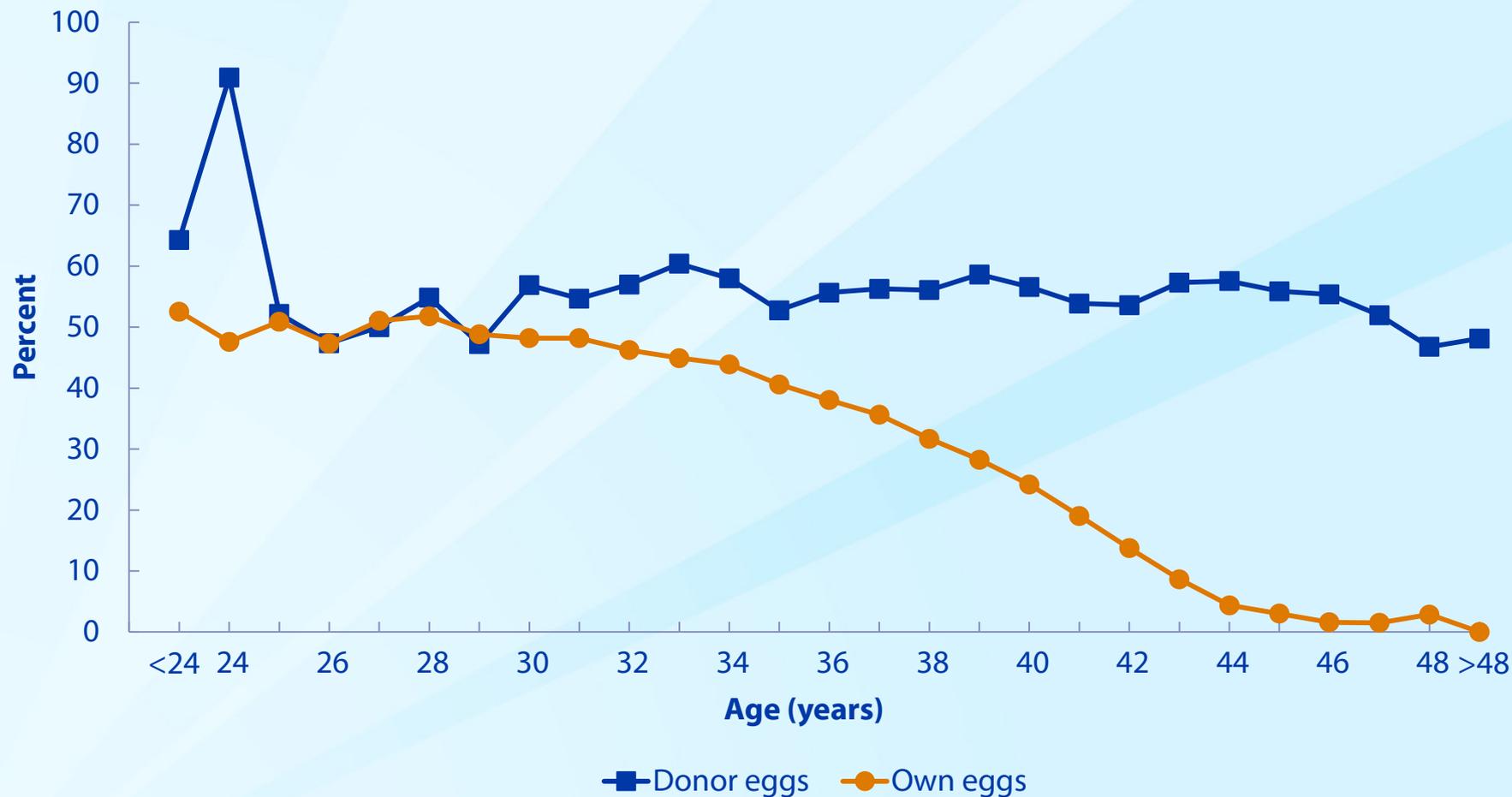
B. 7,424 Live births

*Total does not equal 100% due to rounding.

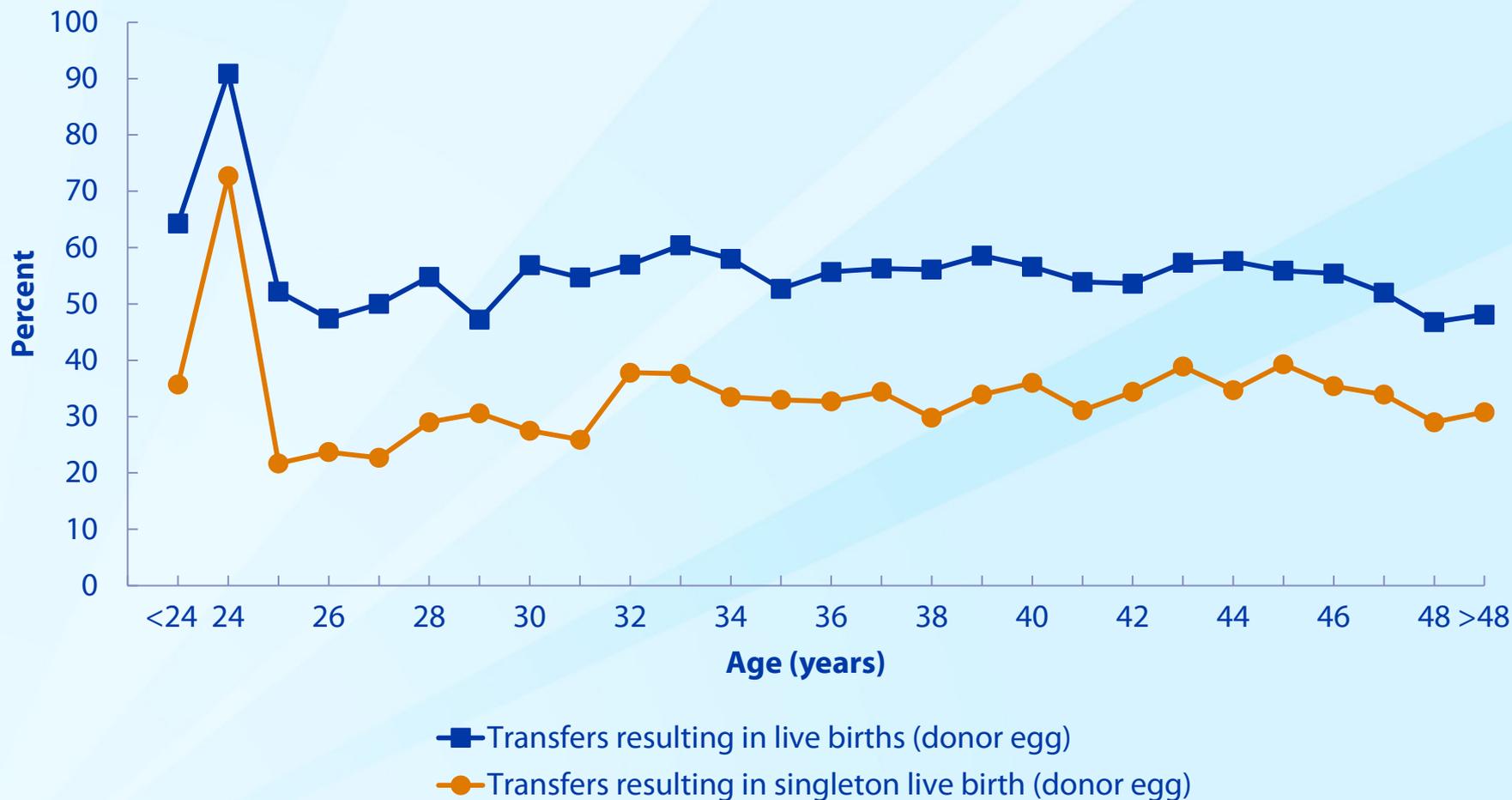
Percentages of ART Cycles Using Donor Eggs, by Age of Woman, 2009



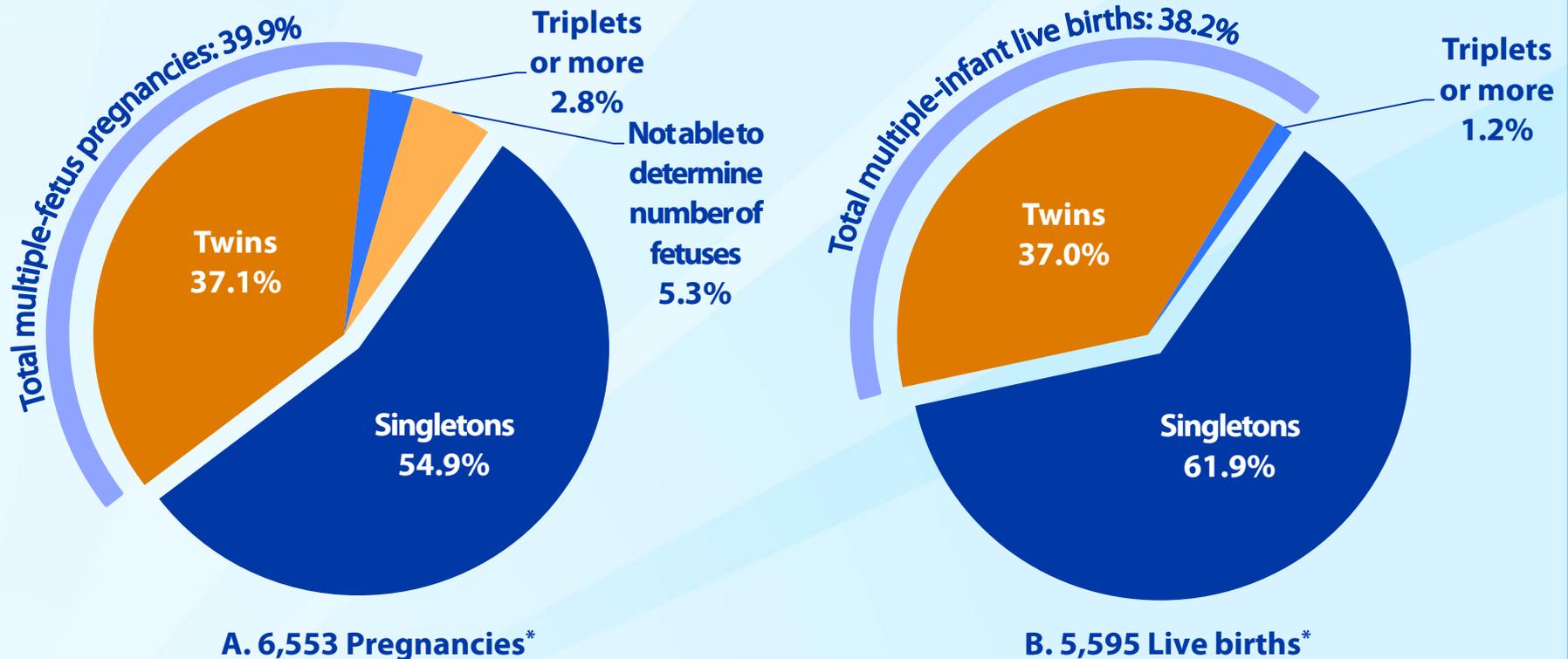
Percentages of Transfers That Resulted in Live Births for ART Cycles Using Fresh Embryos from Own Eggs and ART Cycles Using Fresh Embryos from Donor Eggs, by Age of Woman, 2009



Percentages of Transfers That Resulted in Live Births and Singleton Live Births for ART Cycles Using Fresh Embryos from Donor Eggs, by Age of Woman, 2009

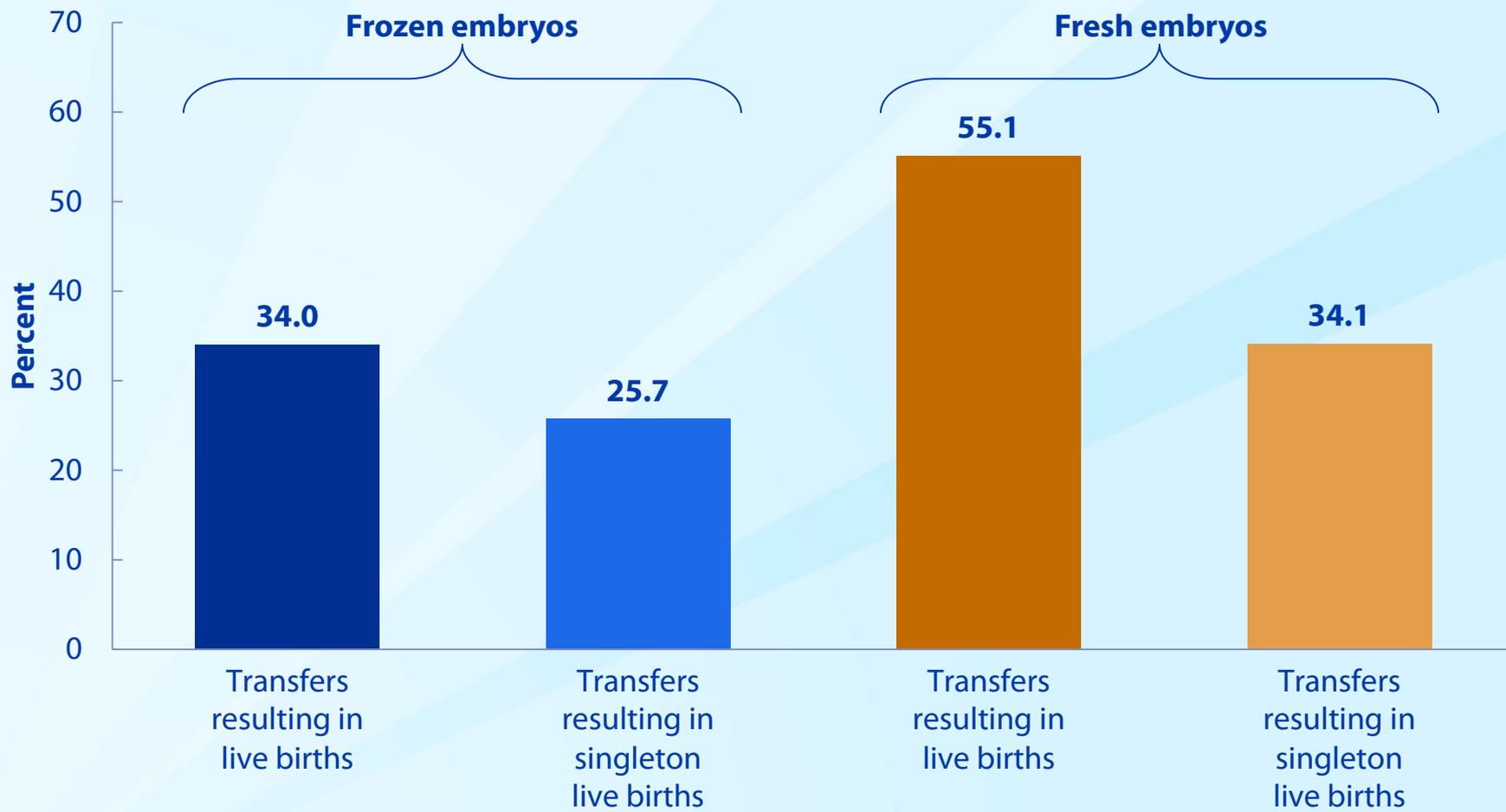


Risks of Having Multiple-Fetus Pregnancies and Multiple-Infant Live Births from ART Cycles Using Fresh Embryos from Donor Eggs, 2009

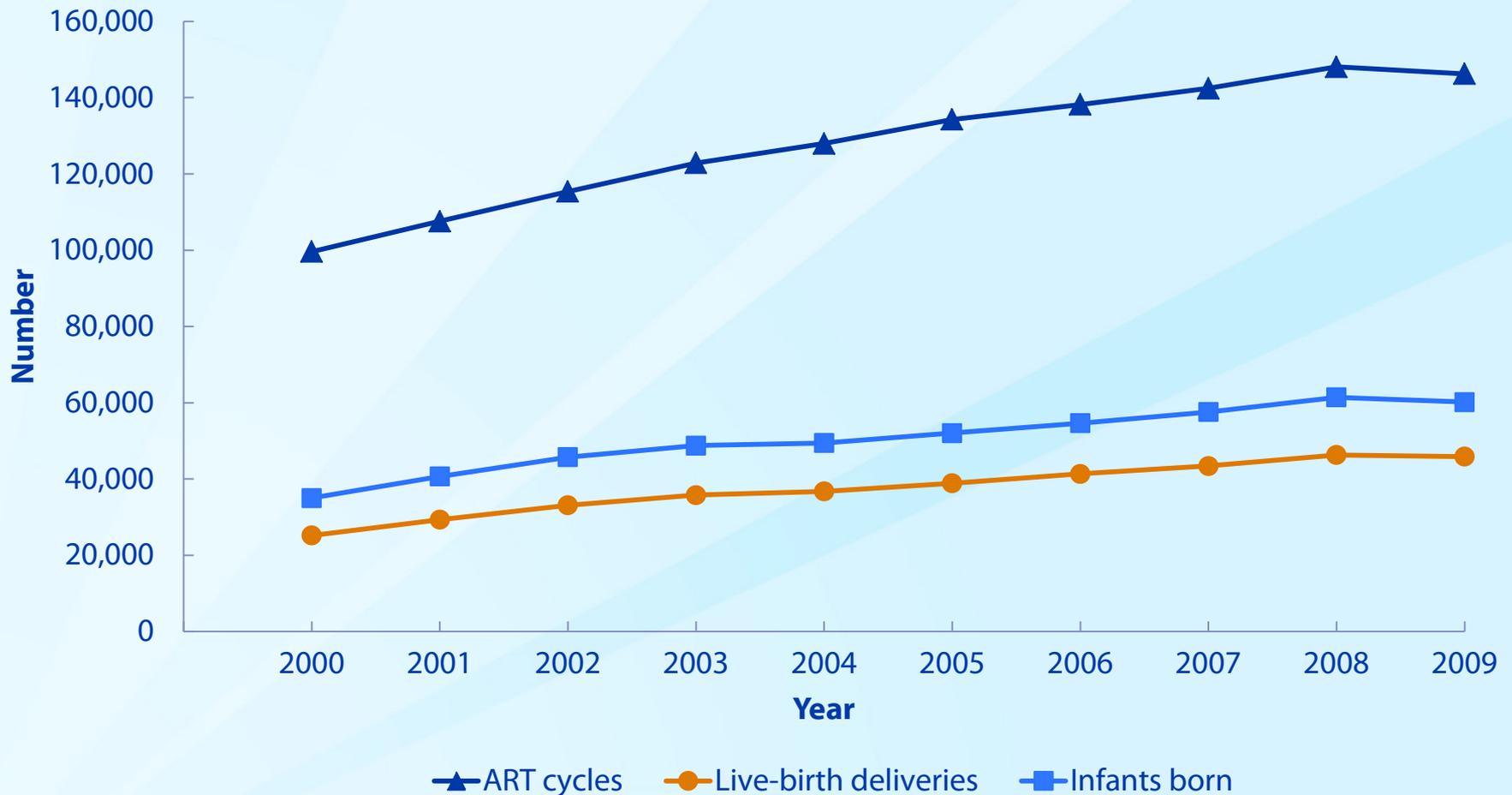


*Total does not equal 100% due to rounding.

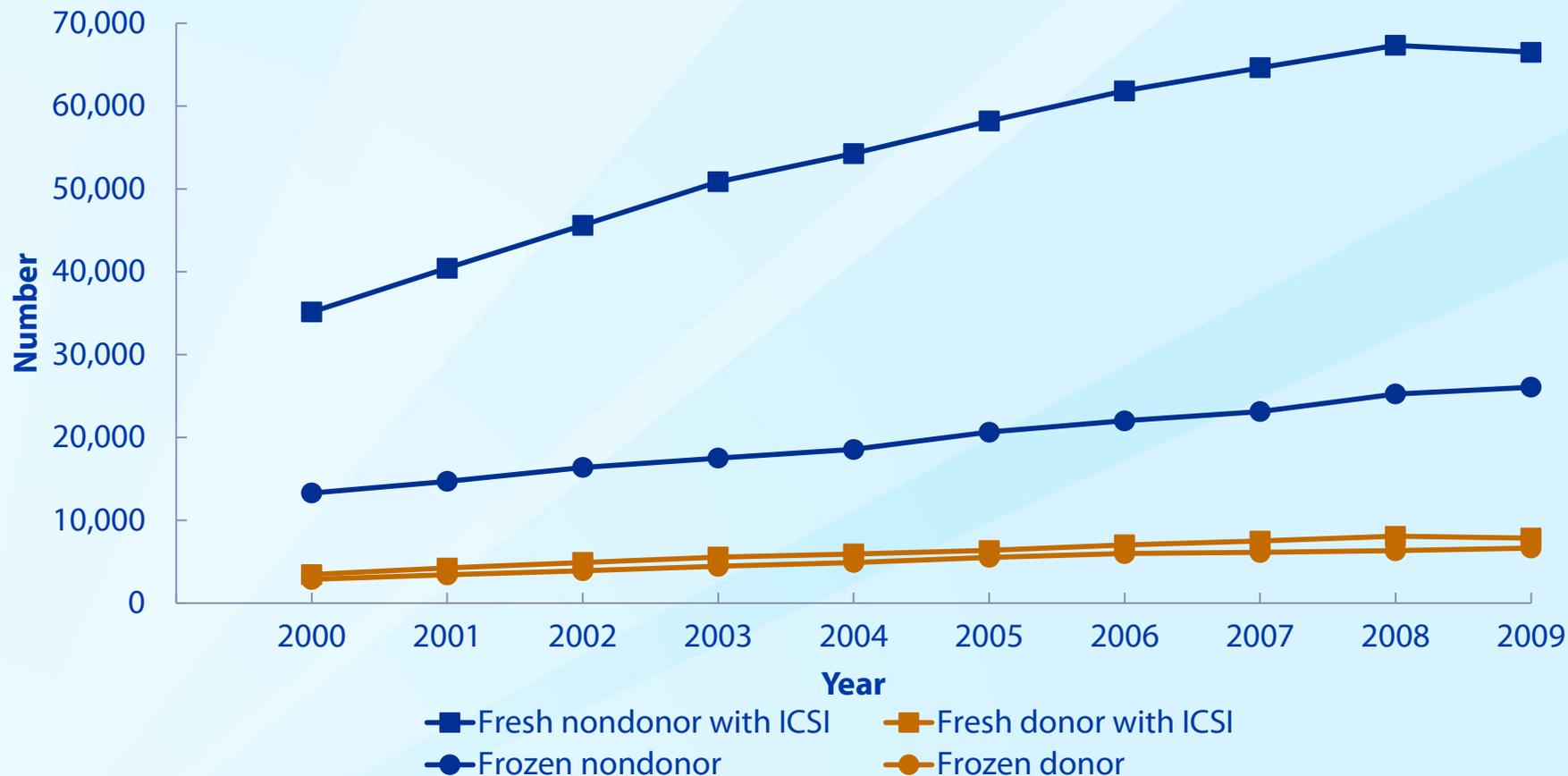
Percentages of Transfers That Resulted in Live Births and Singleton Live Births for ART Cycles Using Frozen Donor Embryos and ART Cycles Using Fresh Donor Embryos, 2009



Numbers of ART Cycles Performed, Live-Birth Deliveries, and Infants Born Using ART, 2000–2009

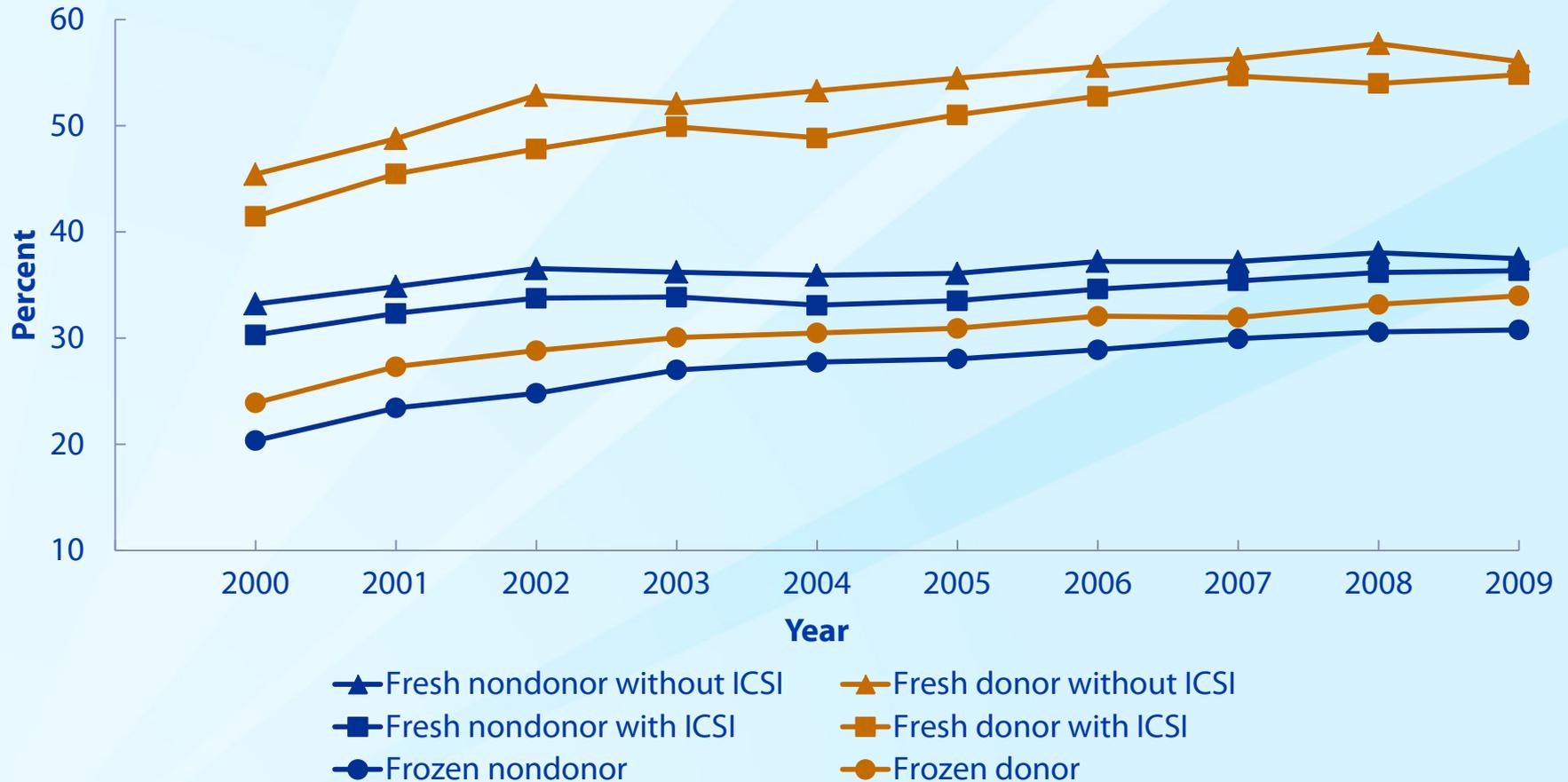


Numbers of ICSI* Procedures Performed, by Type of ART Cycle, 2000–2009



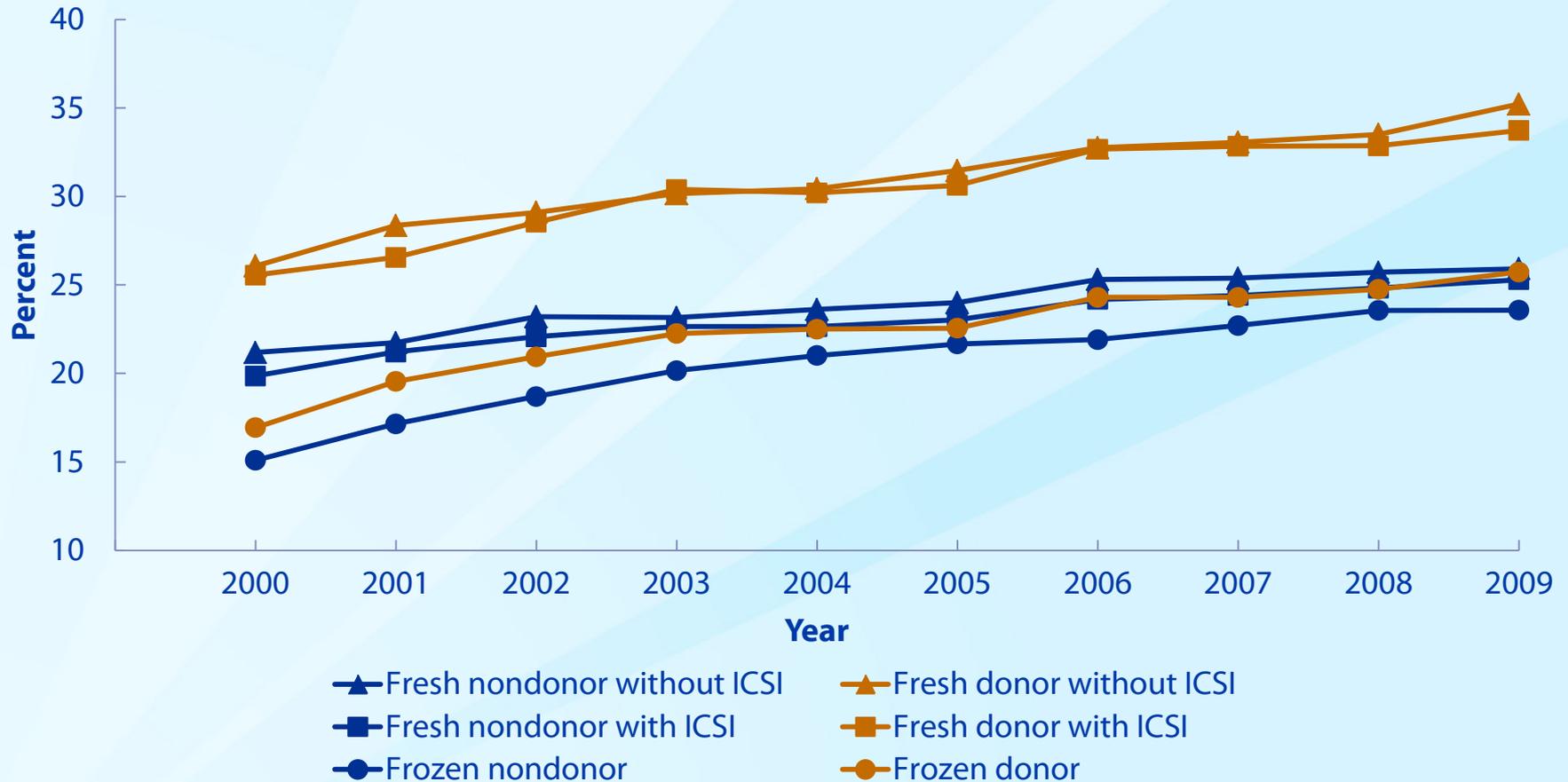
* Intracytoplasmic sperm injection.

Percentages of Transfers That Resulted in Live Births, by Type of ART Cycle and ICSI,* 2000–2009



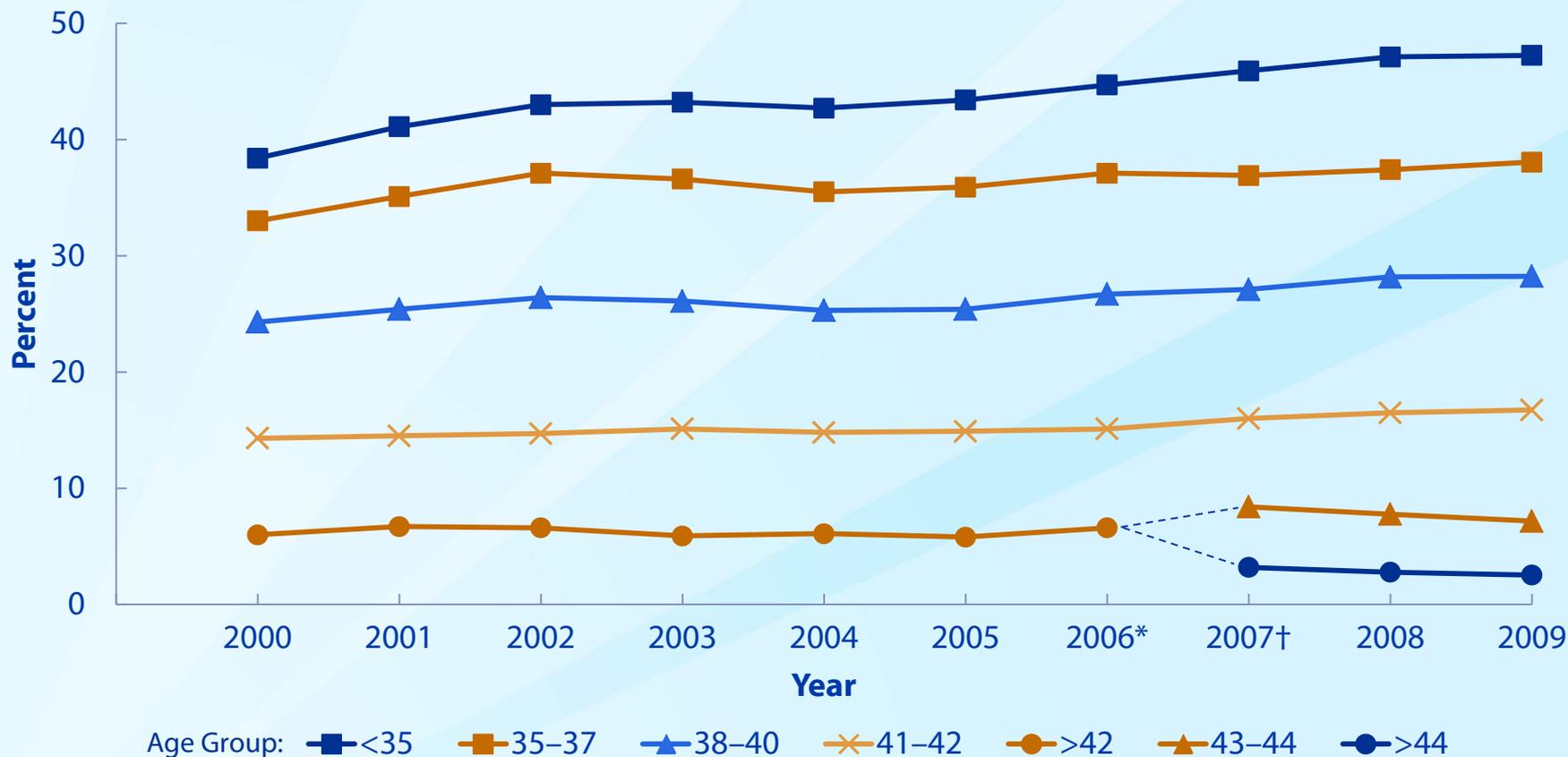
* Intracytoplasmic sperm injection.

Percentages of Transfers That Resulted in Singleton Live Births, by Type of ART Cycle and ICSI,* 2000–2009



* Intracytoplasmic sperm injection.

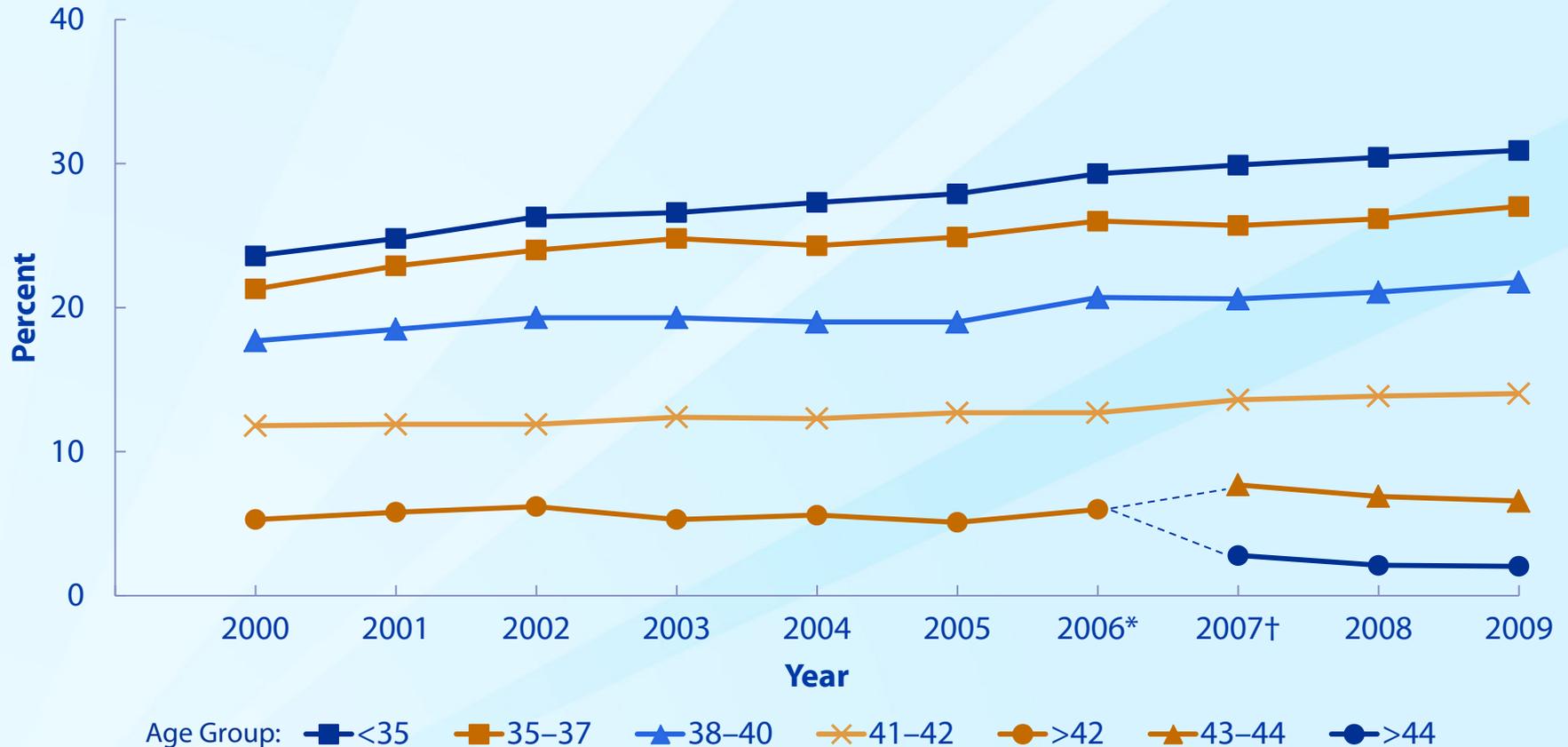
Percentages of Transfers That Resulted in Live Births for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Age of Woman, 2000–2009



* 2006 was the last year in which data were reported together for women older than 42.

† 2007 was the first year in which data for women older than 42 were subdivided into ages 43–44 and >44.

Percentages of Transfers That Resulted in Singleton Live Births for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Age of Woman, 2000–2009



* 2006 was the last year in which data were reported together for women older than 42.

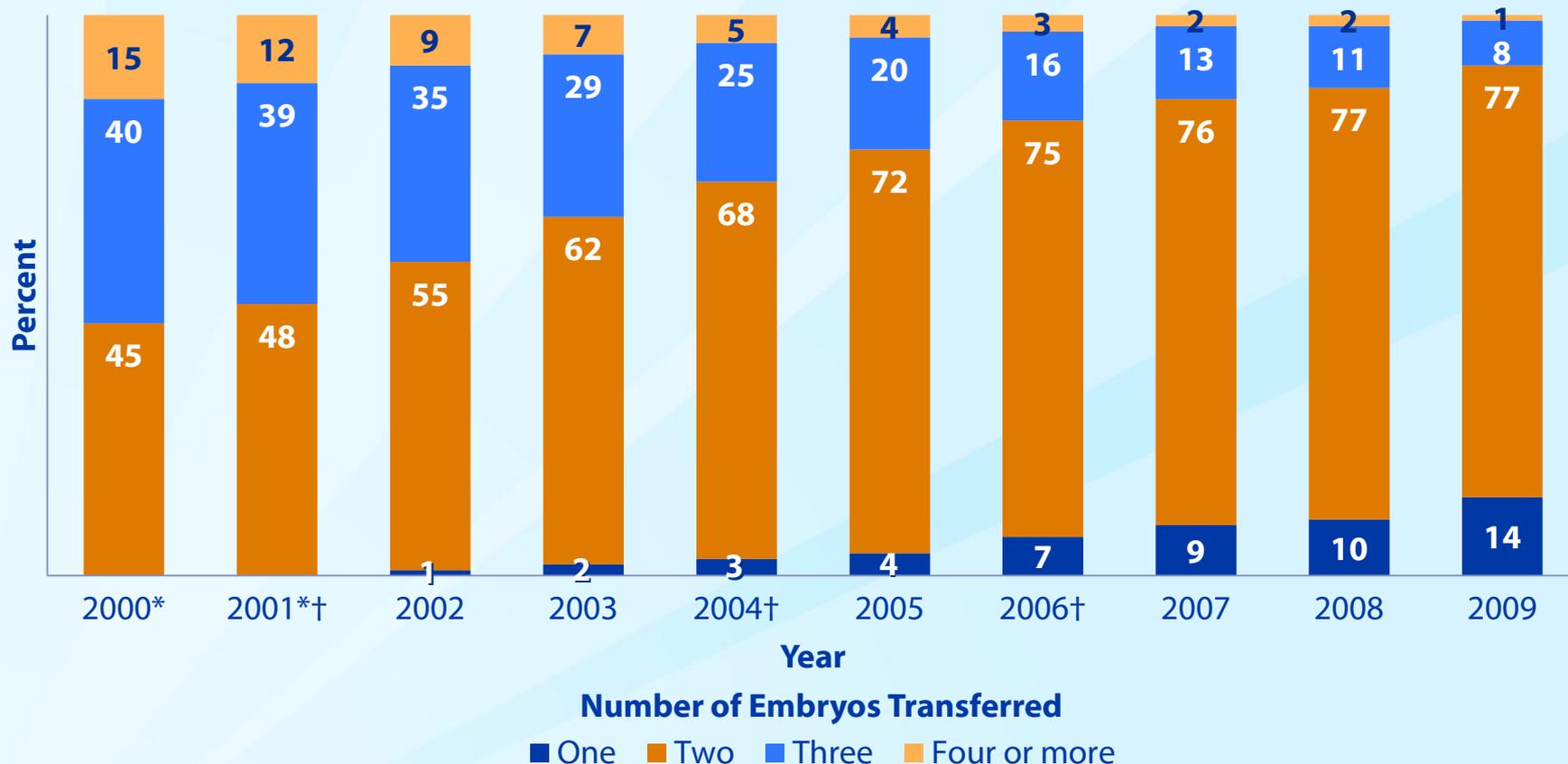
† 2007 was the first year in which data for women older than 42 were subdivided into ages 43-44 and >44.

Percentages of Fresh Nondonor Cycles That Involved the Transfer of One, Two, Three, or Four or More Embryos, 2000–2009



*Totals do not equal 100% due to rounding.

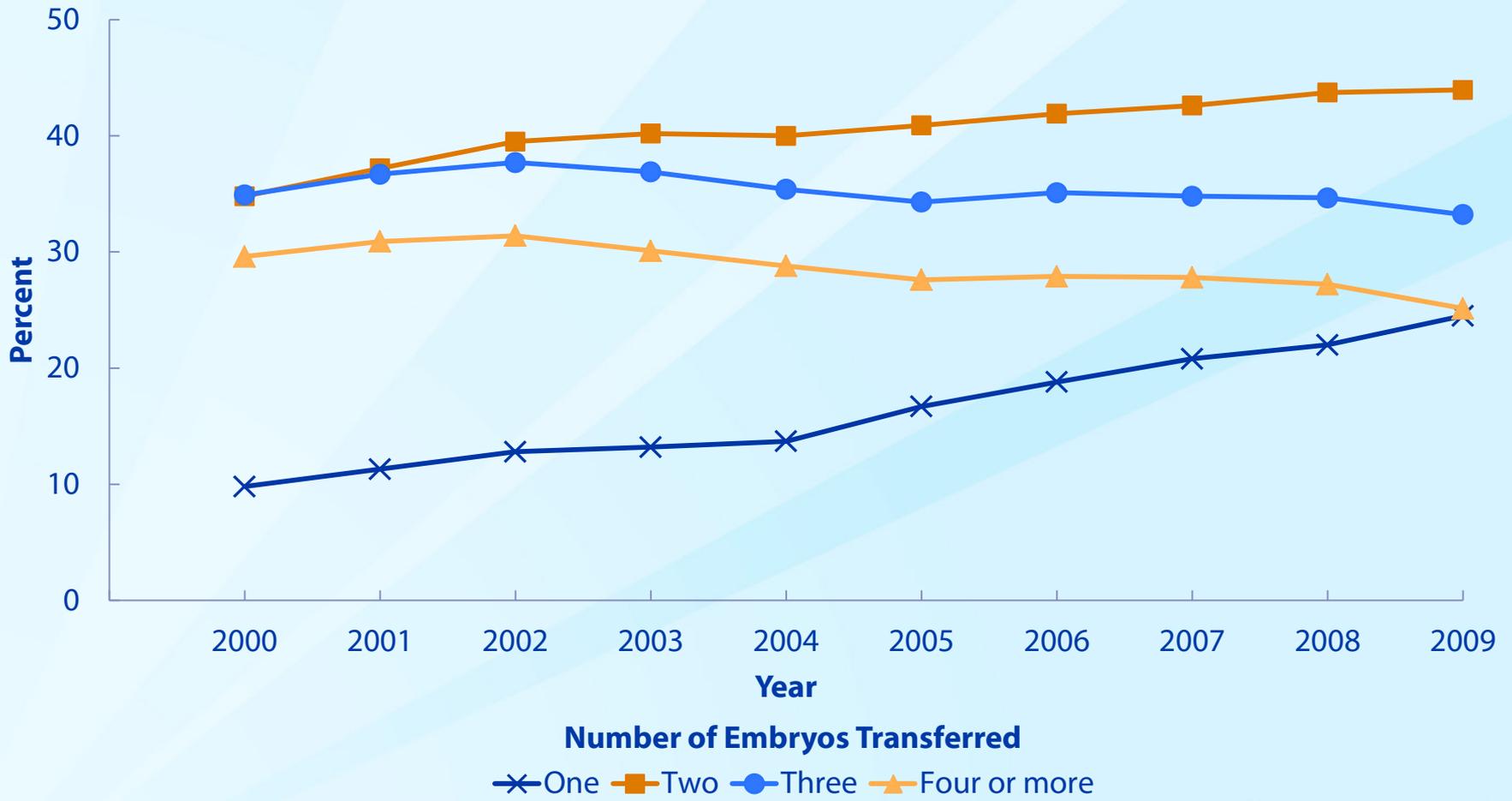
Percentages of Fresh Nondonor Cycles That Involved the Transfer of One, Two, Three, or Four or More Embryos Among Women Who Were Younger Than 35 and Set Aside Extra Embryos for Future Use, 2000–2009



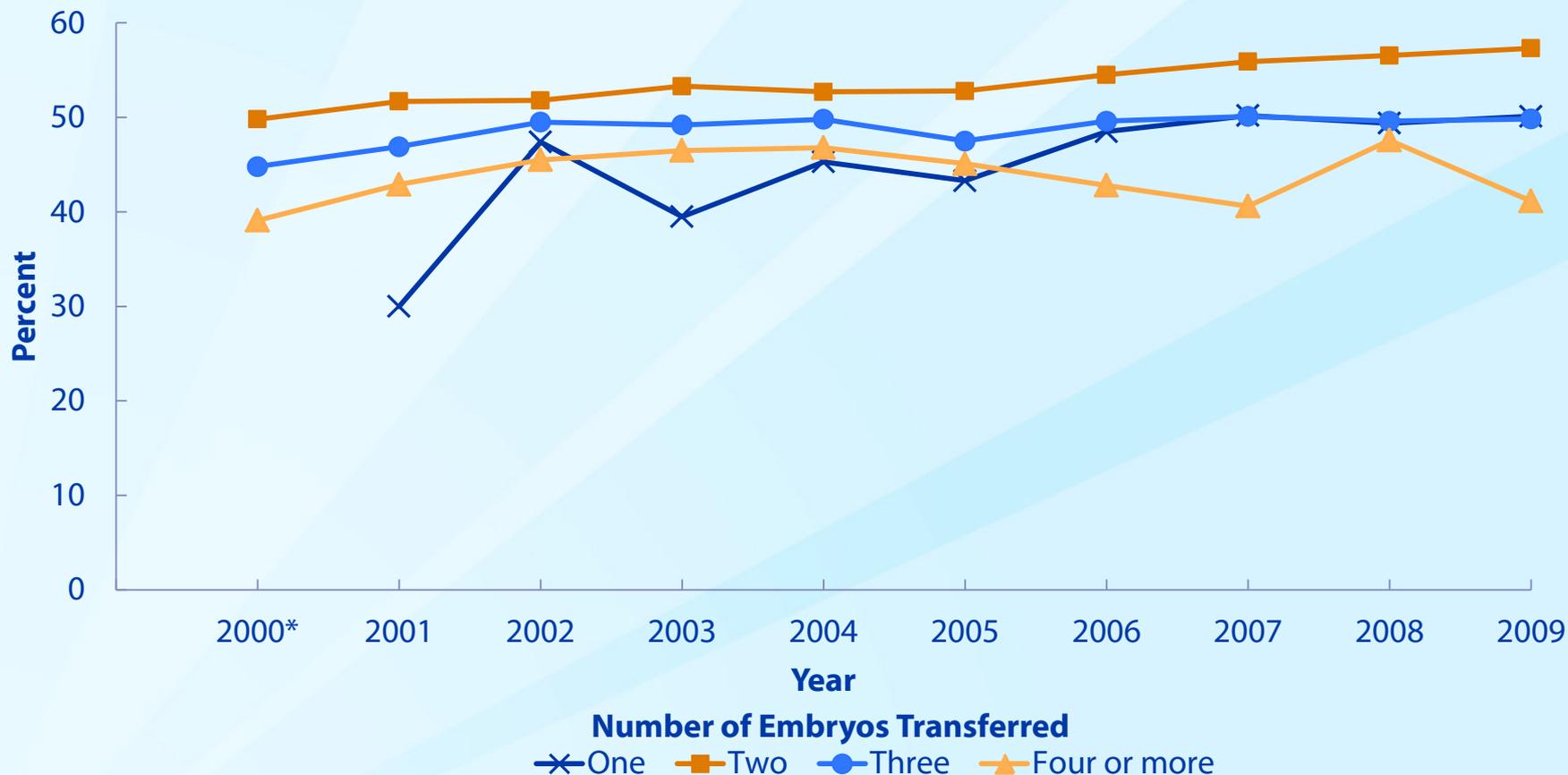
* Cycles involving the transfer of one embryo are not included because of the small number of cycles where one embryo was transferred and extra embryos were set aside for future use.

† Totals do not equal 100% due to rounding.

Percentages of Transfers That Resulted in Live Births Using Fresh Nondonor Eggs or Embryos, by Number of Embryos Transferred, 2000–2009

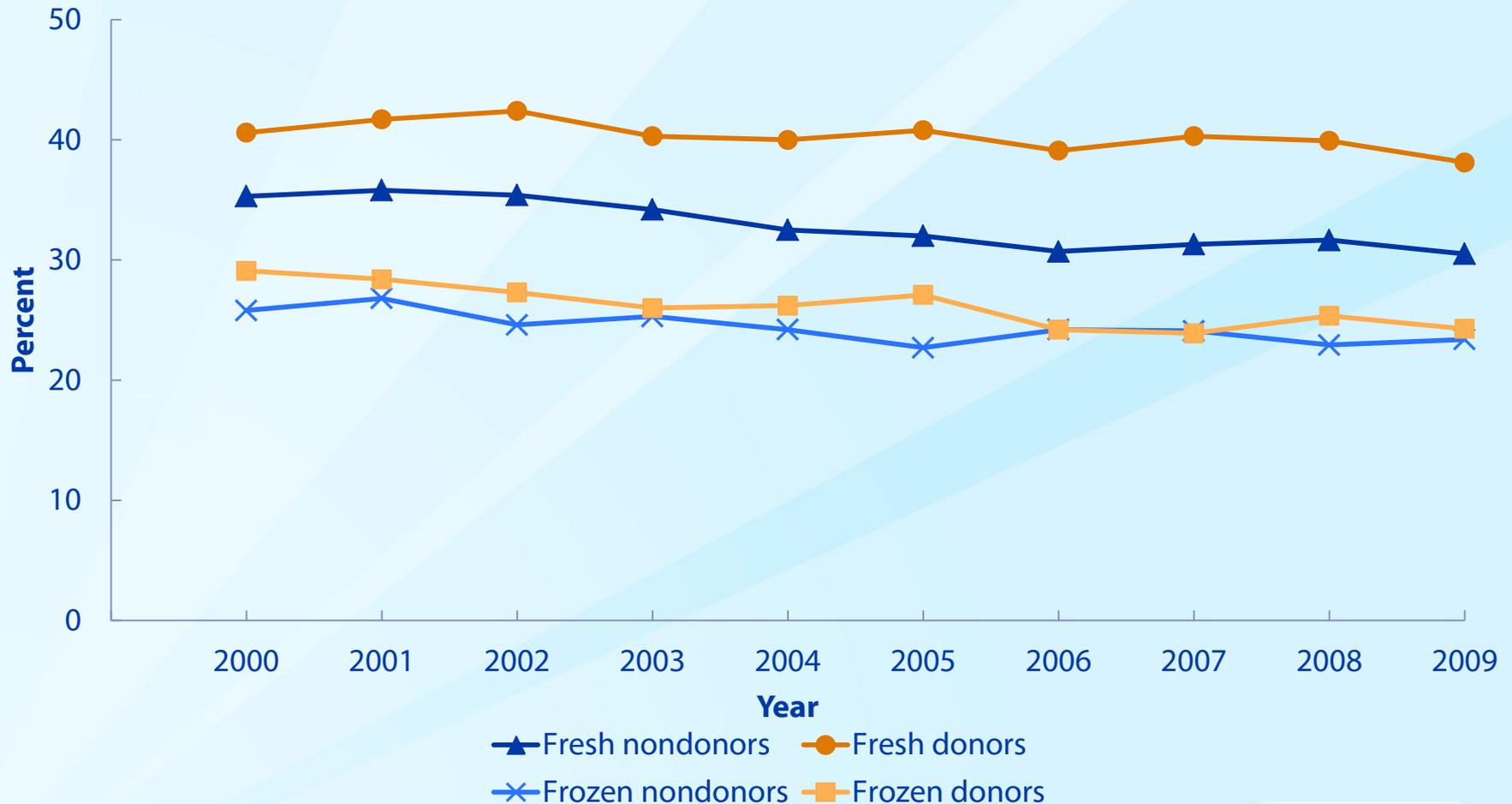


Percentages of Transfers That Resulted in Live Births Among Women Who Were Younger Than 35 and Set Aside Extra Embryos for Future Use, by Number of Embryos Transferred, 2000–2009

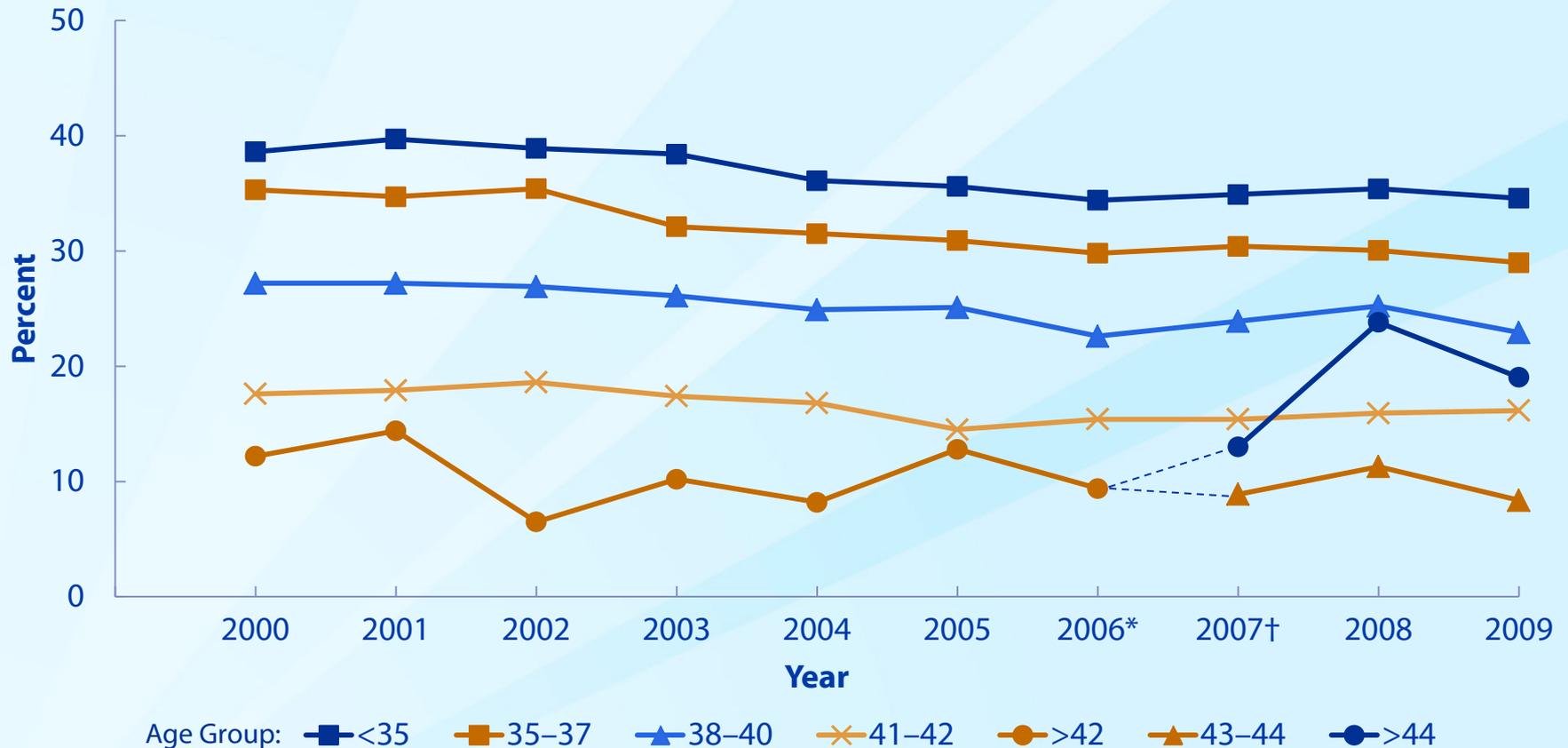


*Cycles involving the transfer of one embryo are not included because of the small number of cycles where one embryo was transferred and extra embryos were set aside for future use.

Percentages of ART Cycles That Resulted in Multiple-Infant Live Births, by Type of ART Cycle, 2000–2009



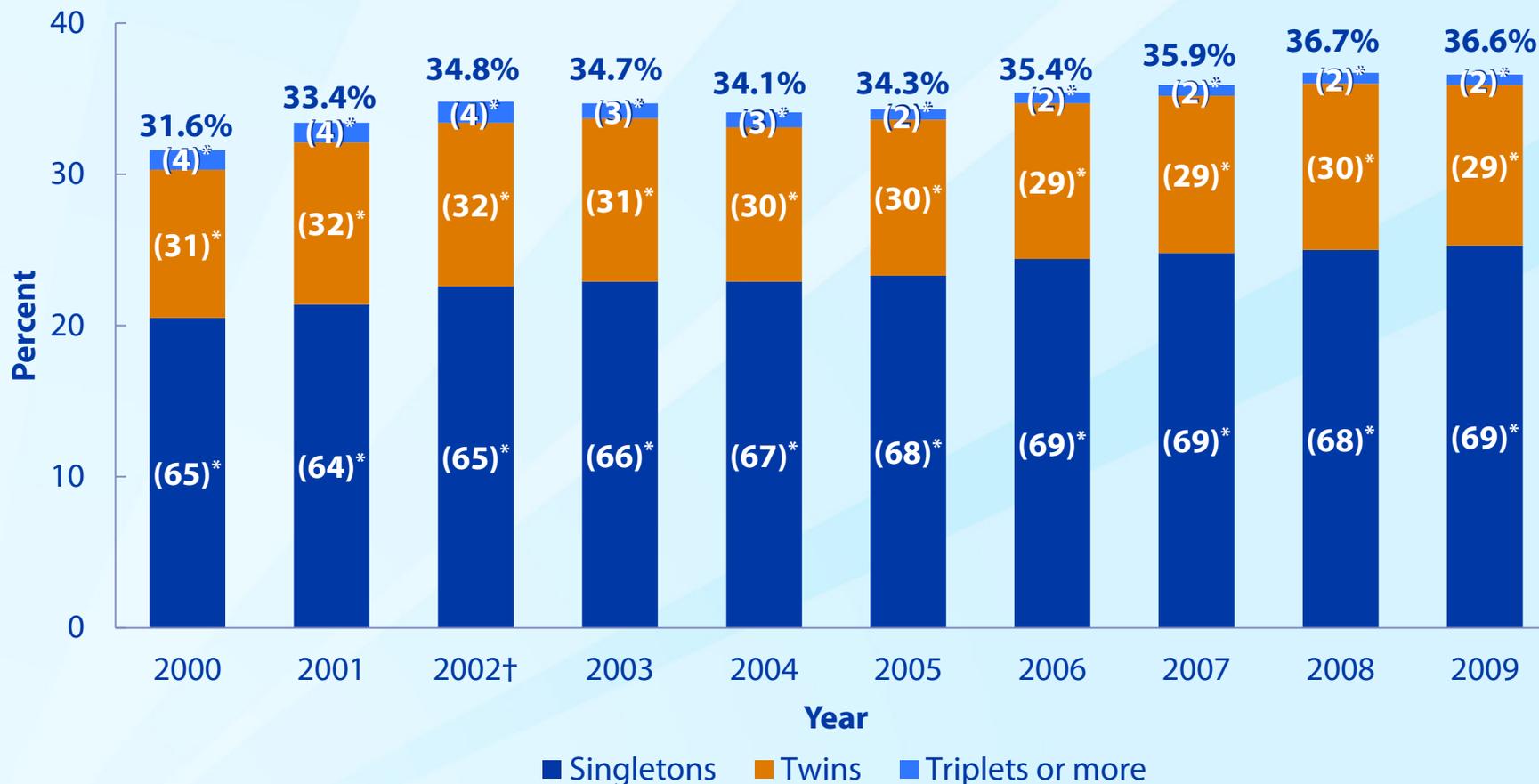
Percentages of Multiple-Infant Live Births for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Age of Woman, 2000–2009



* 2006 was the last year in which data were reported together for women older than 42.

† 2007 was the first year in which data for women older than 42 were subdivided into ages 43-44 and >44.

Percentages of Transfers That Resulted in Live Births and Percentages of Multiple-Infant Live Births for ART Cycles Using Fresh Nondonor Eggs or Embryos, 2000–2009



* Percentages of live births that were singletons, twins, and triplets or more are in parentheses.

† Total does not equal 100% due to rounding.