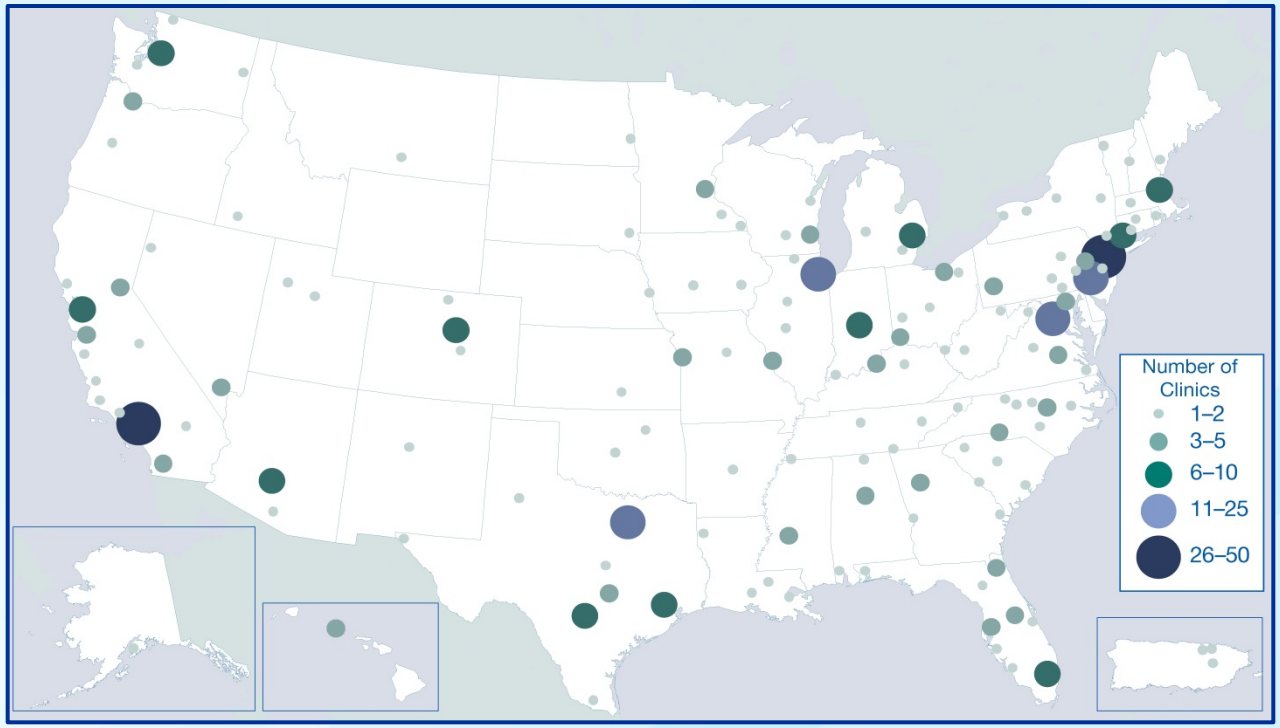
Figures from the 2014 Assisted Reproductive Technology National Summary Report

National Center for Chronic Disease Prevention and Health Promotion
Division of Reproductive Health

Locations of ART Clinics in the United States and Puerto Rico, 2014



Number of ART clinics in the United States in 2014	498
Number of ART clinics that submitted data in 2014	458
Total number of ART cycles started in 2014 at clinics reporting data	208,604*
Number of live-birth deliveries resulting from ART cycles started in 2014	57,323
Number of infants born as a result of ART cycles started in 2014	70,354

* Total includes 35,406 cycles with the intent to freeze all eggs or embryos. Live-birth deliveries and infants born are based on remaining 173,198 cycles with intent to transfer at least one egg or embryo. This includes 3,596 cycles with intent to fertilize previously frozen eggs and transfer resulting embryos. This does not include 26 cycles evaluating a new treatment procedure.

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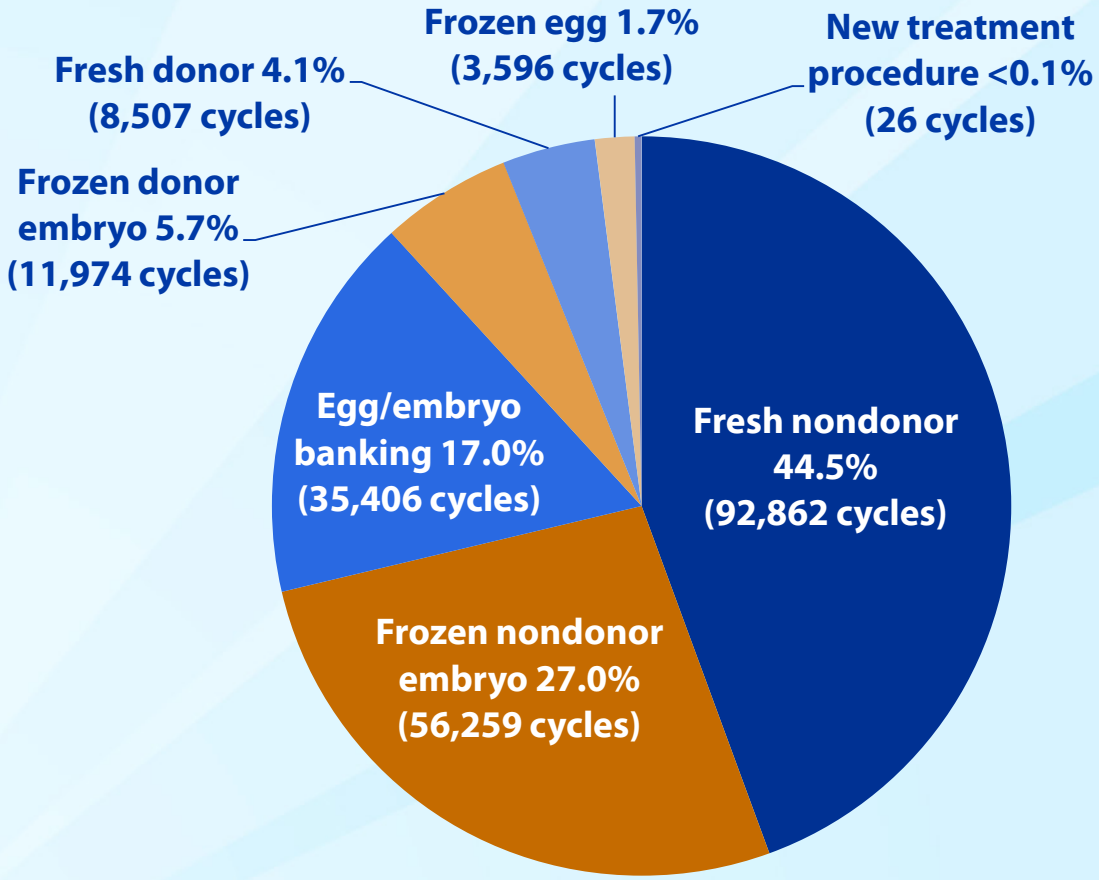
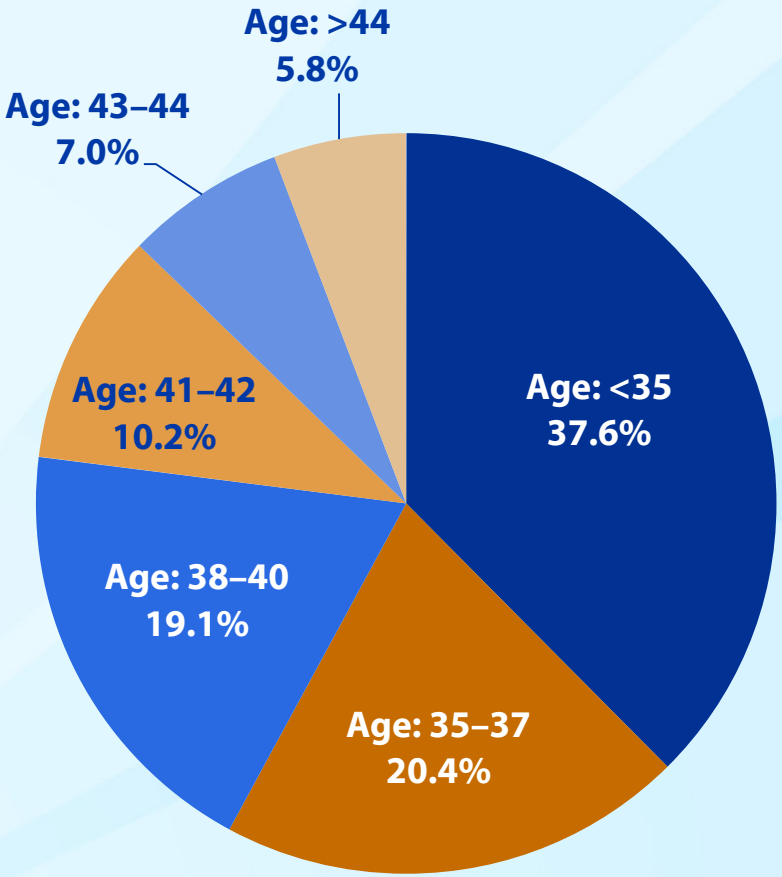
Types of ART Cycles—United States,* 2014



* Total does not equal 100% due to rounding.

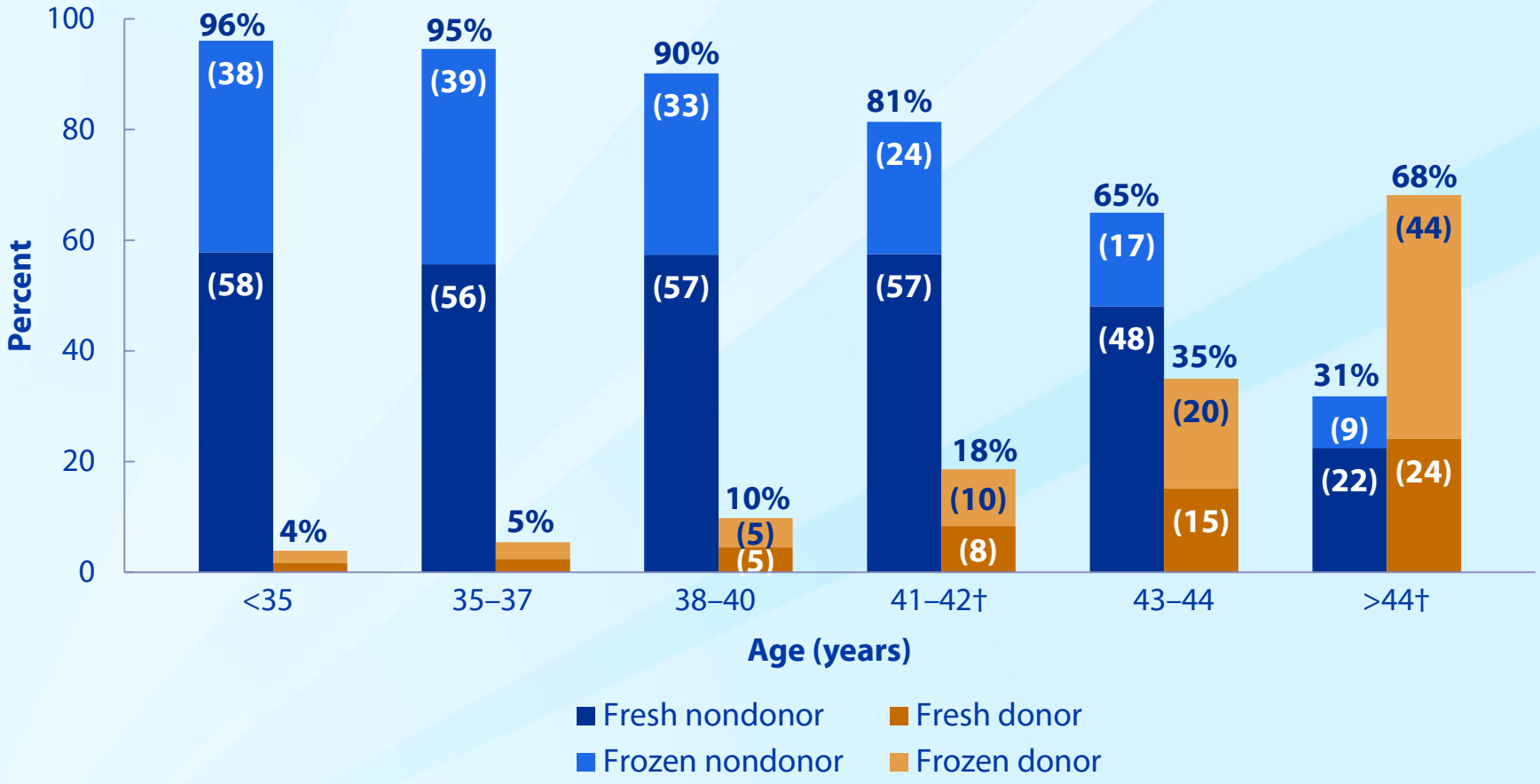
ART Use by Age Group—United States,*† 2014



* Based on 208,604 cycles.

† Total does not equal 100% due to rounding.

Types of ART Cycles by Age Group—United States,* 2014



* Percentages of ART cycles that used fresh or frozen embryos from nondonor or donor eggs are in parentheses.

† Totals do not equal 100% due to rounding.

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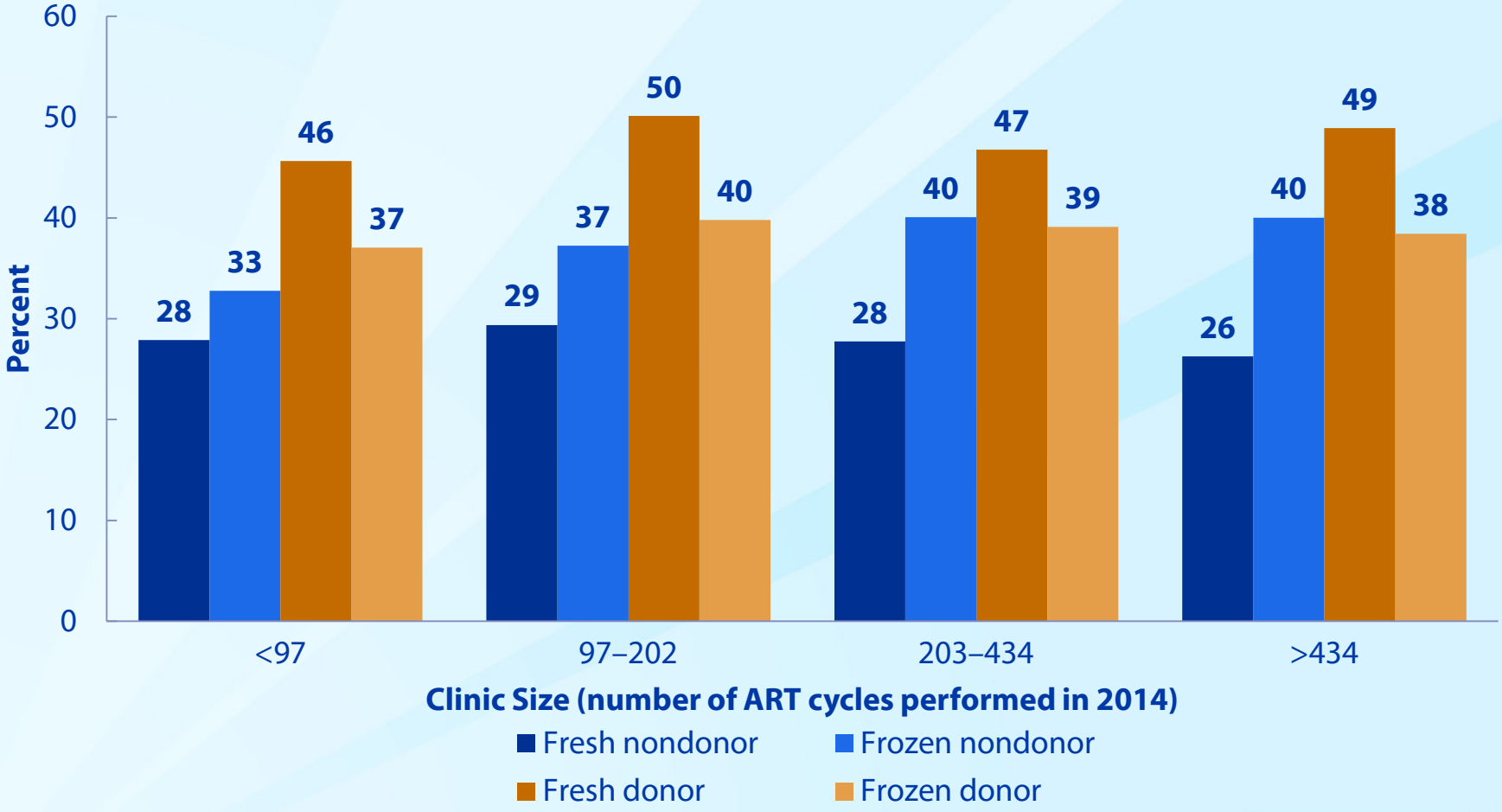
Percentages of ART Cycles That Resulted in Live Births, by Type of ART and Clinic Size—United States, 2014



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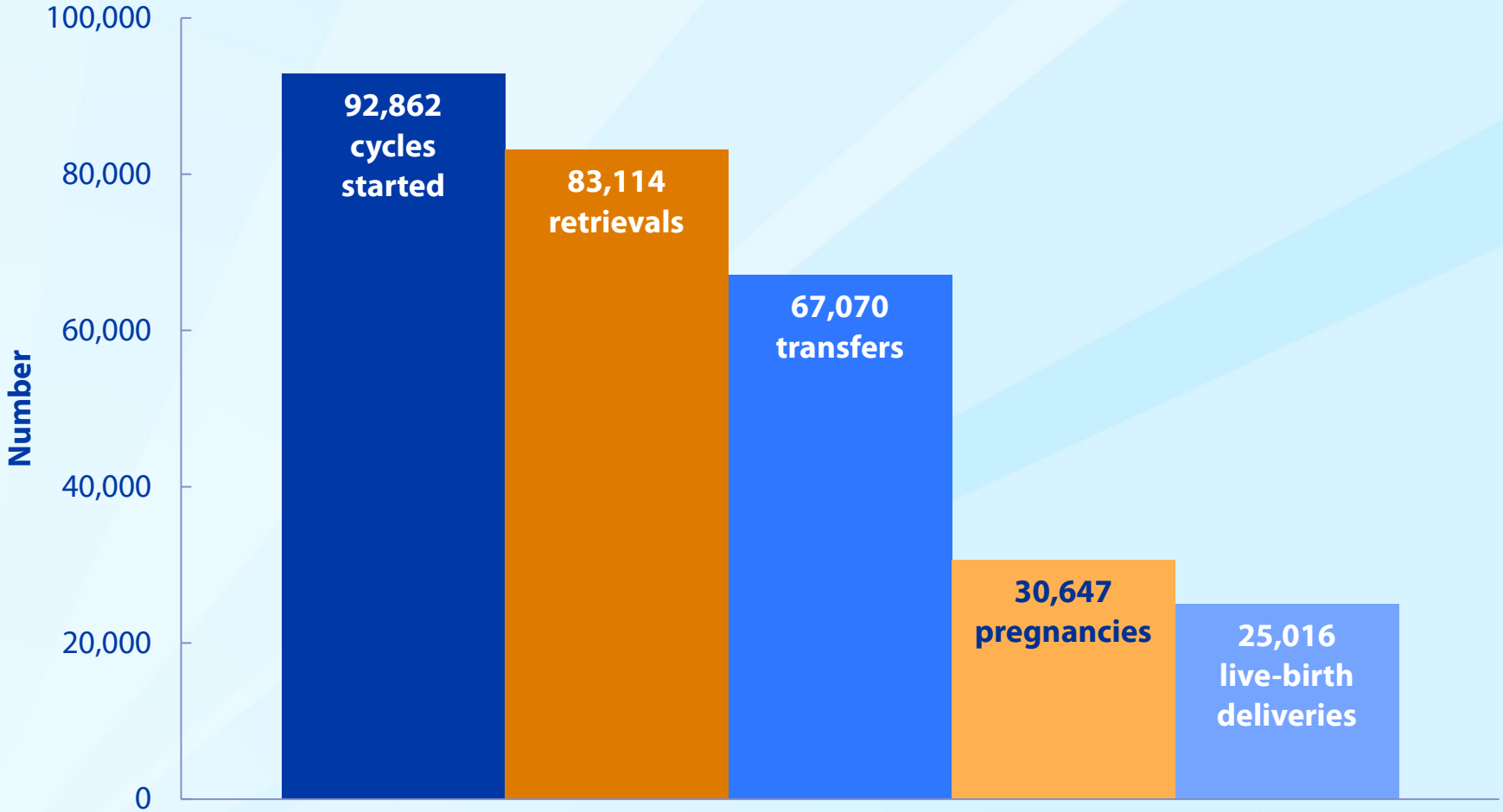
Outcomes of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Stage, 2014



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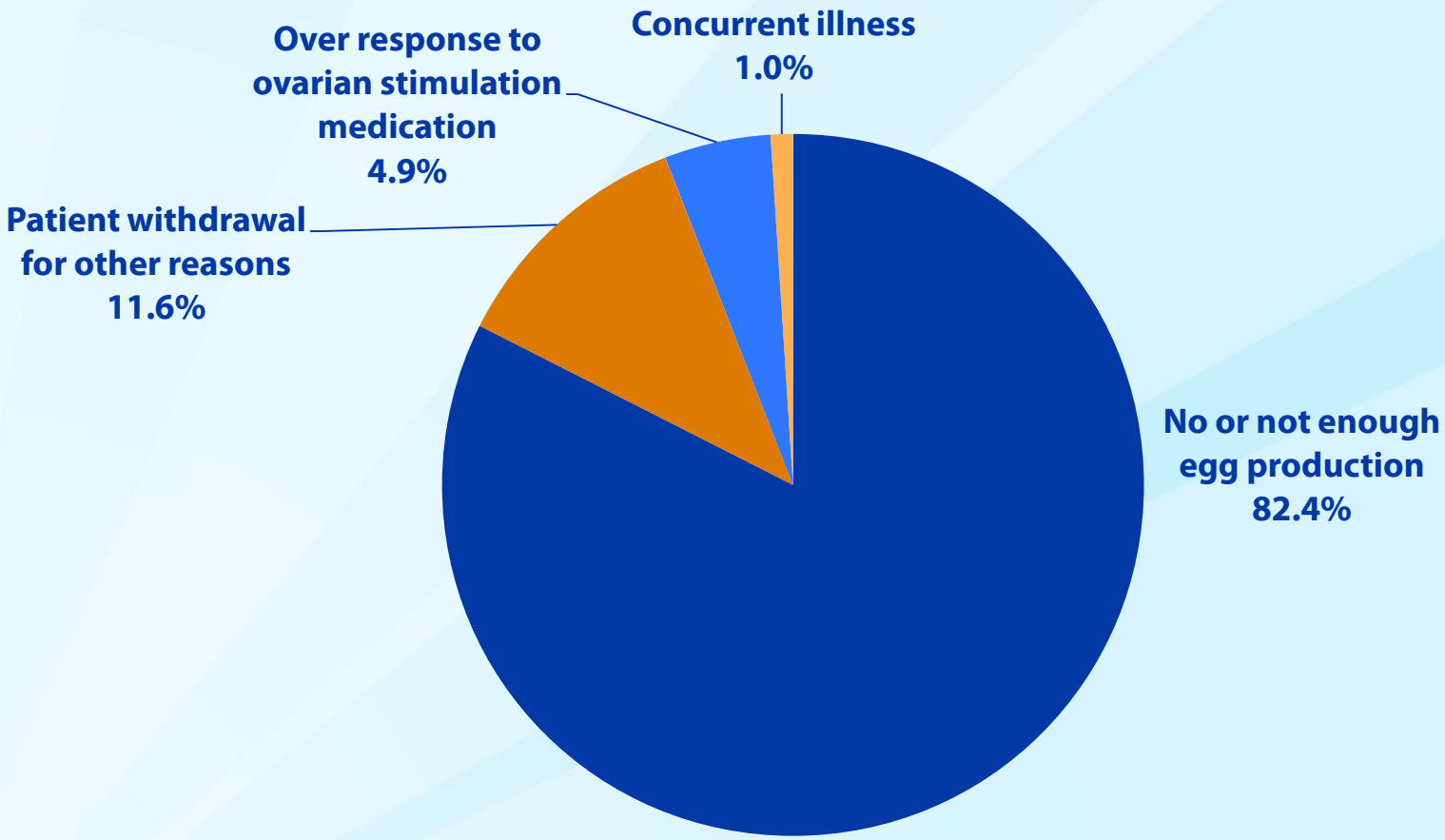
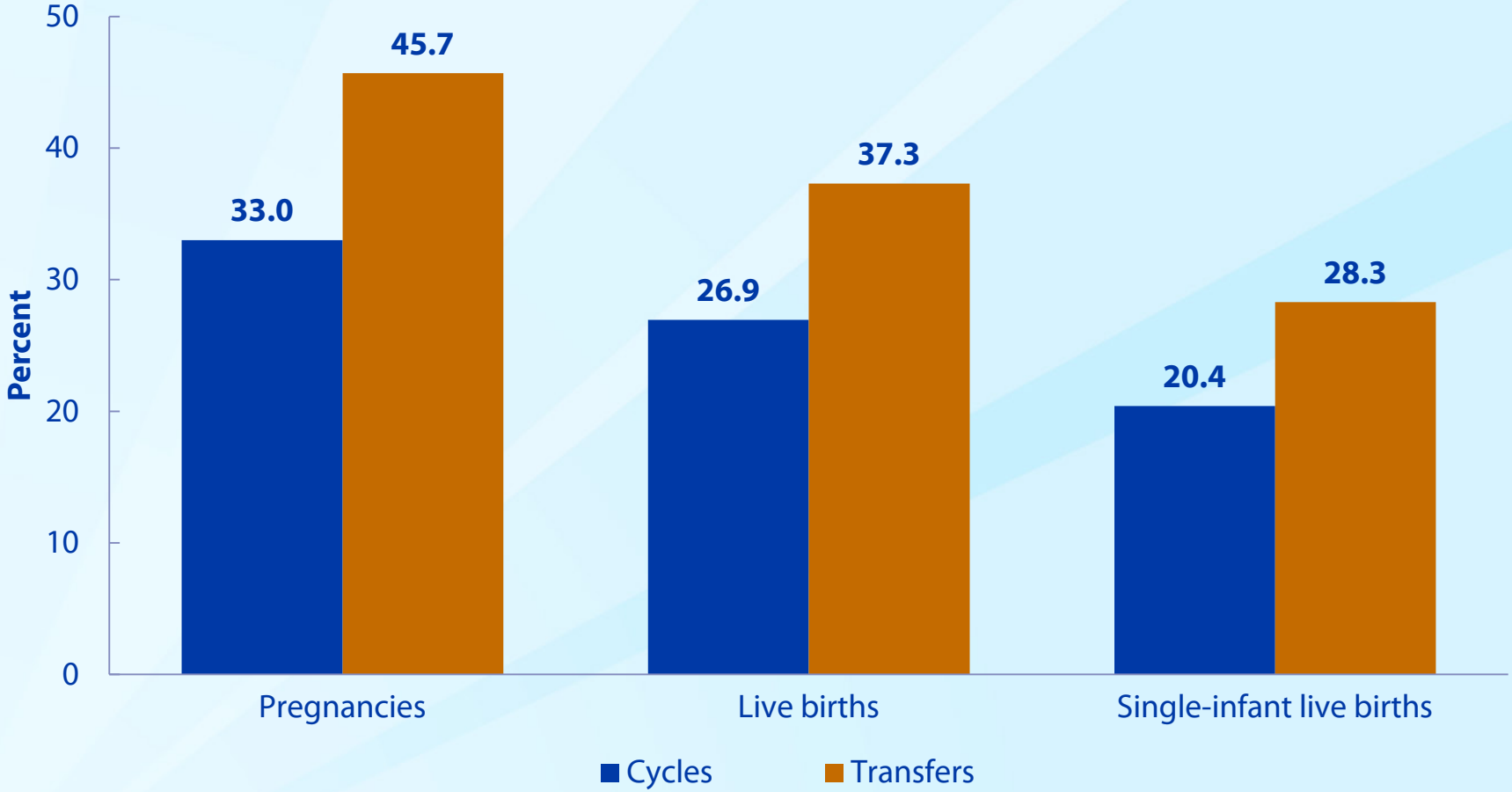
Reasons ART Cycles Using Fresh Nondonor Eggs or Embryos Were Canceled,*† 2014



* Based on 9,748 ART cycles.

† Total does not equal 100% due to rounding.

Percentages of ART Cycles and Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, 2014



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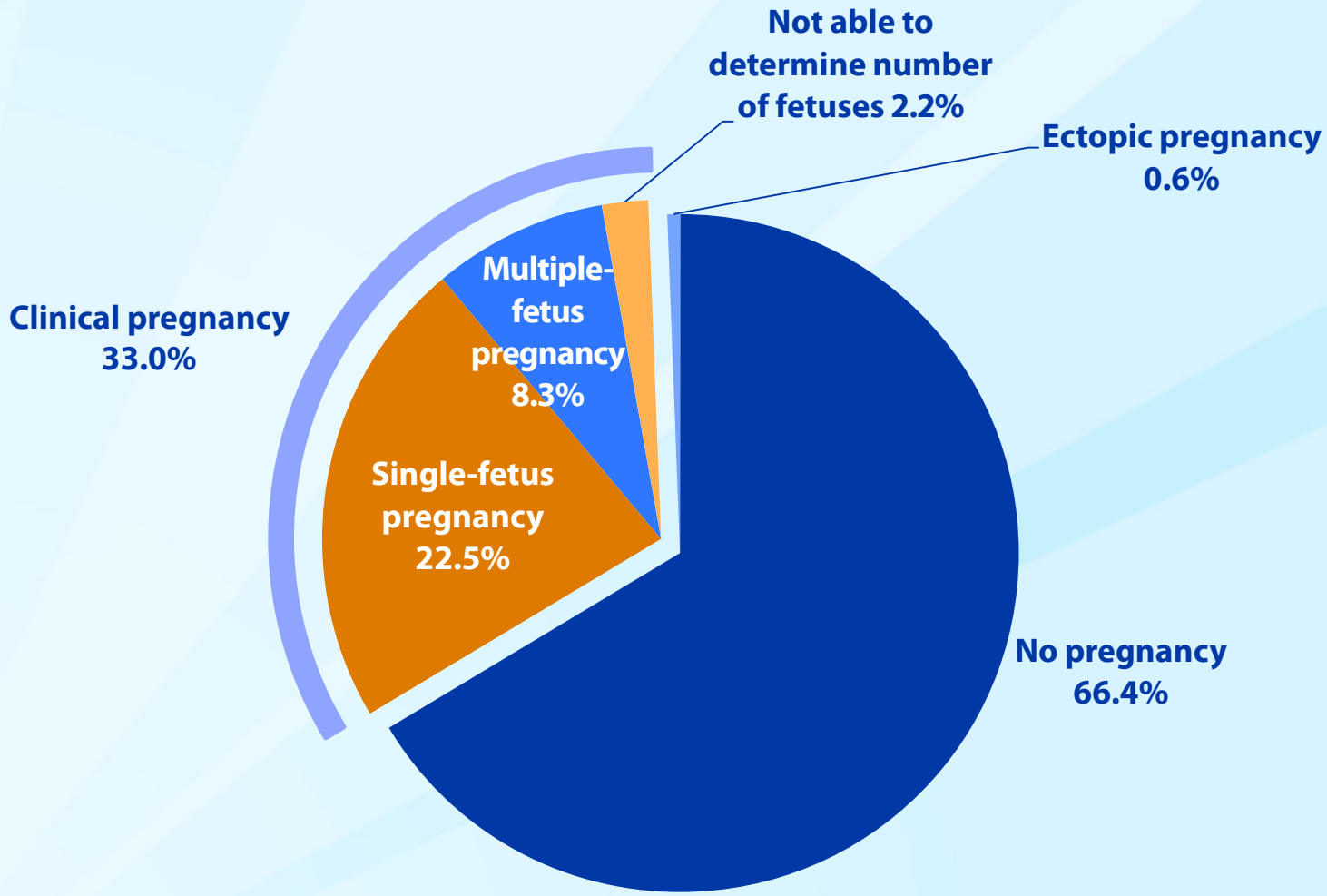
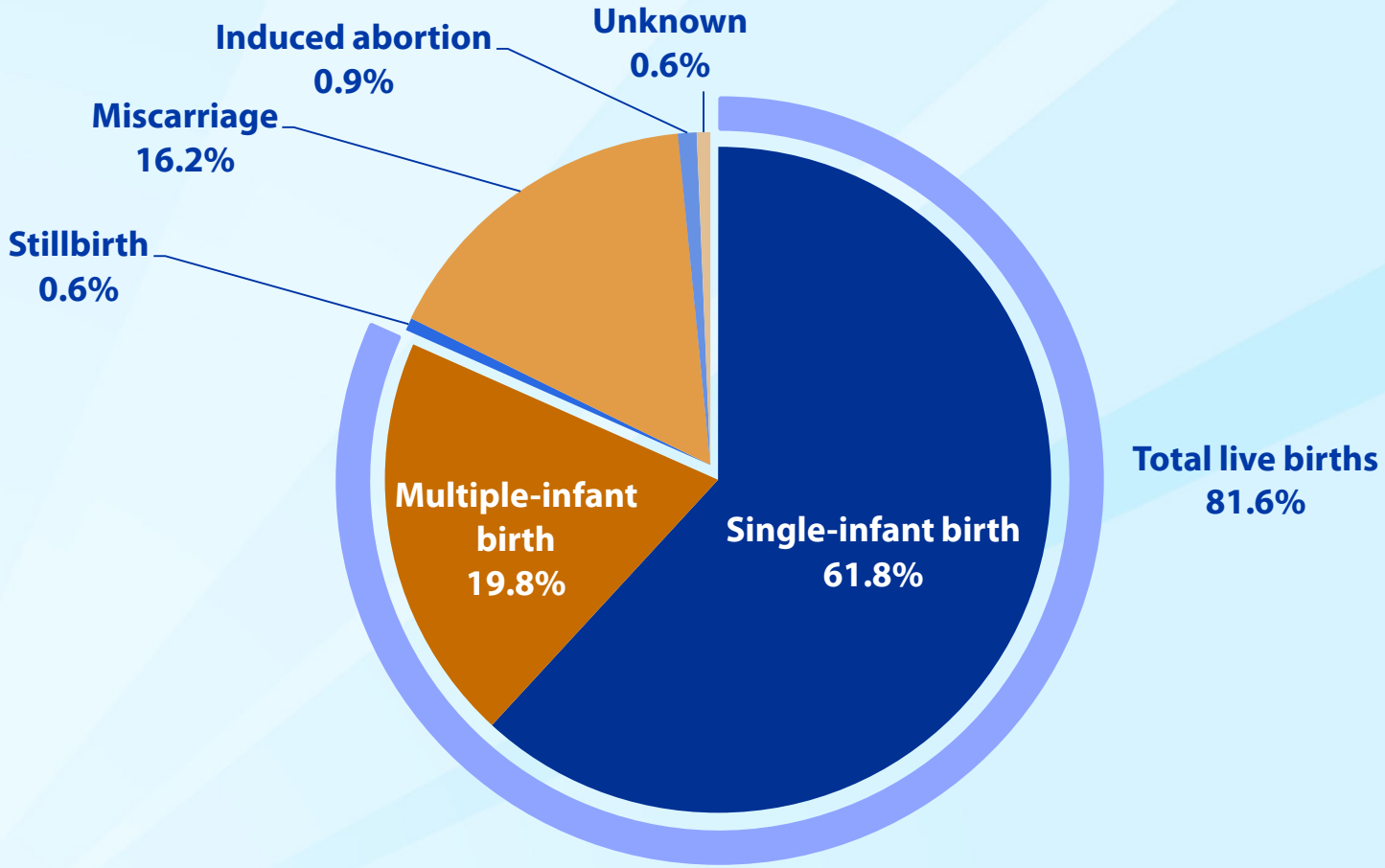
Outcomes of ART Cycles Using Fresh Nondonor Eggs or Embryos, 2014



Outcomes of Pregnancies That Resulted from ART Cycles Using Fresh Nondonor Eggs or Embryos,*† 2014



* Maternal deaths prior to birth are not displayed due to small number of cycles.

† Total does not equal 100% due to rounding.

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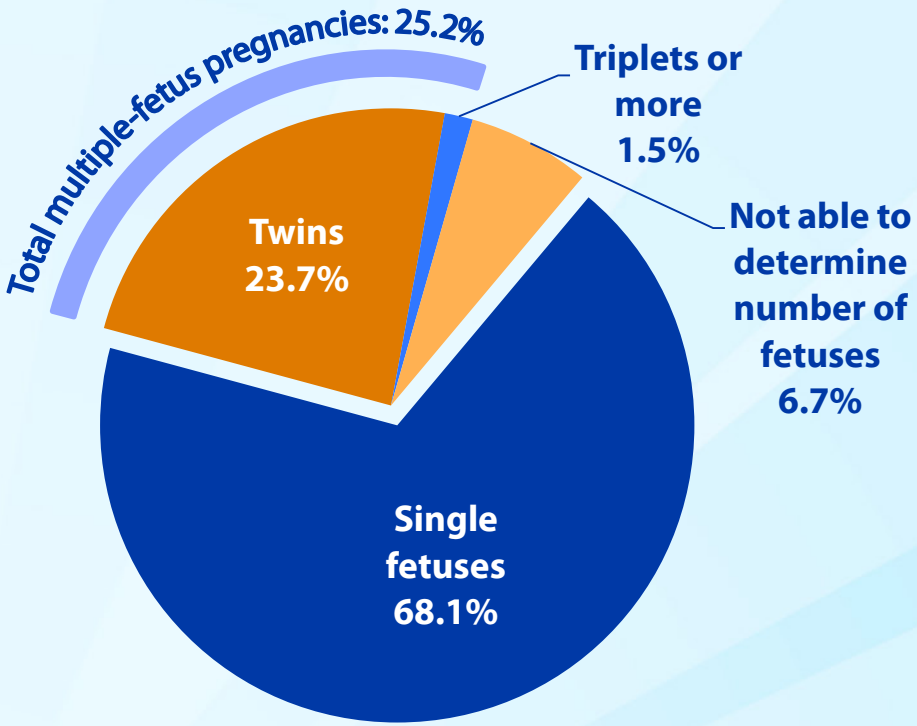
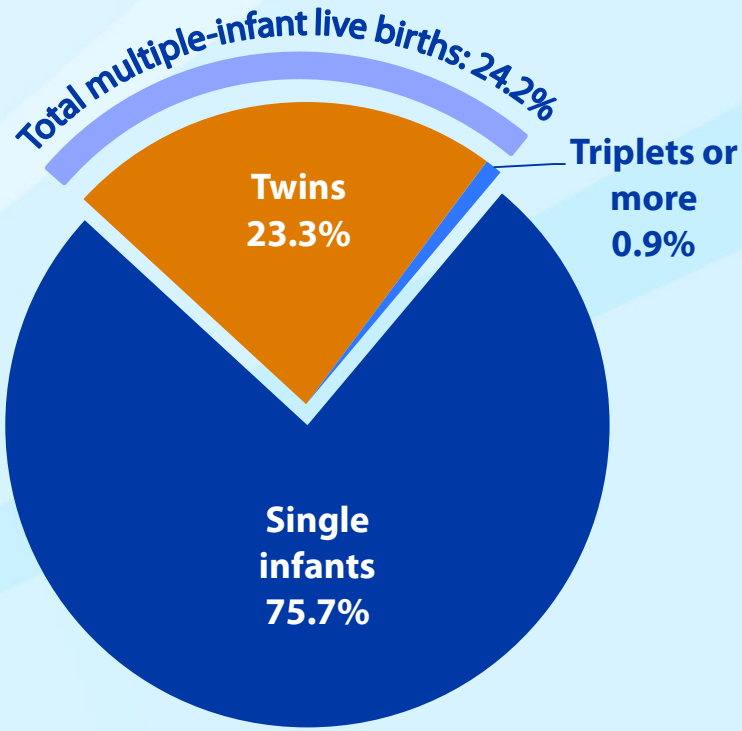
Distribution of Multiple-Fetus Pregnancies and Multiple-Infant Live Births Among ART Cycles Using Fresh Nondonor Eggs or Embryos, 2014



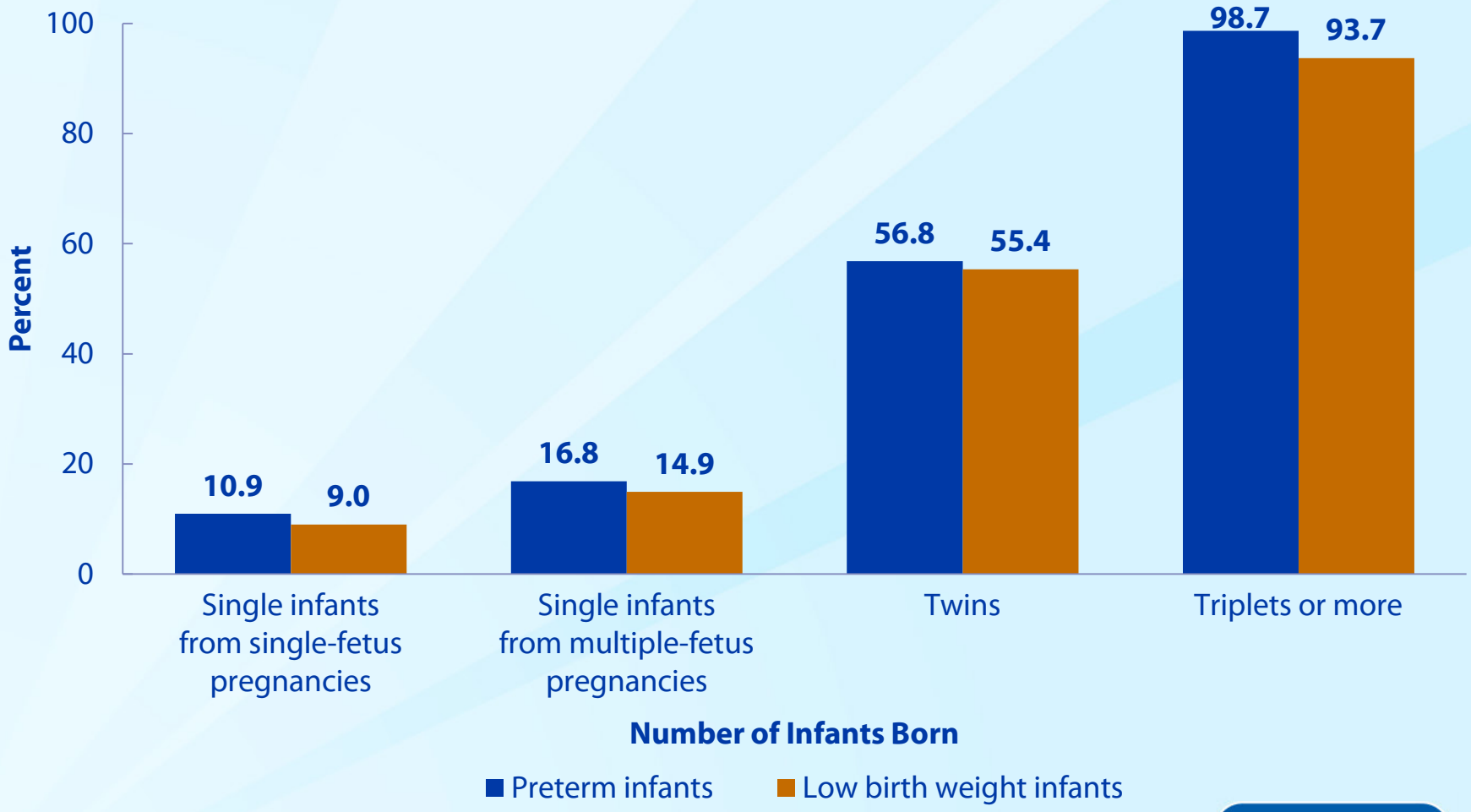
A. 30,647 pregnancies



B. 25,016 live births*

* Total does not equal 100% due to rounding.

Percentages of Preterm Infants or Infants with Low Birth Weight from ART Cycles Using Fresh Nondonor Eggs or Embryos, by Number of Infants Born, 2014



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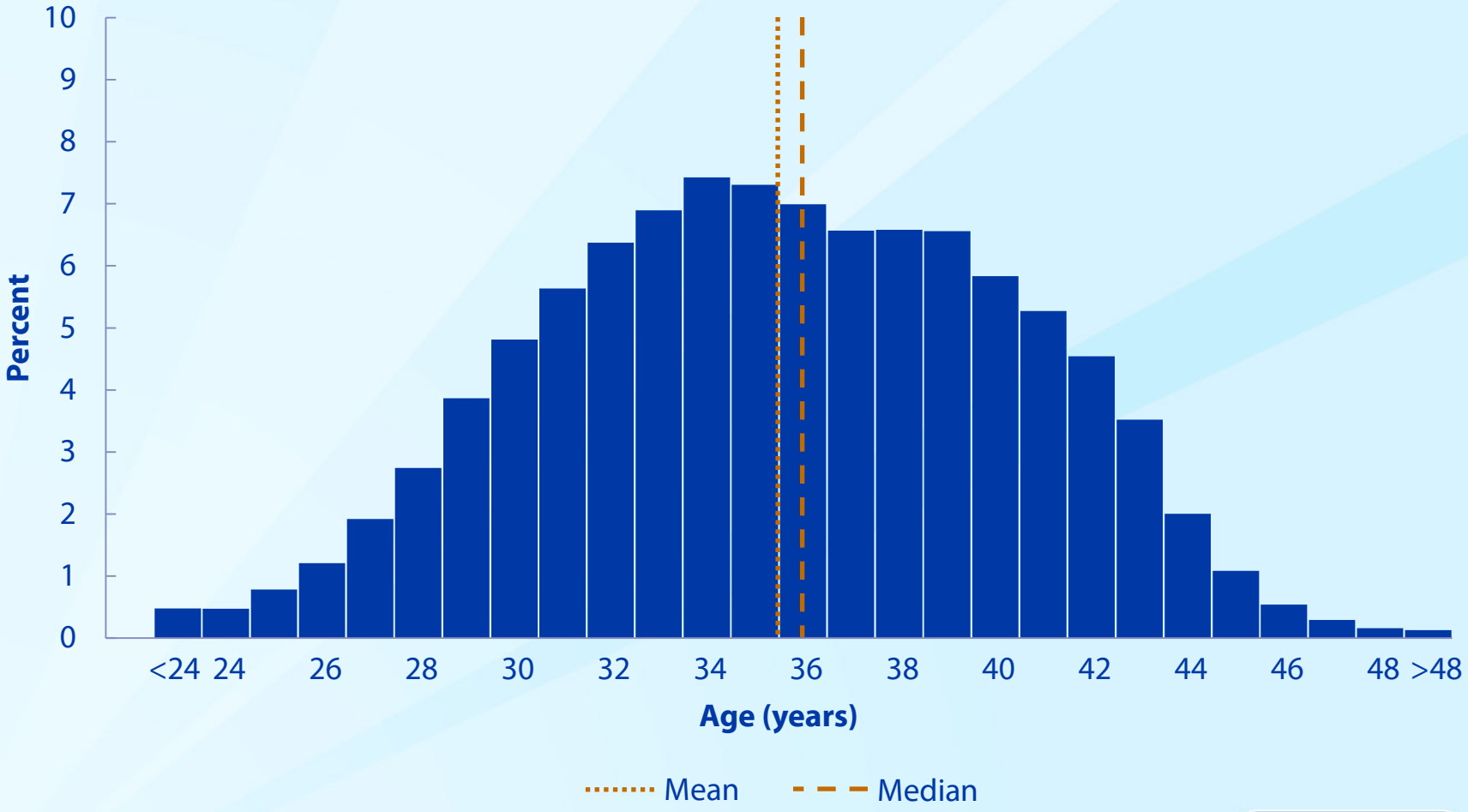
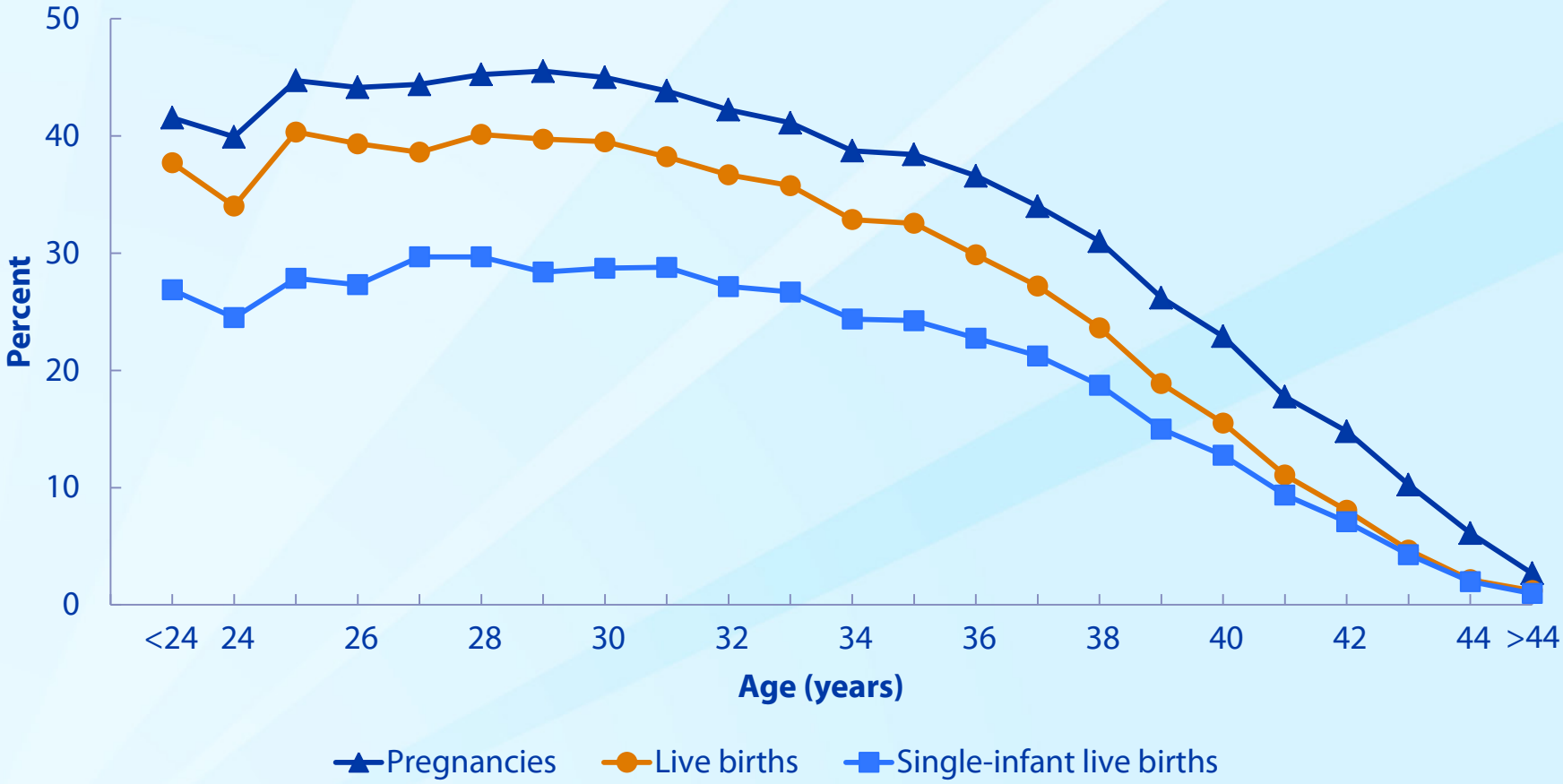
Age Distribution of Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, 2014



Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, by Age of Woman,* 2014



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

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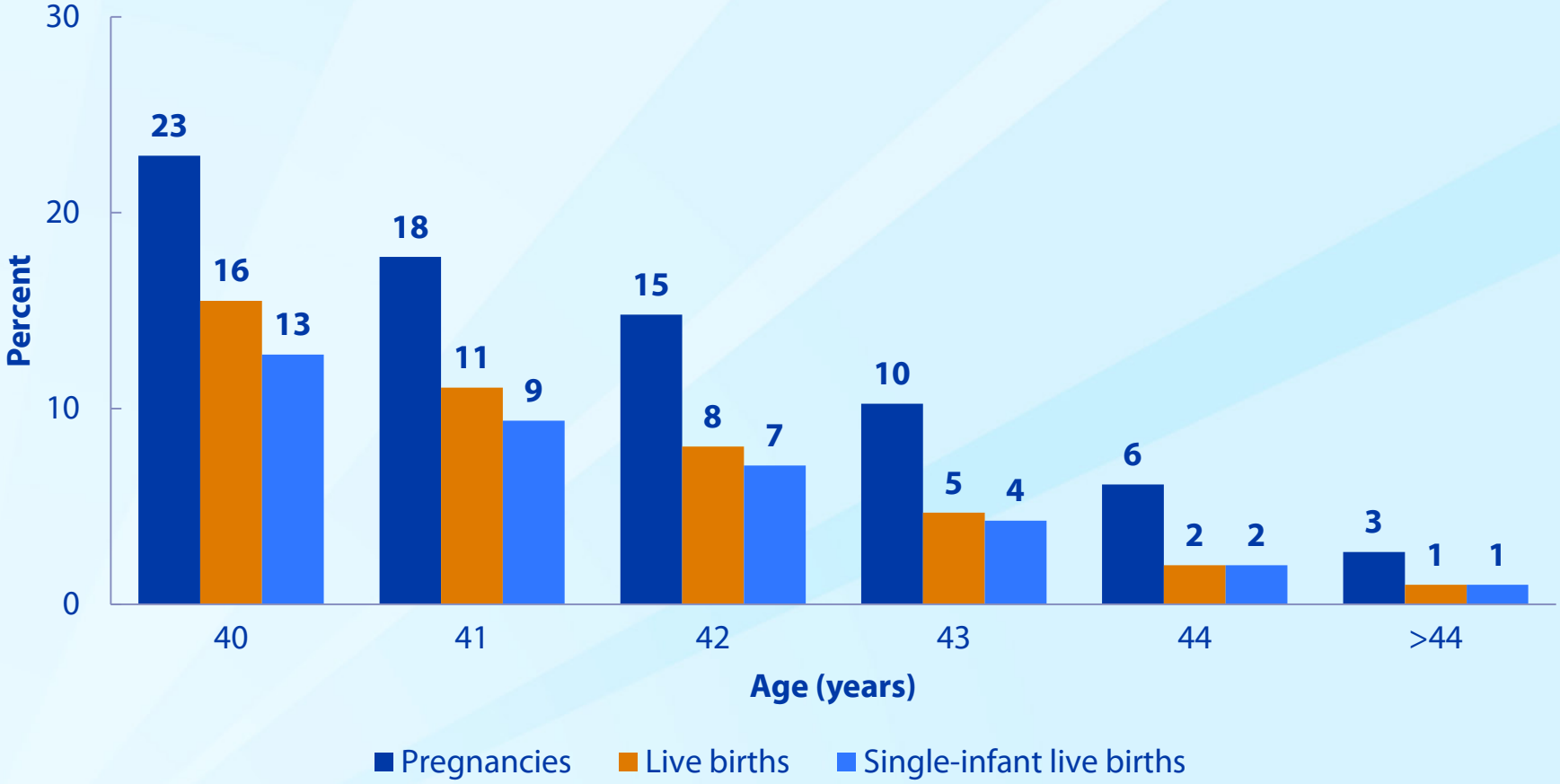
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Single-Infant Live Births Among Women Aged 40 or Older,* 2014



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

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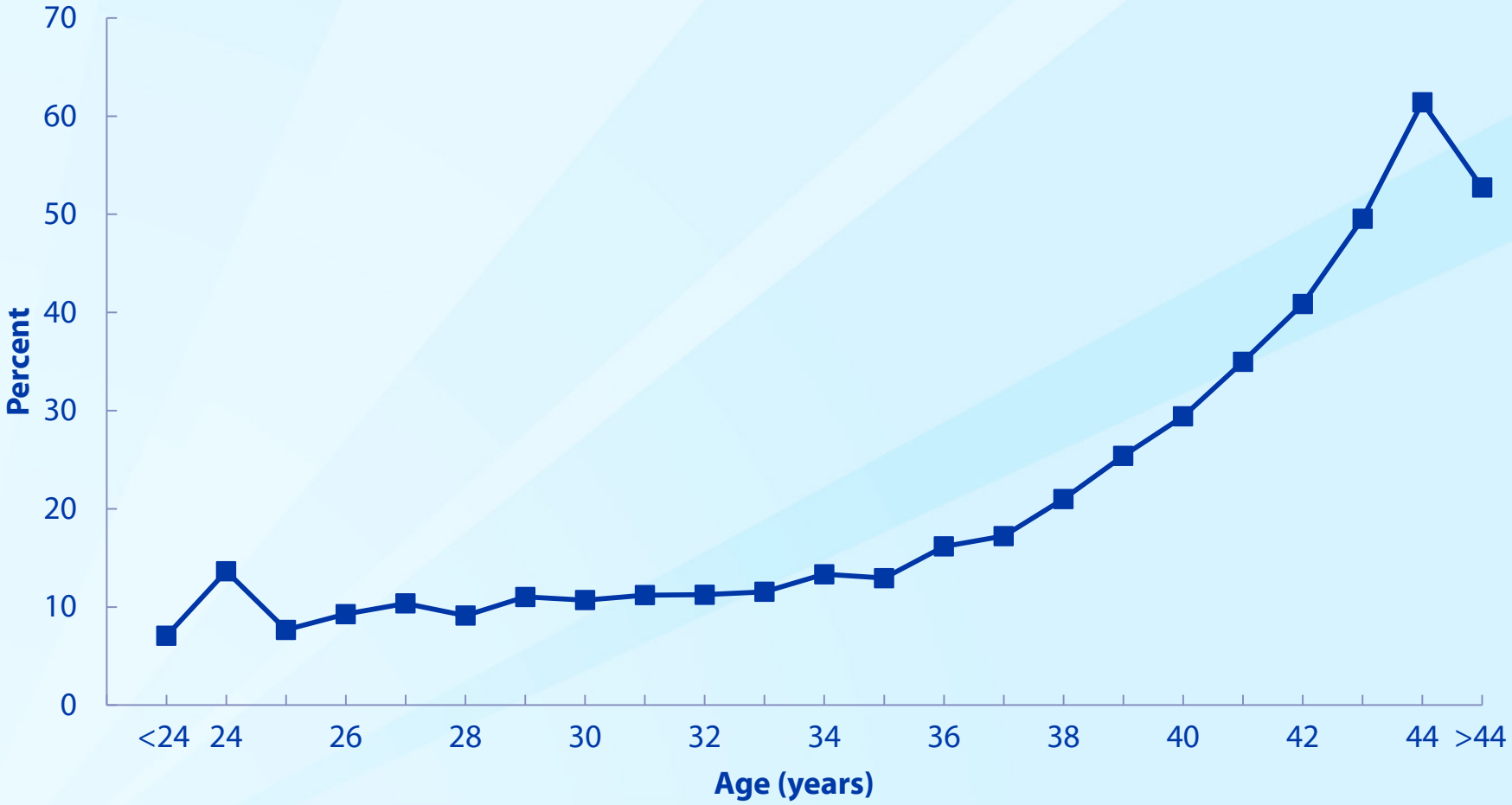
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Miscarriage, by Age of Woman, 2014



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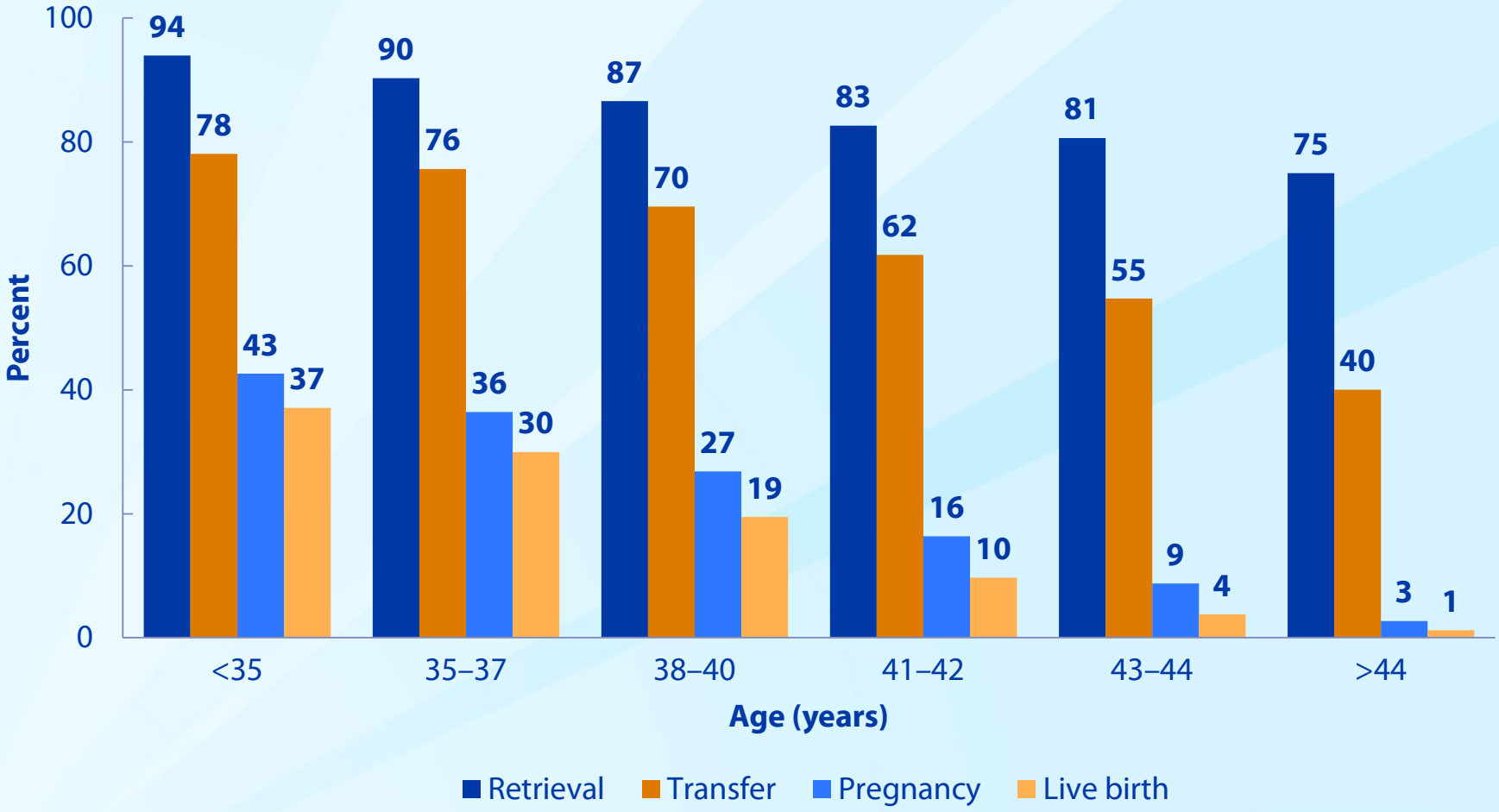
Outcomes of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Stage and Age Group, 2014



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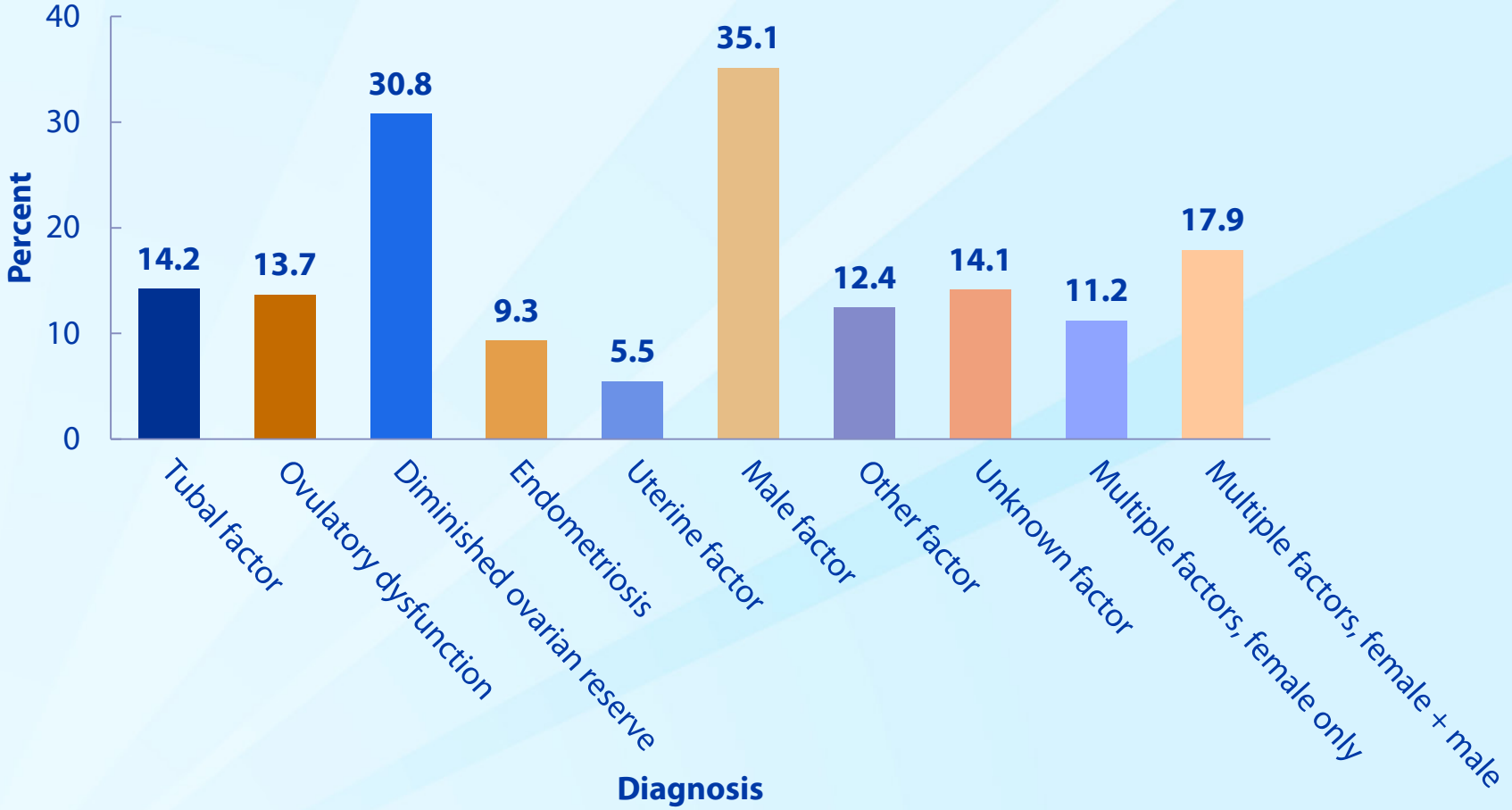
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Type of Infertility Diagnosis,* 2014



* Total percentages are greater than 100% because more than one diagnosis can be reported for each cycle.

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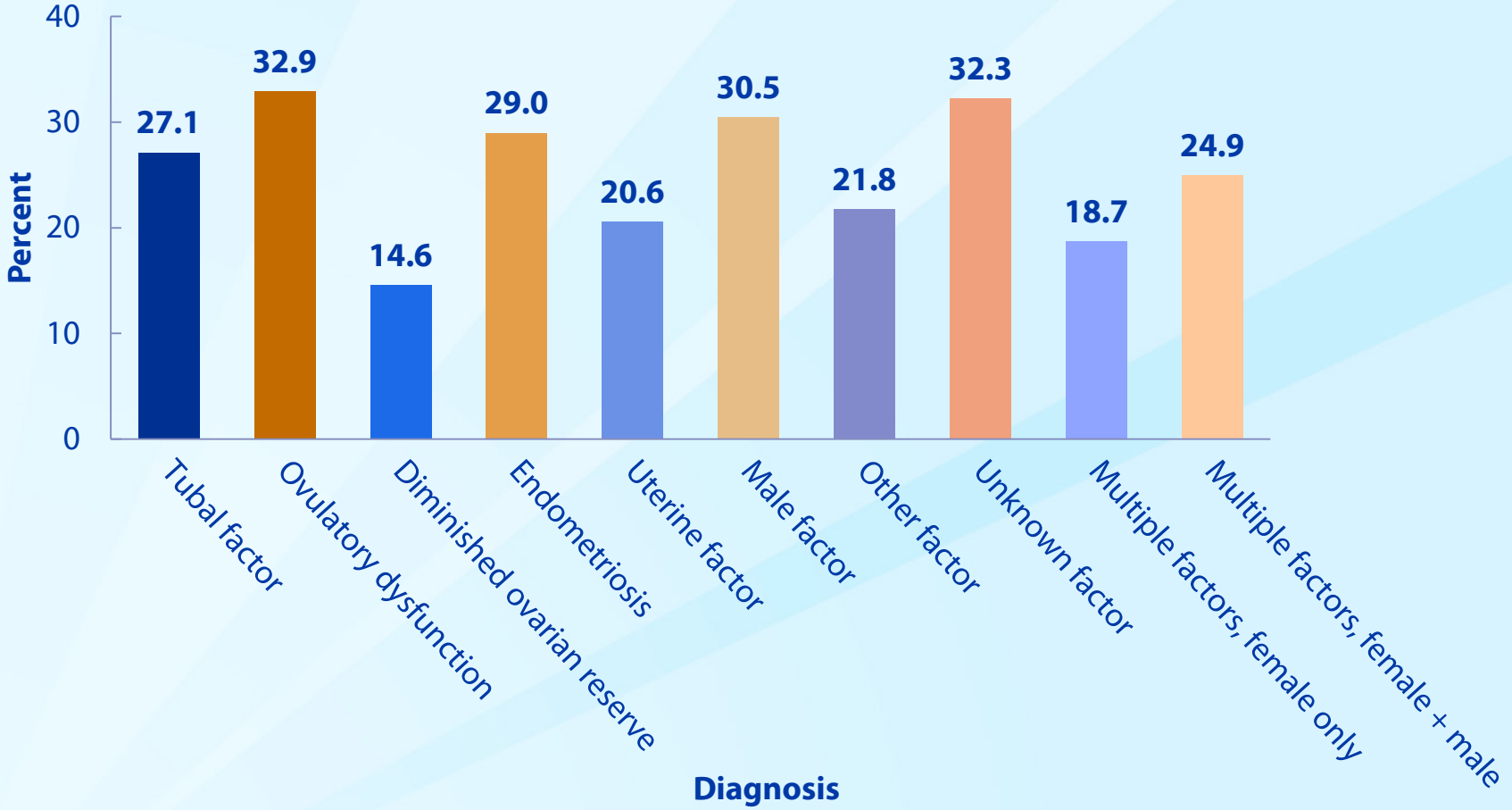
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Type of Infertility Diagnosis, 2014



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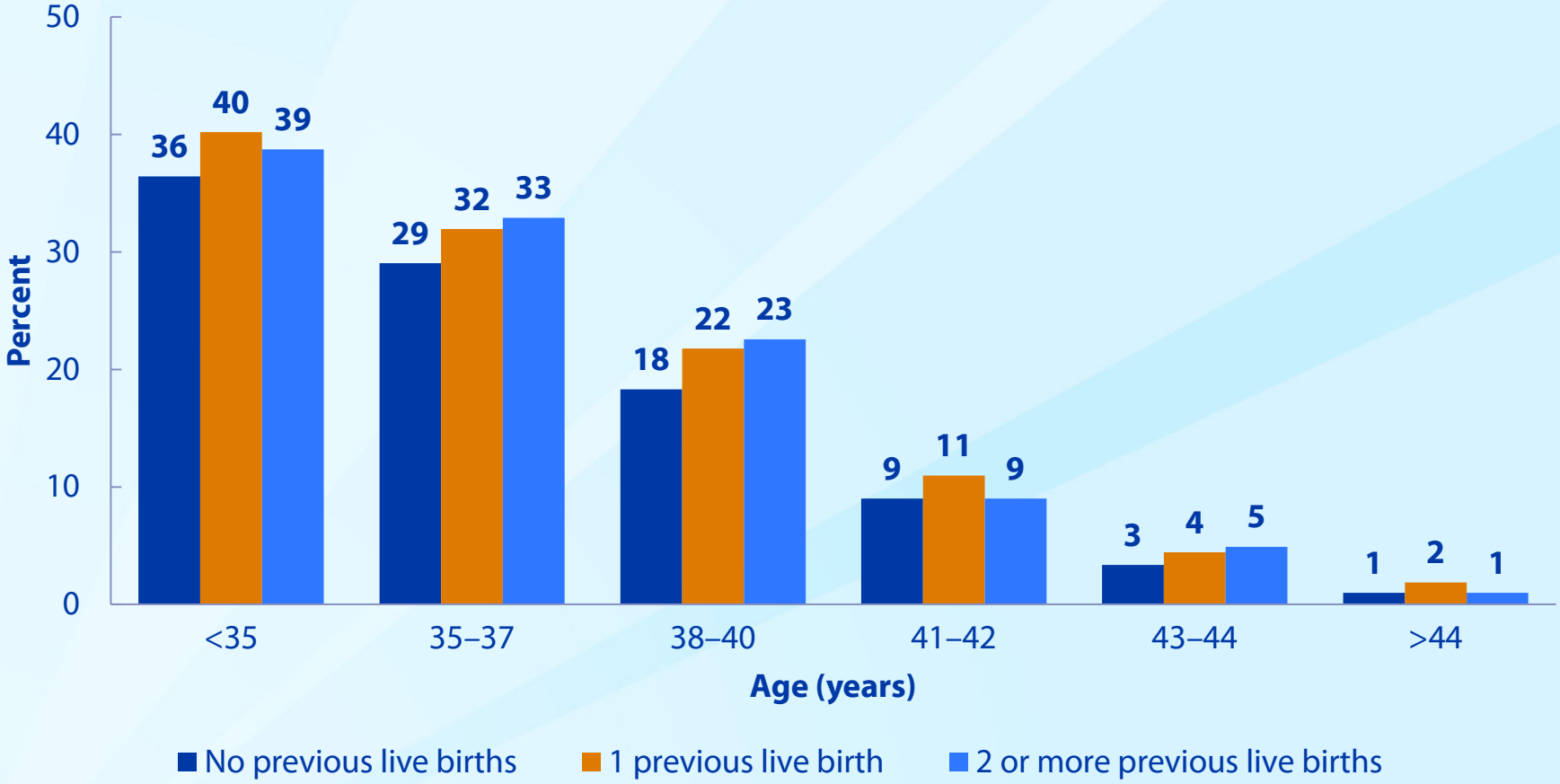
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age Group and Number of Previous Live Births, 2014



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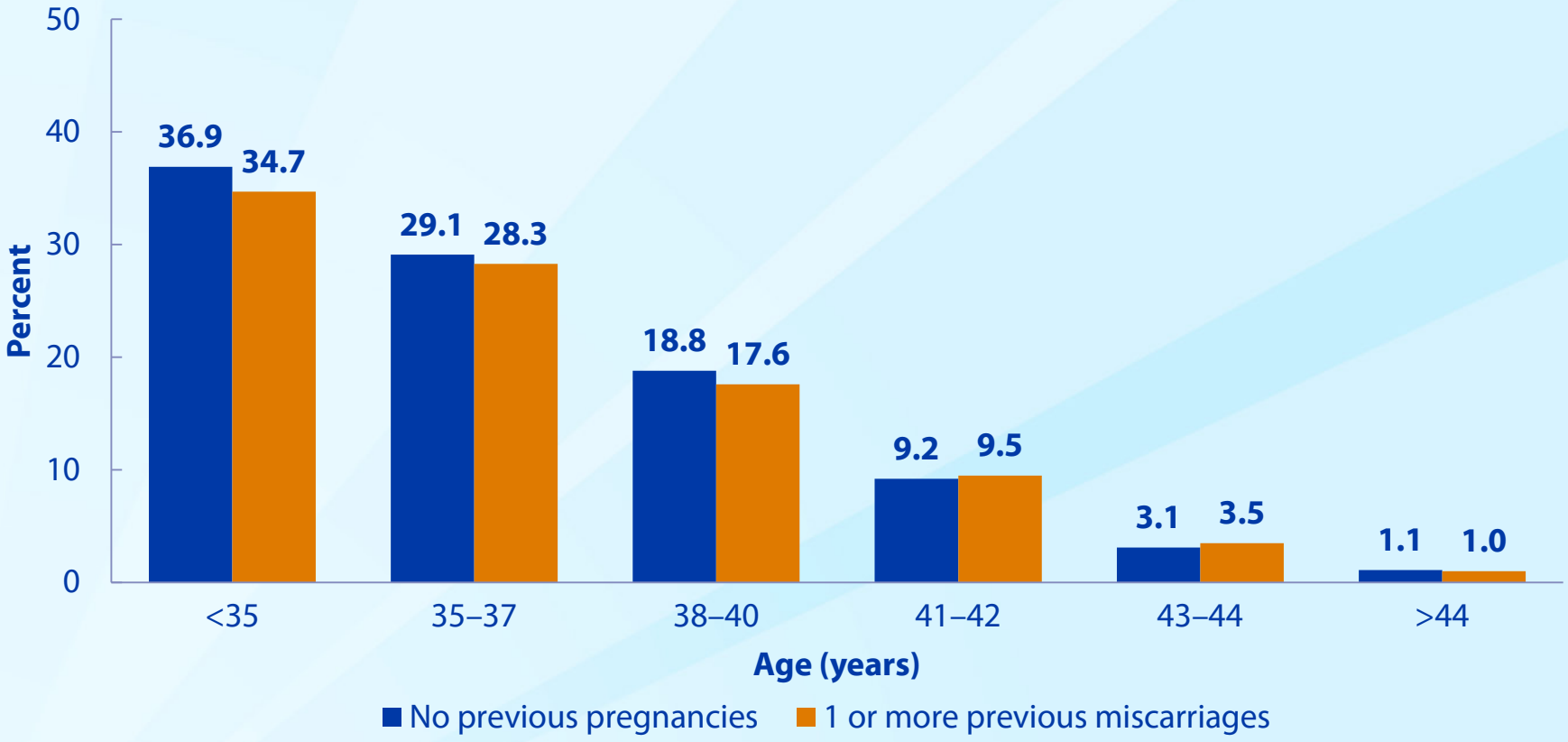
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age Group and History of Miscarriage, Among Women with No Previous Births,* 2014



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

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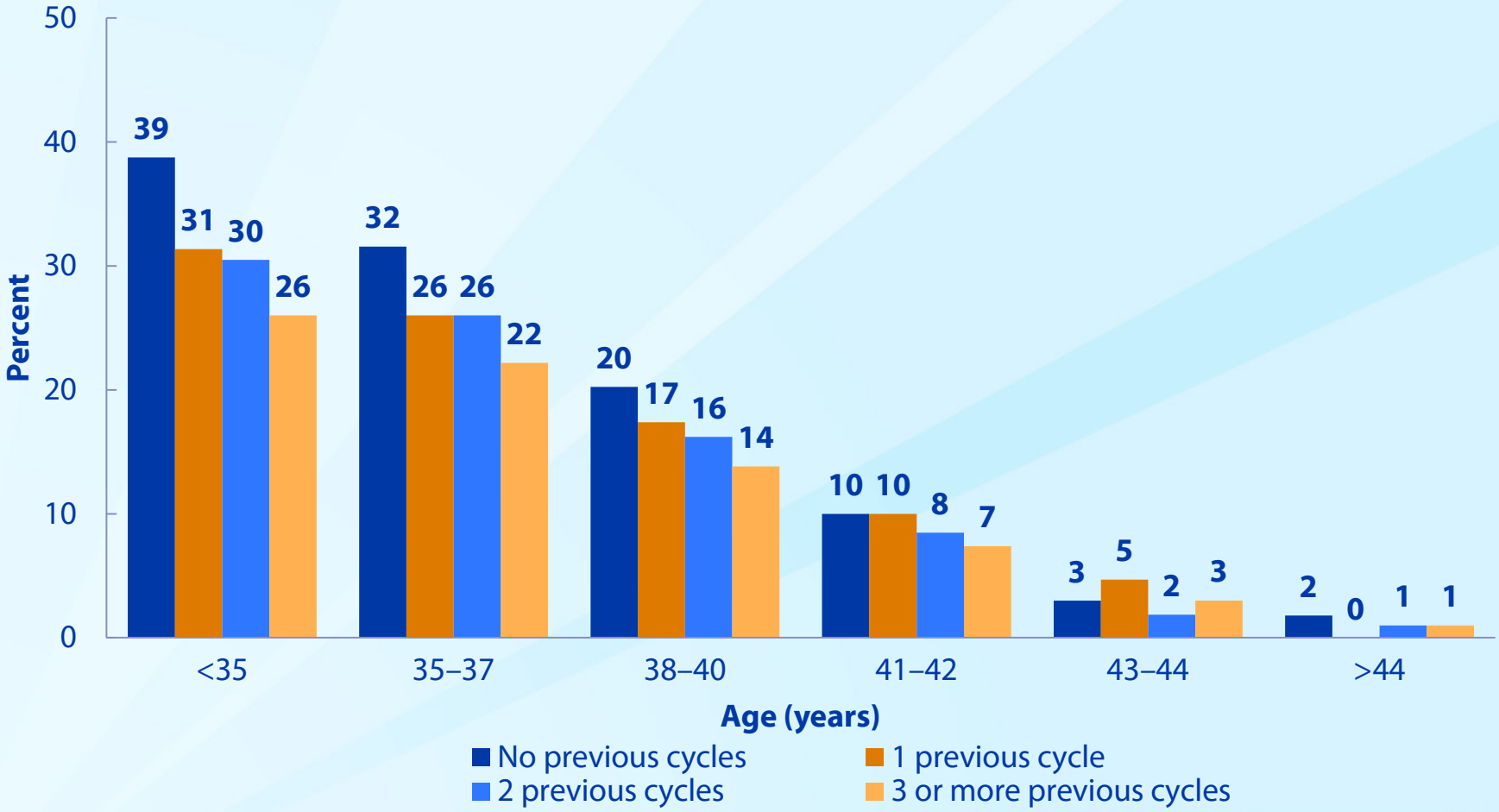
Percentages of ART Cycles Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age Group and Number of Previous ART Cycles, Among Women with No Previous Live Births, 2014



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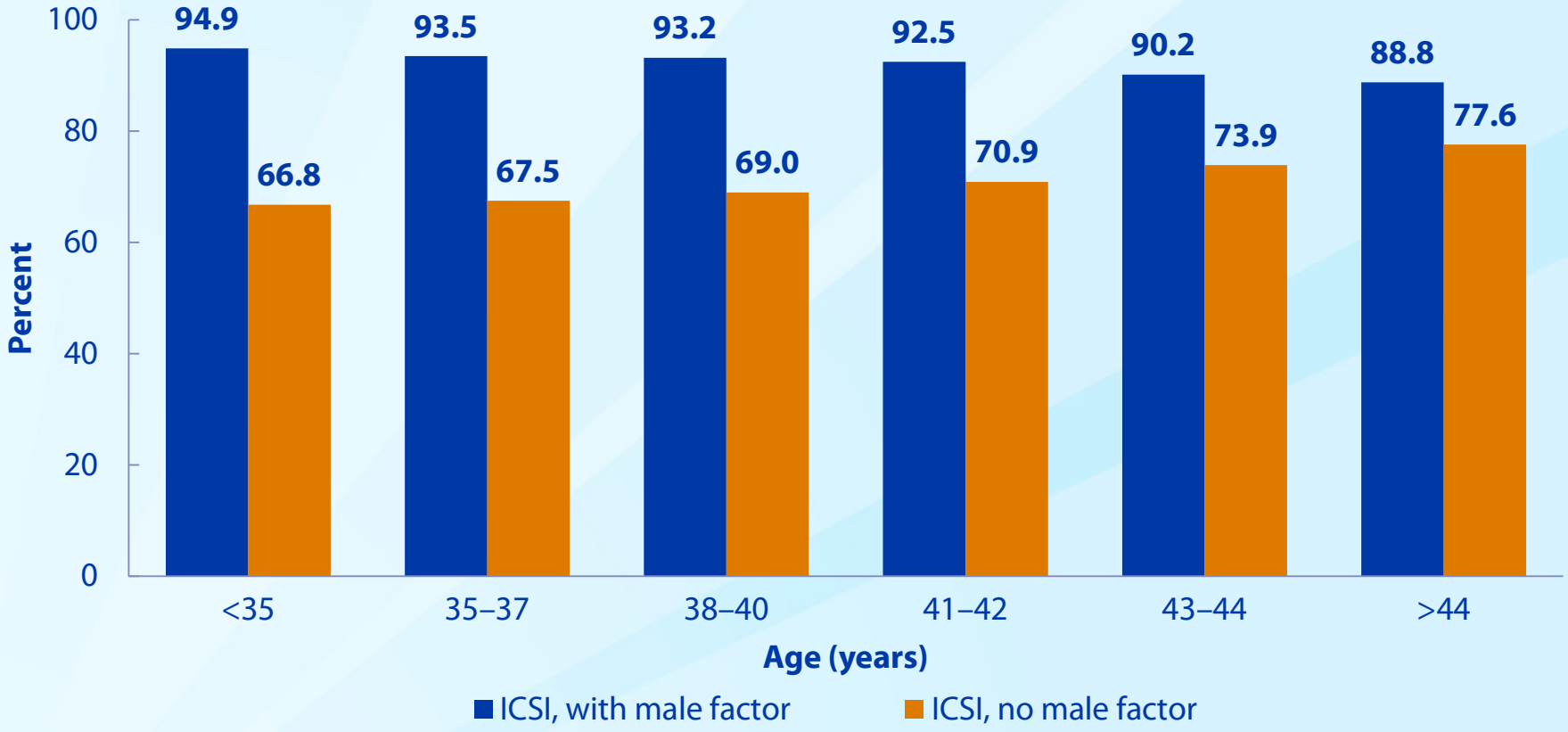
Percentages of Retrievals Using Fresh Nondonor Eggs or Embryos That Used ICSI, 2014



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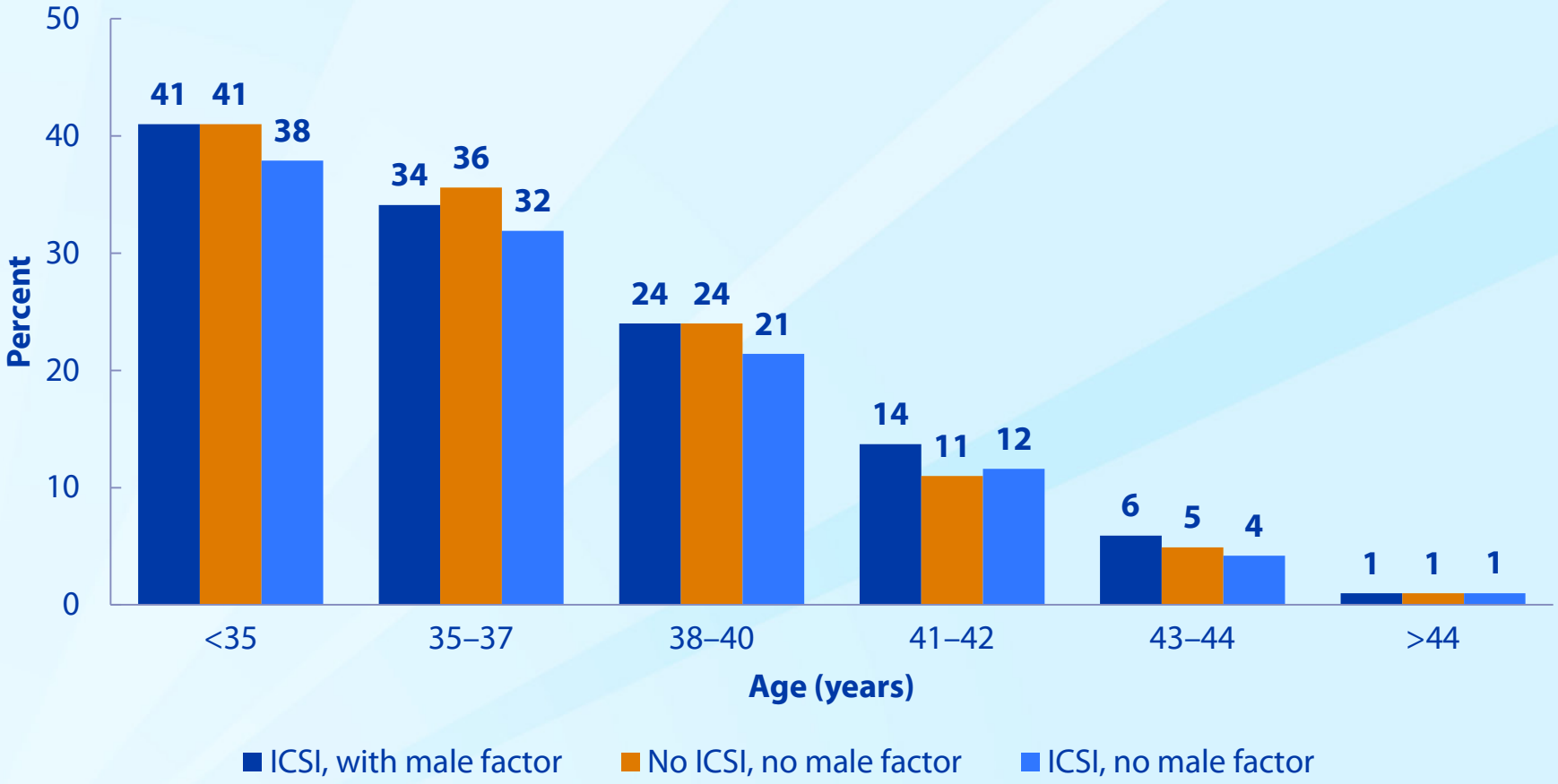
Percentages of Fresh Nondonor Retrievals That Resulted in Live Births Among Patients with or Without Diagnosed Male Factor Infertility, by Age Group and Use of ICSI,* 2014



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

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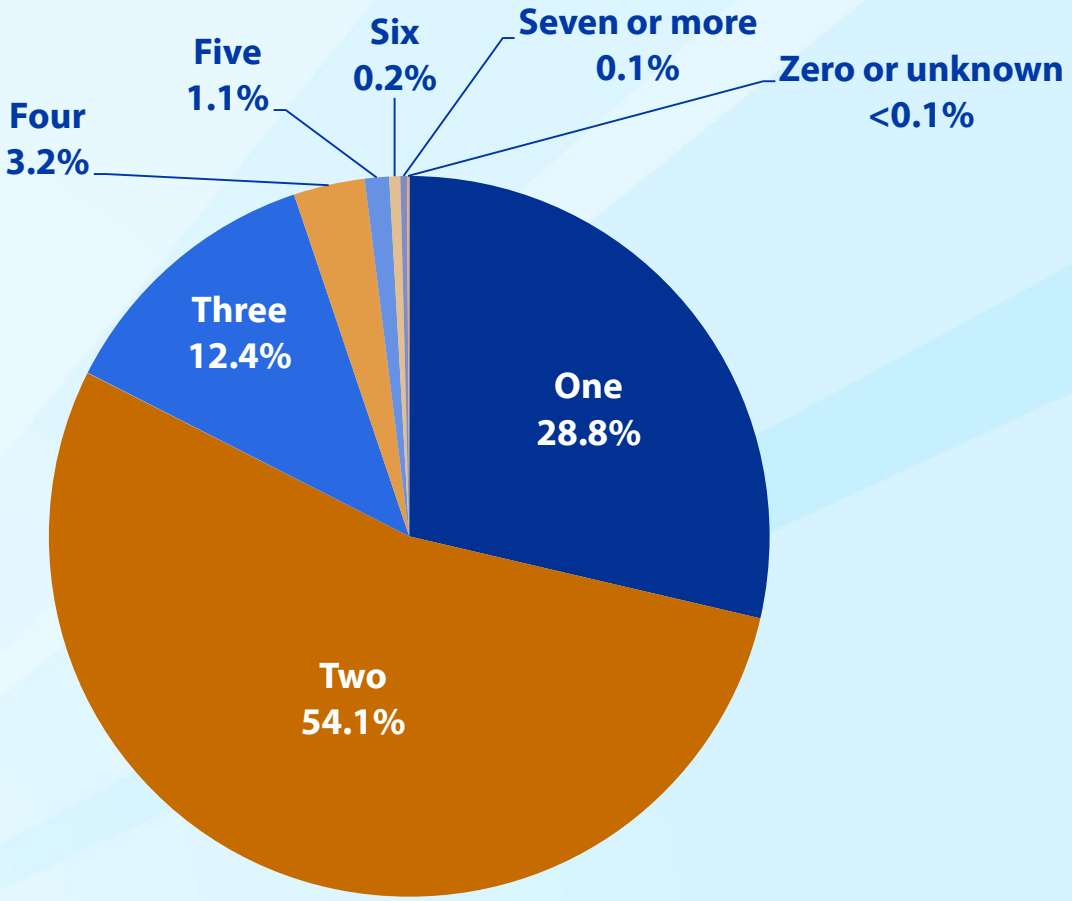
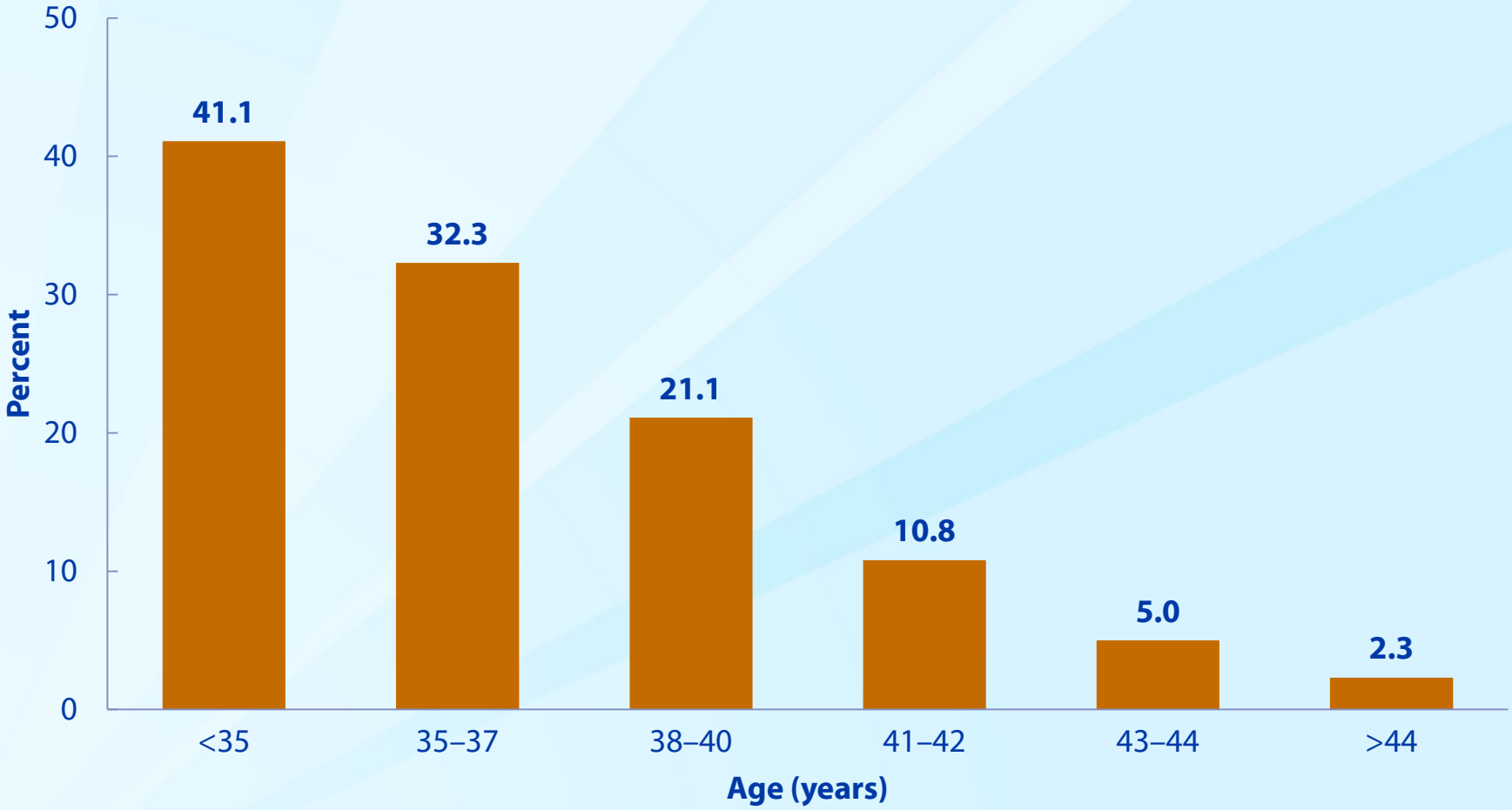
Numbers of Embryos Transferred Among All Transfers Using Fresh Nondonor Eggs or Embryos,* 2014



* Total does not equal 100% due to rounding.

Percentages of Embryos Transferred That Implanted Using Fresh Nondonor Eggs or Embryos, by Age Group, 2014



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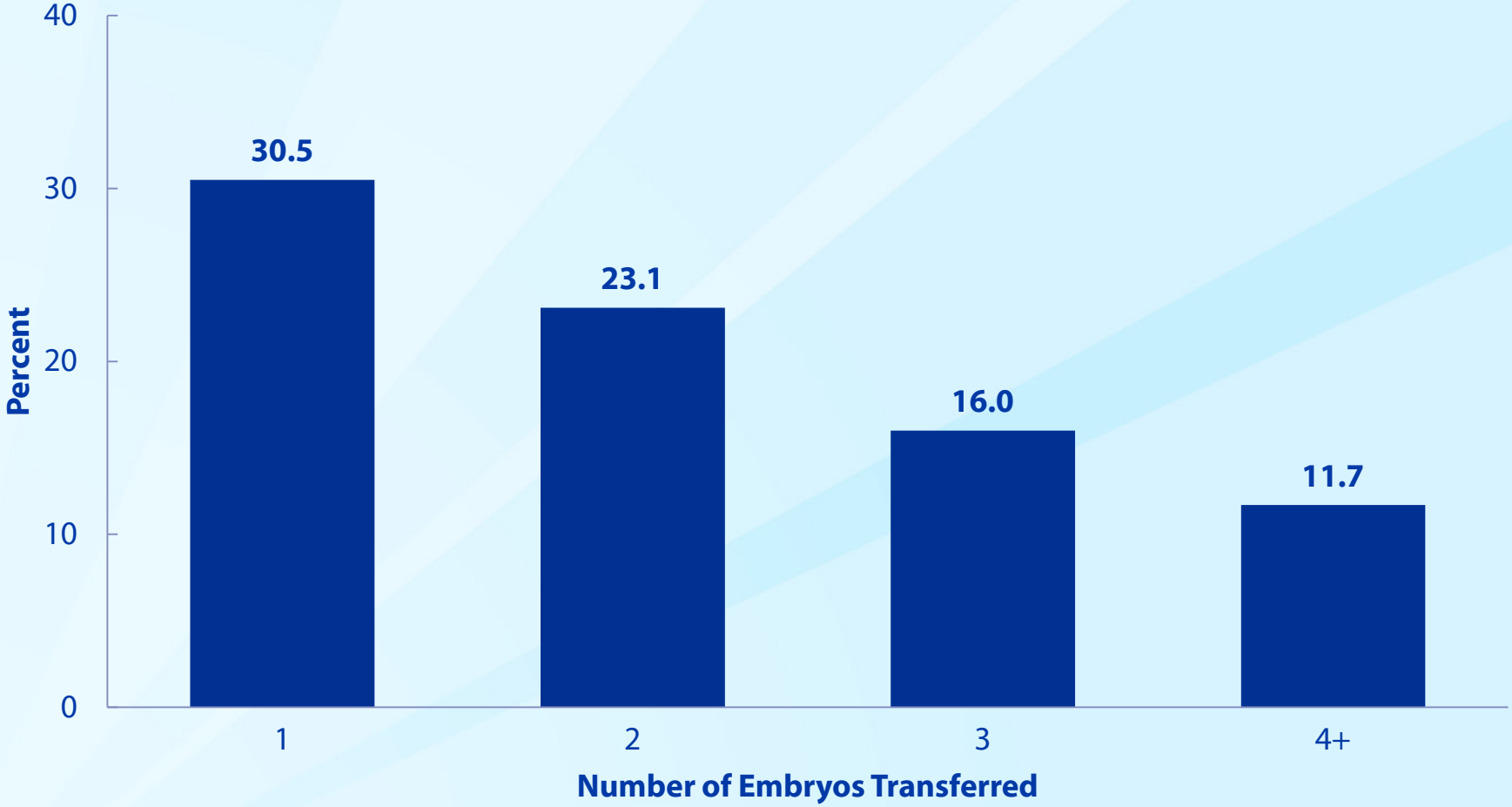
Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births of Single, Term, and Normal Birth Weight Infants, by Number of Embryos Transferred, 2014



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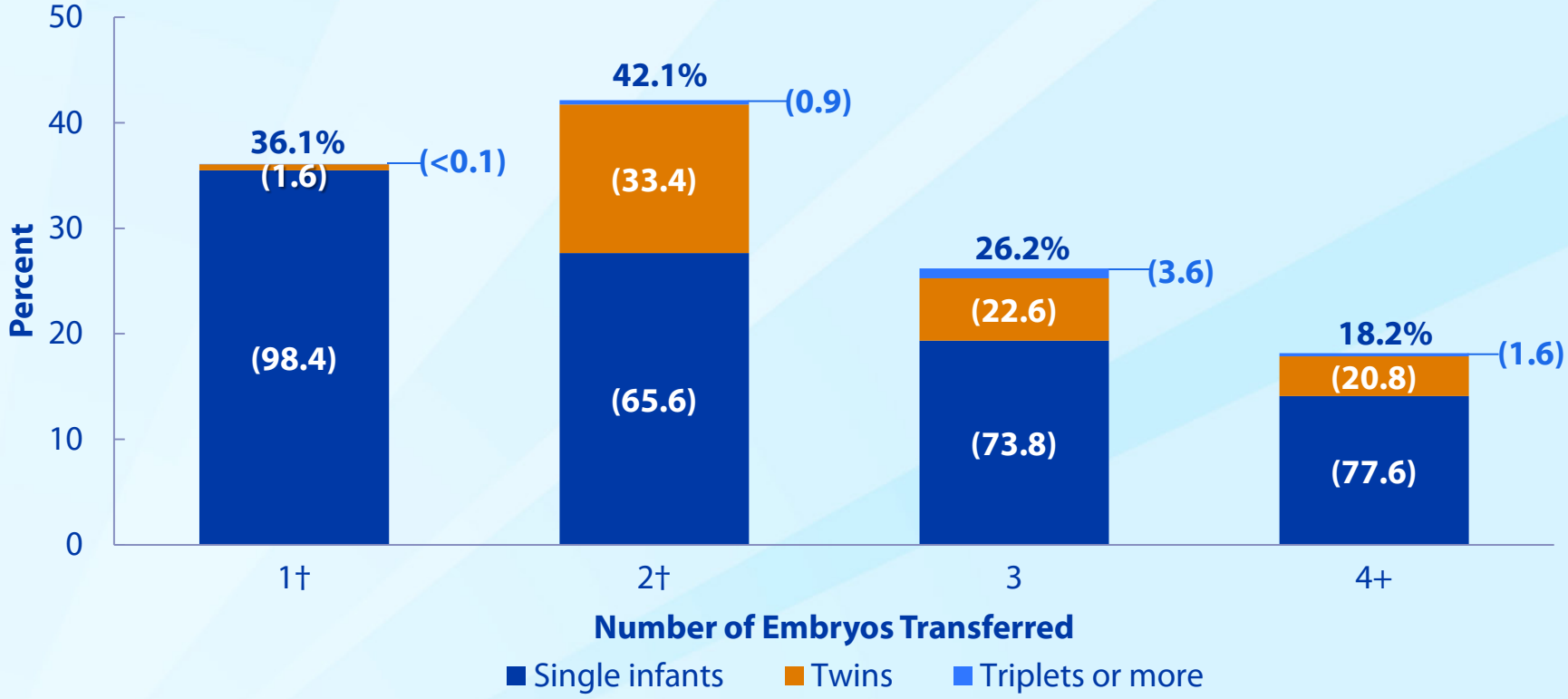
Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births and Distribution of Number of Infants Born, by Number of Embryos Transferred,* 2014



* Percentages of transfers resulting in live births are shown on top of each bar graph. Percentages of live births that were single infants, twins, and triplets or more are in parentheses.

† Totals do not equal 100% due to rounding.

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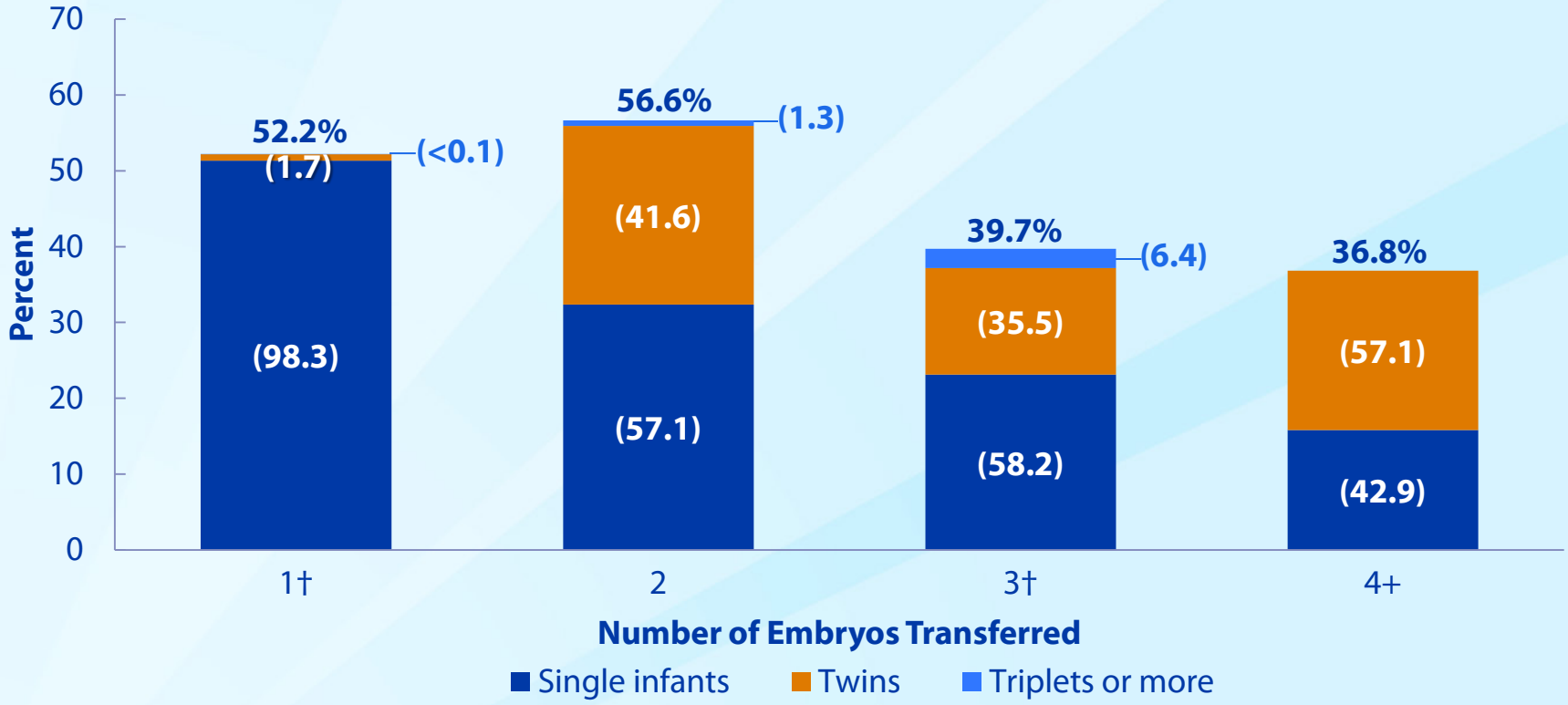
Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births and Distribution of Number of Infants Born Among Good-Prognosis Women, by Number of Embryos Transferred,* 2014



* Percentages of transfers resulting in live births are shown on top of each bar graph. Percentages of live births that were single infants, twins, and triplets or more are in parentheses.

† Totals do not equal 100% due to rounding.

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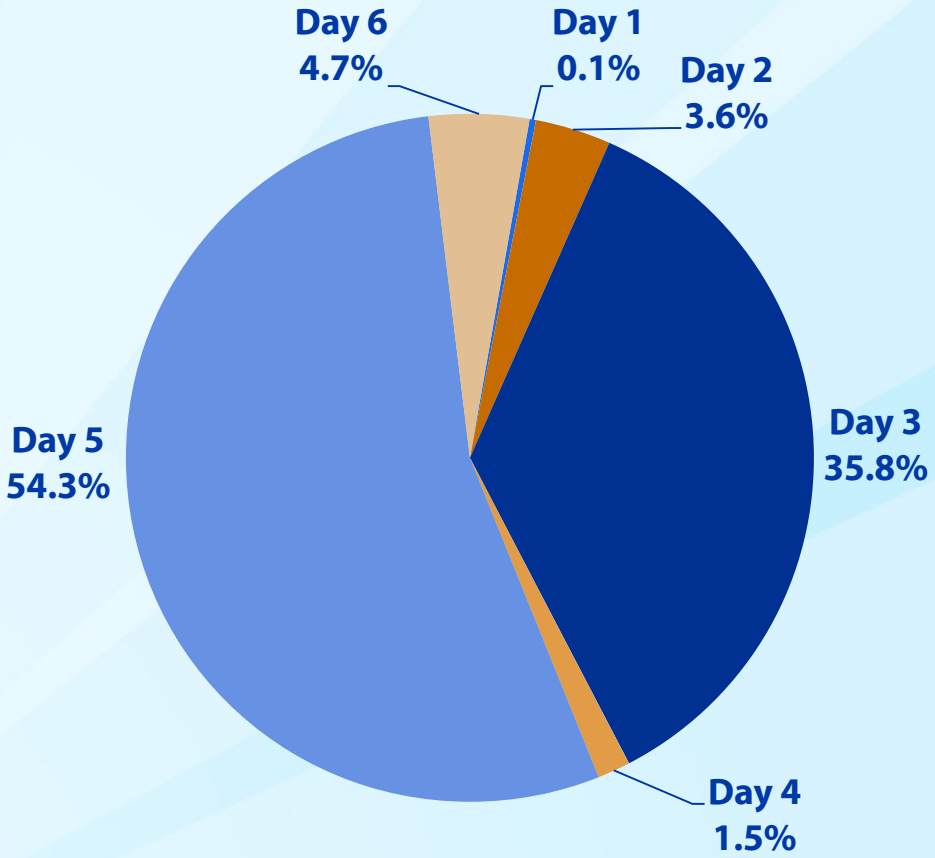
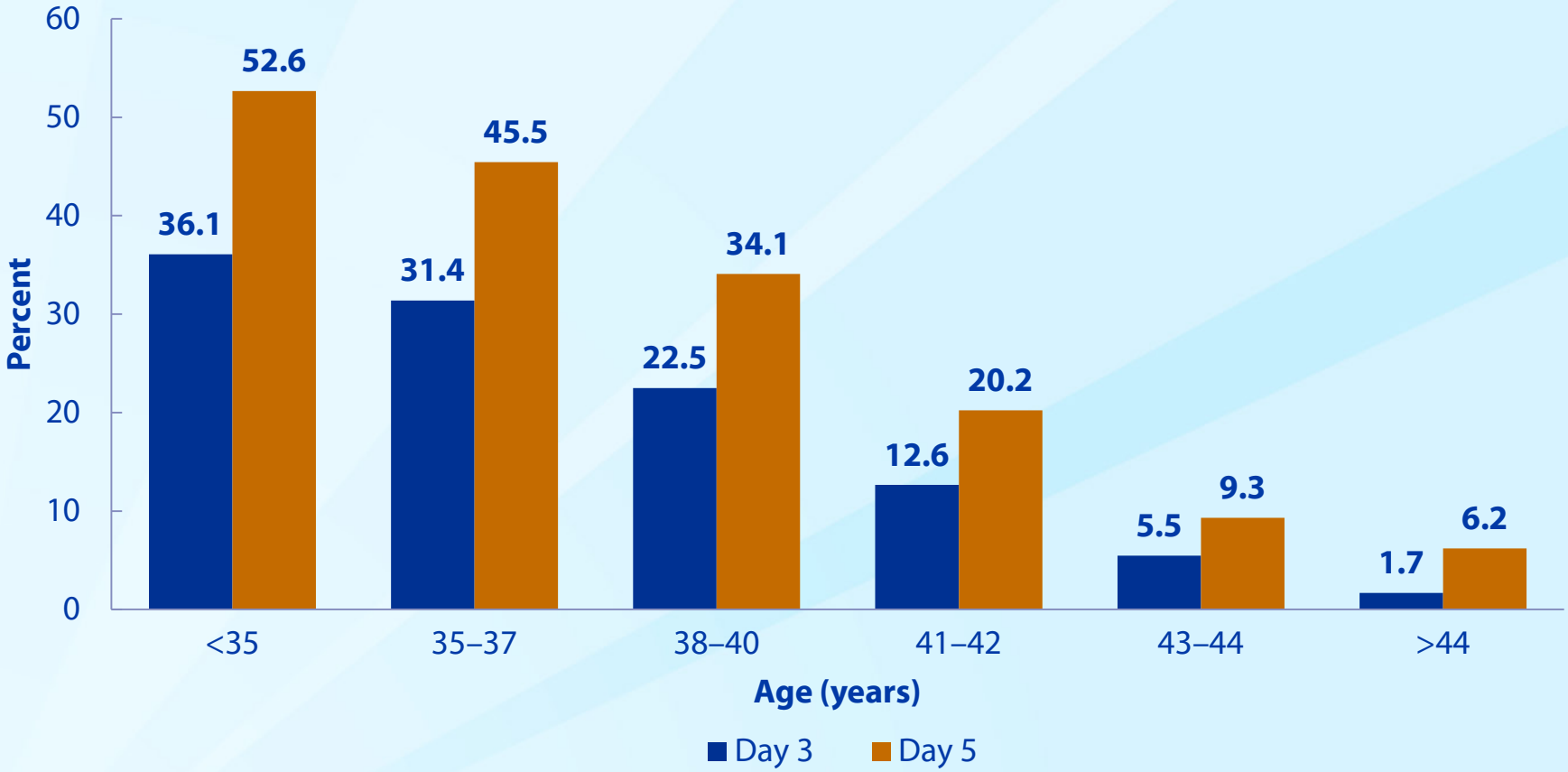
Day of Embryo Transfer* Among All ART Transfers Using Fresh Nondonor Eggs or Embryos,† 2014



* Number of days following egg retrieval.

† Cycles using GIFT or ZIFT are excluded. Missing or implausible values for day of embryo transfer (that is, 0 or greater than 6) are not included.

Percentages of Day 3 and Day 5 Embryo Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Age Group,* 2014



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

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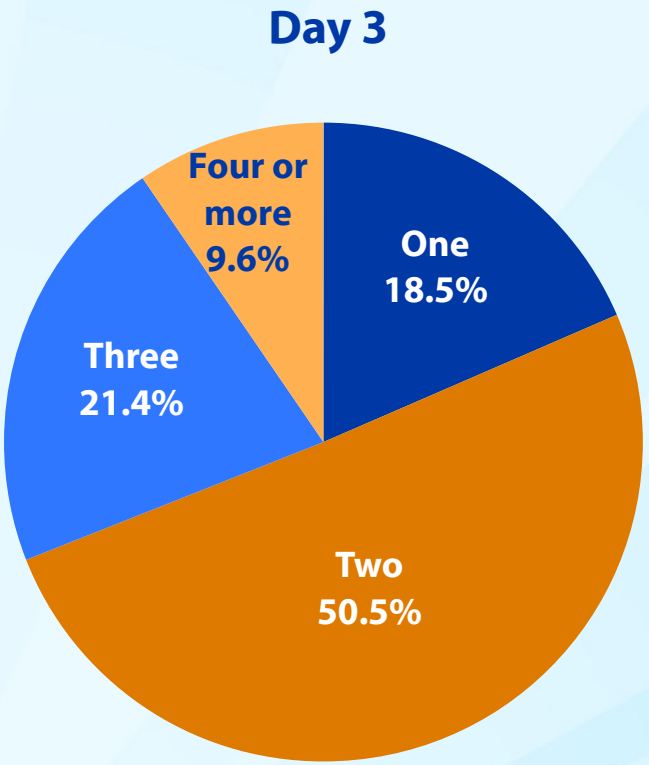
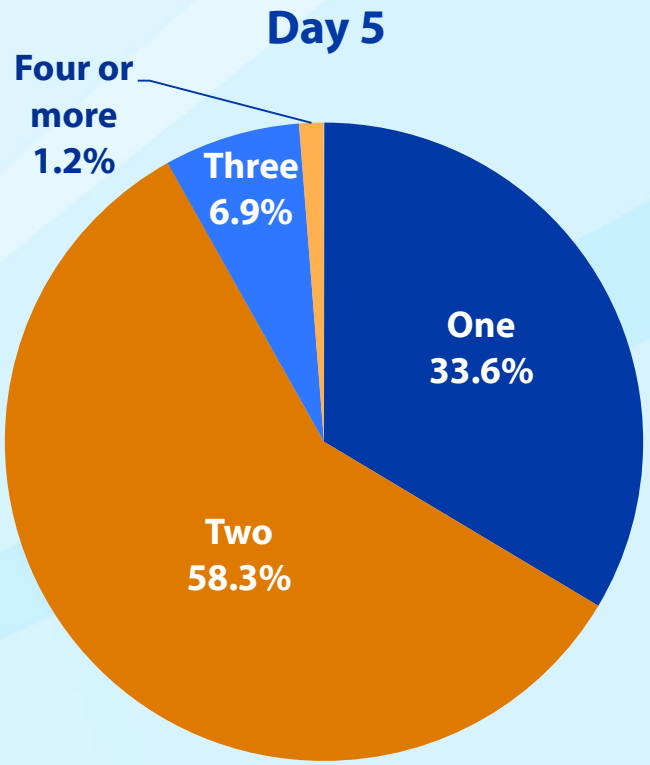
Numbers of Embryos Transferred on Day 3 and Day 5 Among All Transfers Using Fresh Nondonor Eggs or Embryos,* 2014





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

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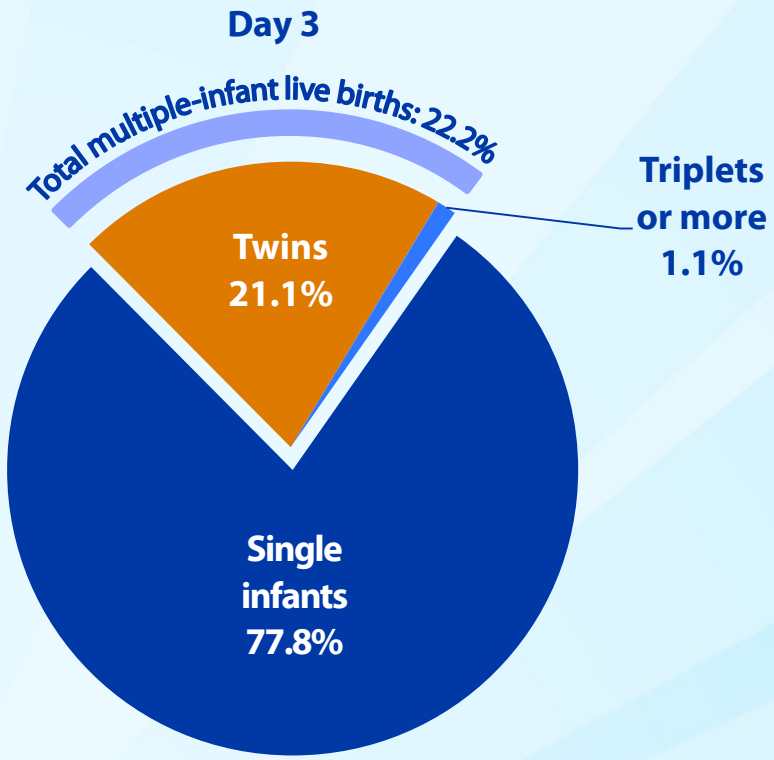
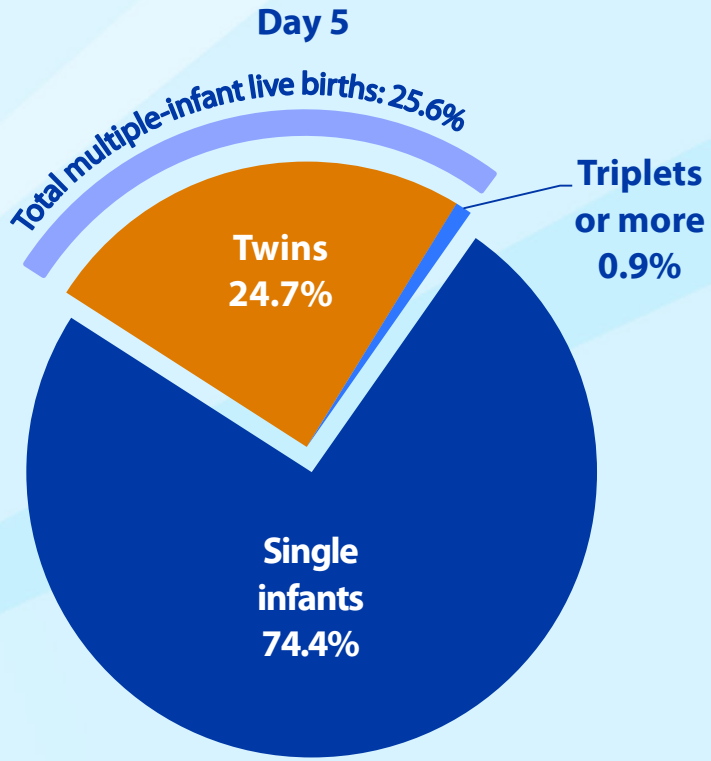
Distribution of Number of Infants Born Among Day 3 and Day 5 Embryo Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births,* 2014



A. 6,242 live births



B. 16,531 live births

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

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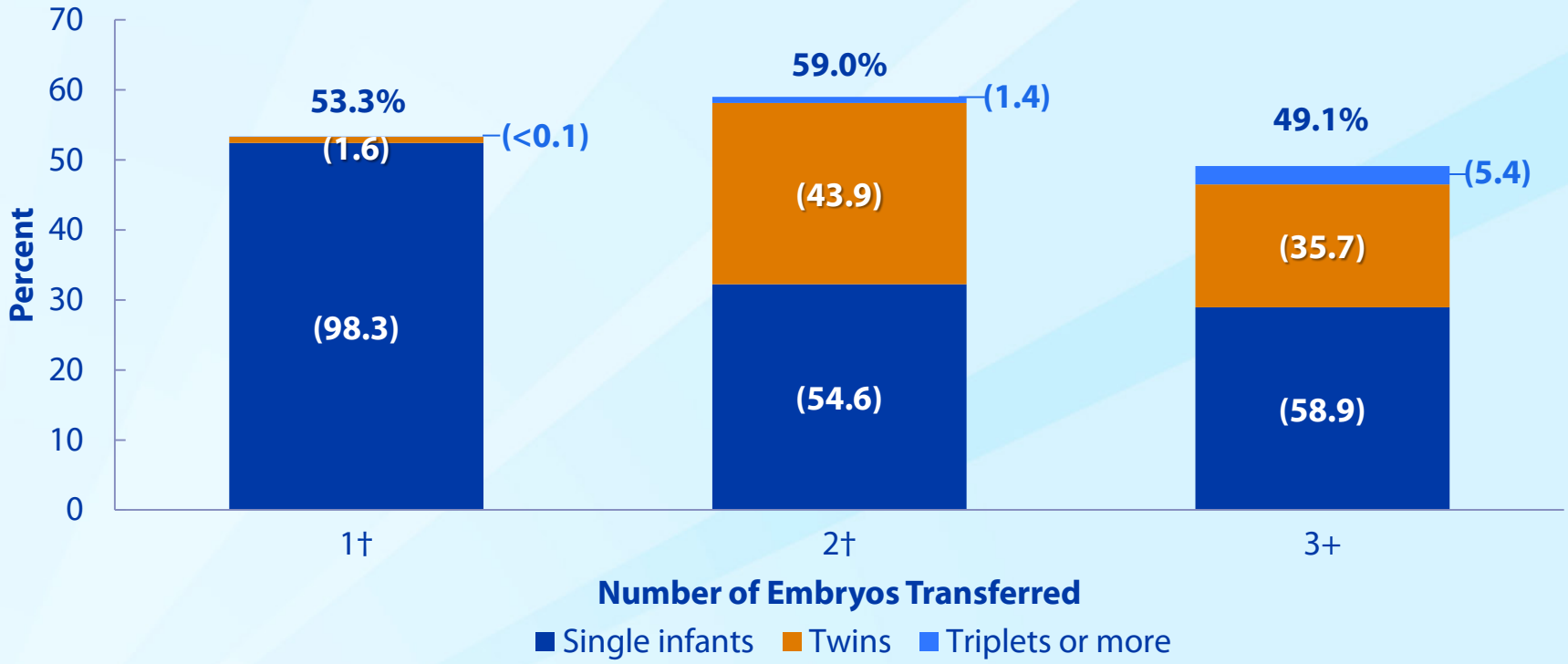
Percentages of Day 5 Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births and Distribution of Number of Infants Born Among Good-Prognosis Women, by Number of Embryos Transferred,* 2014



* Percentages of transfers resulting in live births are shown on top for each bar graph. Percentages of live births that were single infants, twins, and triplets or more are in parentheses. Cycles using GIFT or ZIFT are excluded.

† Totals do not equal 100% due to rounding.

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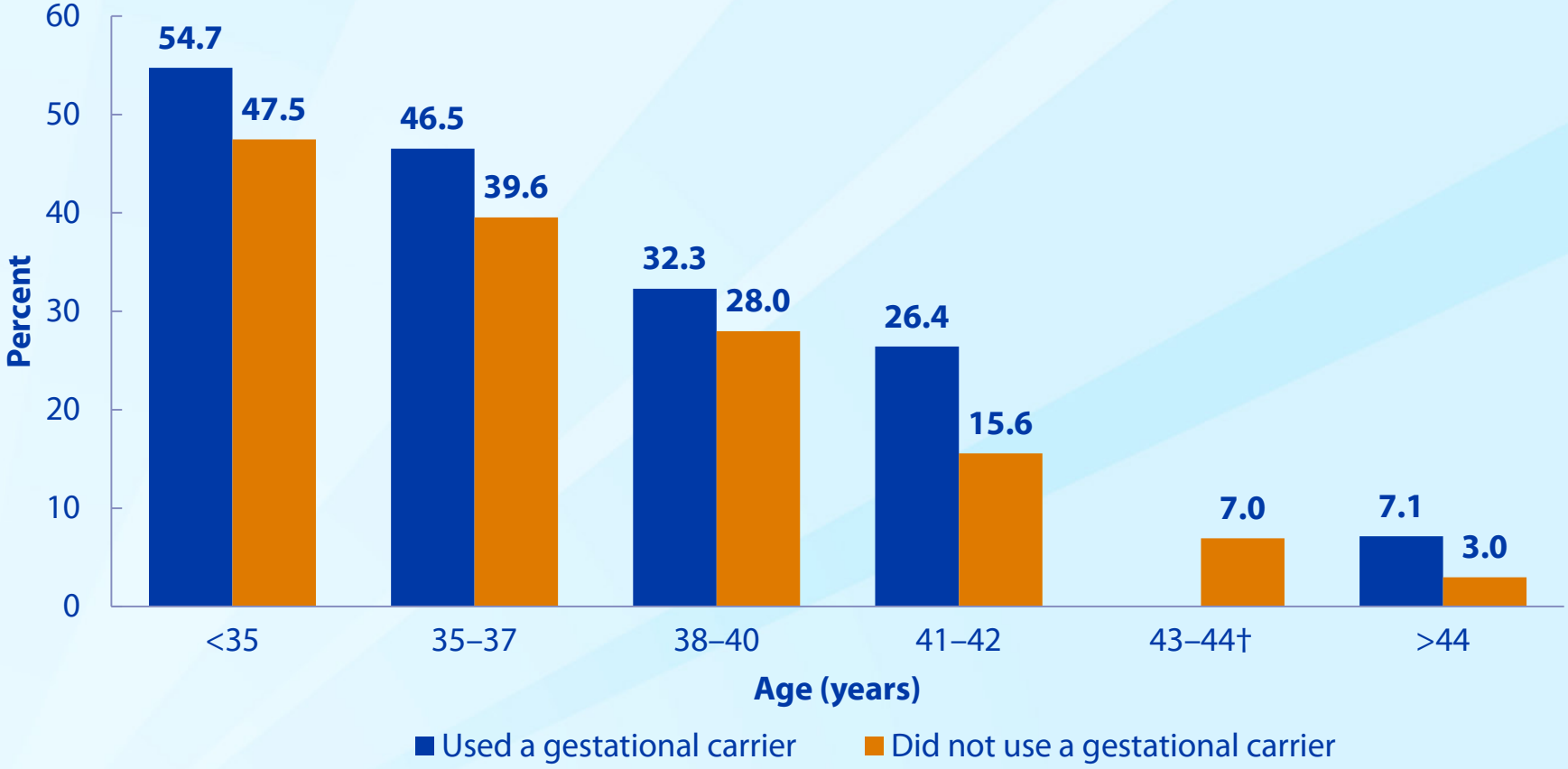
Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births Among ART Cycles That Used Gestational Carriers and Those That Did Not, by Age Group,* 2014



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

† There were no transfers resulting in live births among patients aged 43–44 who used gestational carriers.

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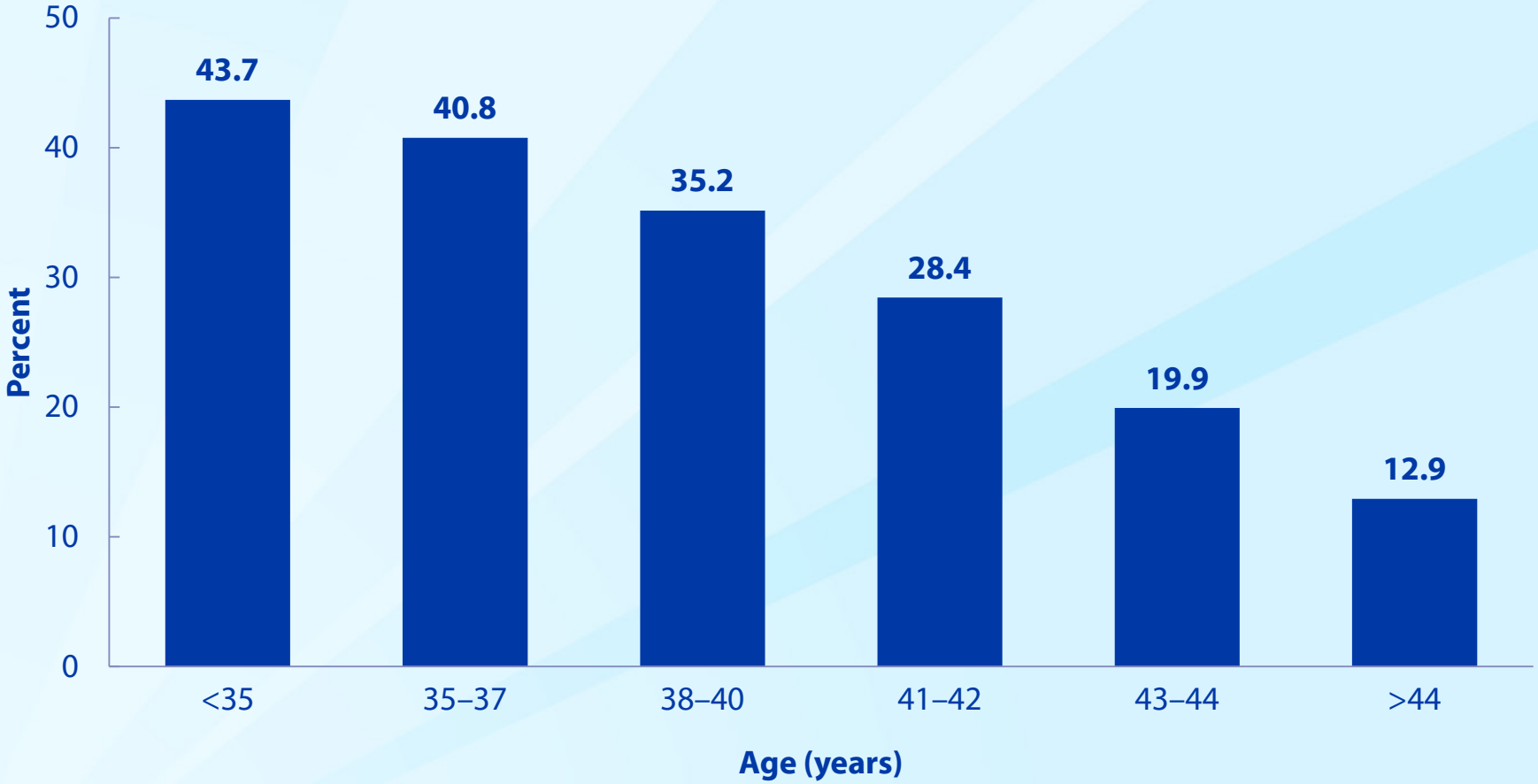
Percentages of Embryos Transferred That Implanted Using Frozen Nondonor Embryos, by Age Group, 2014



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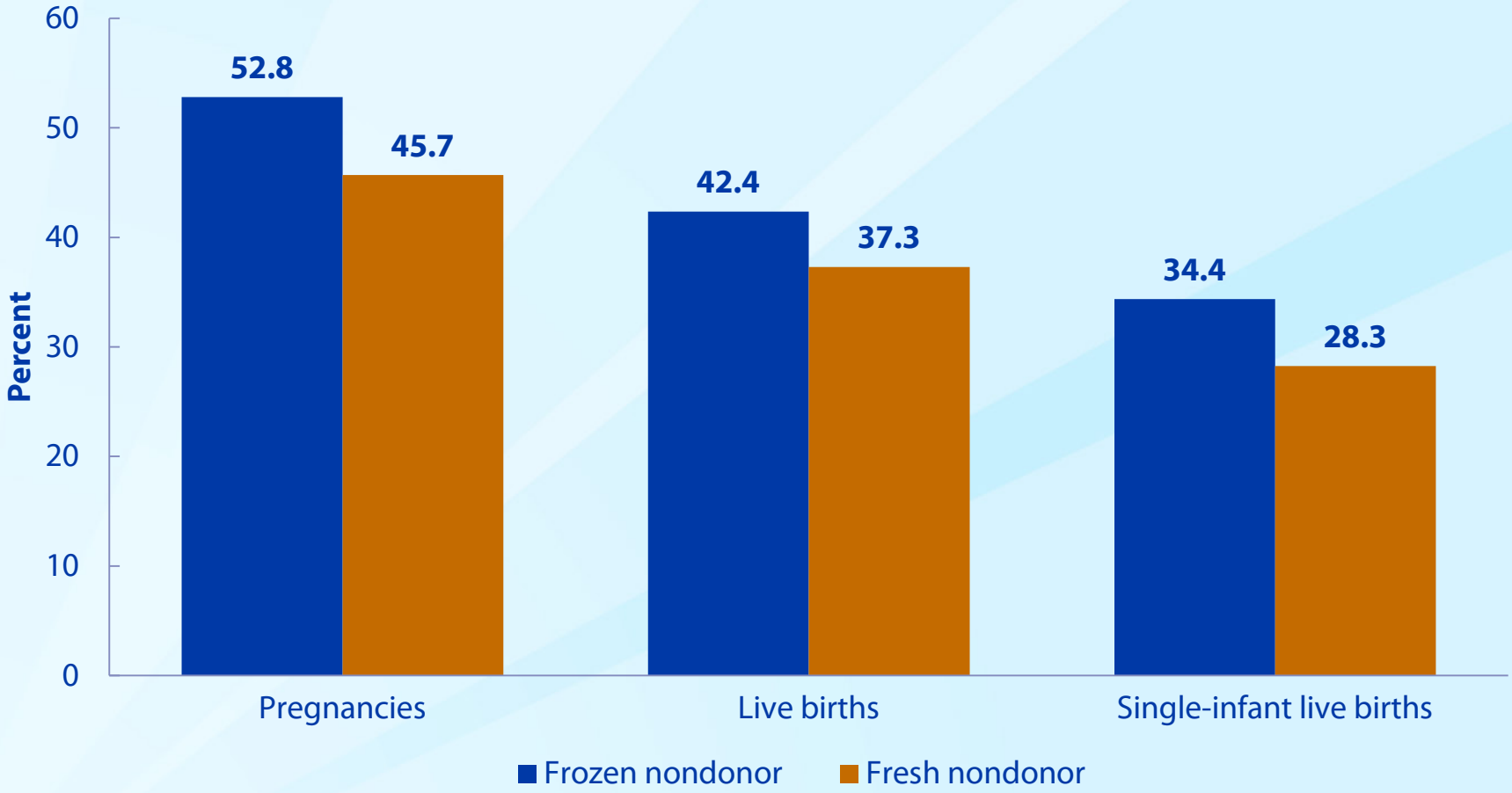
Percentages of Transfers Using Frozen or Fresh Nondonor Embryos That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, 2014



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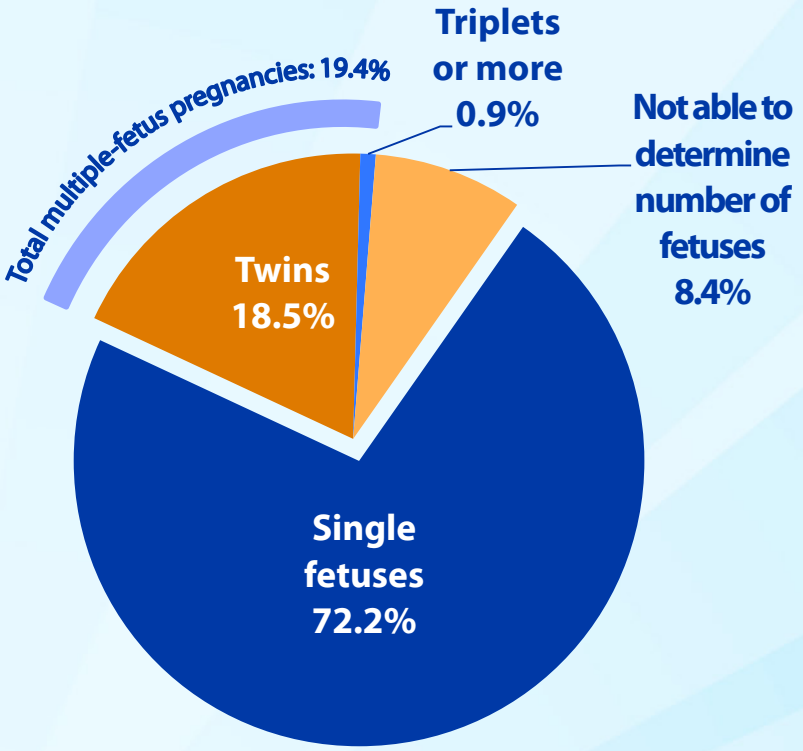
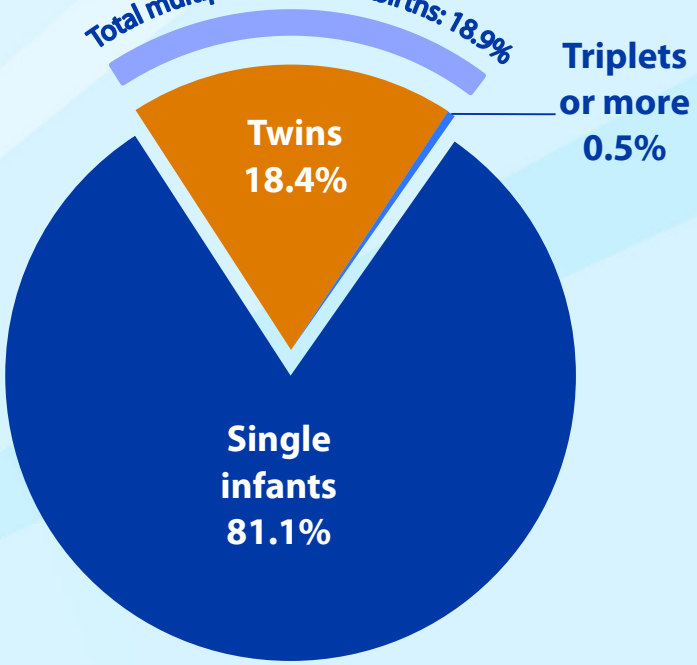
Distribution of Multiple-Fetus Pregnancies and Multiple-Infant Live Births Among ART Cycles Using Frozen Nondonor Embryos, 2014

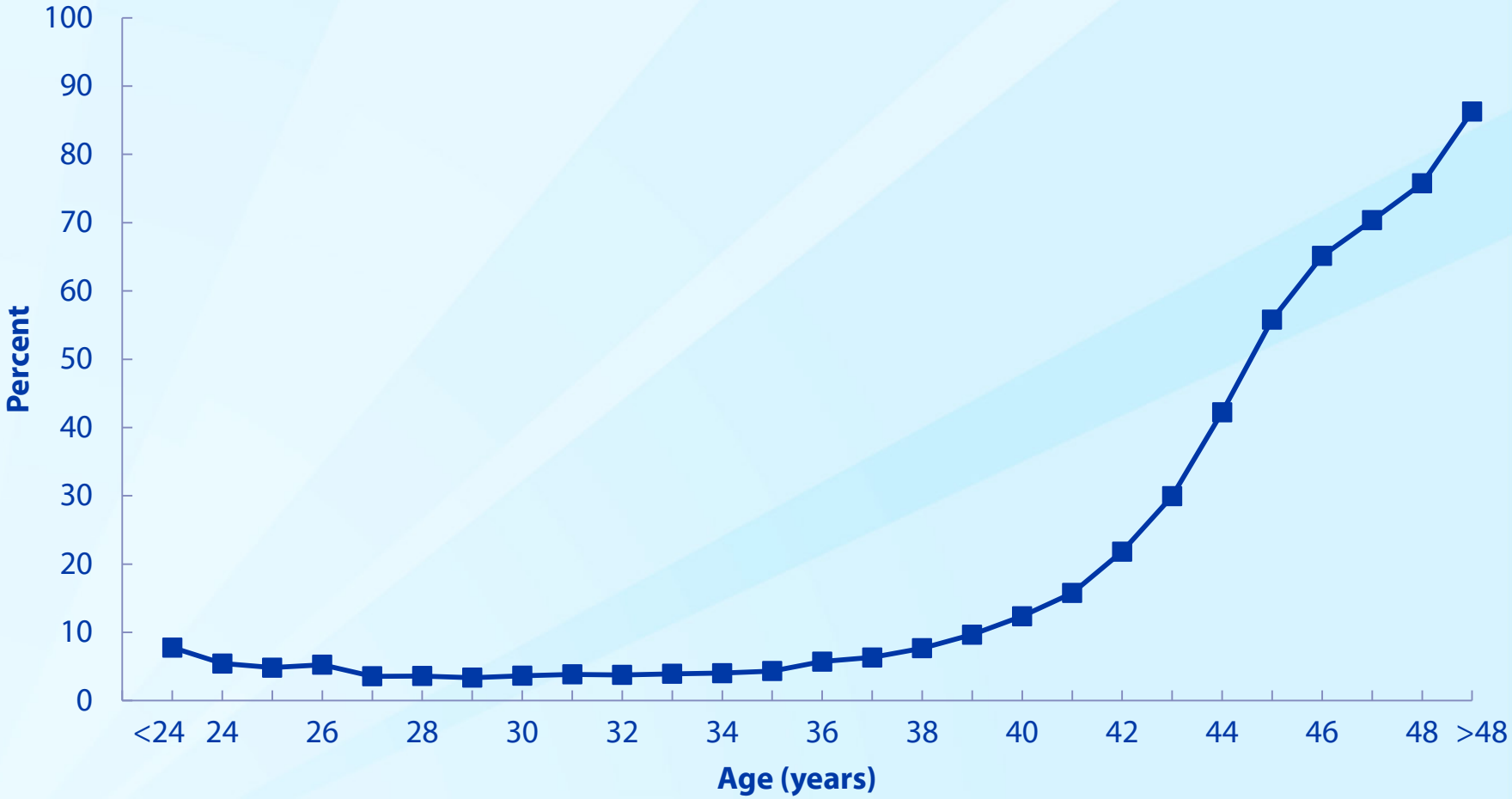


A. 27,757 pregnancies



B. 22,267 live births

Percentages of ART Cycles Using Donor Eggs, by Age of Woman, 2014



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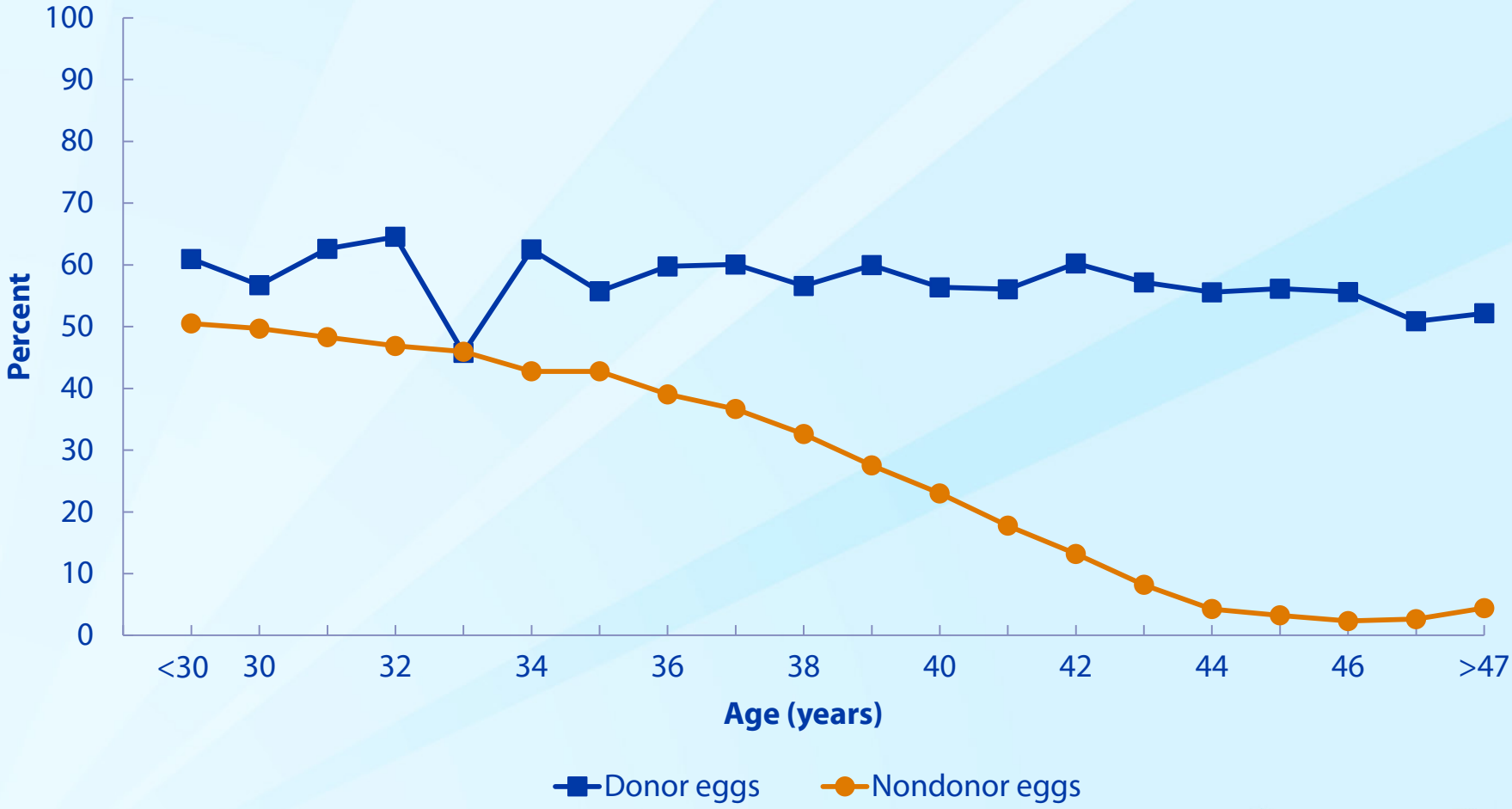
Percentages of Transfers Using Fresh Embryos from Donor or Nondonor Eggs That Resulted in Live Births, by Age of Woman, 2014



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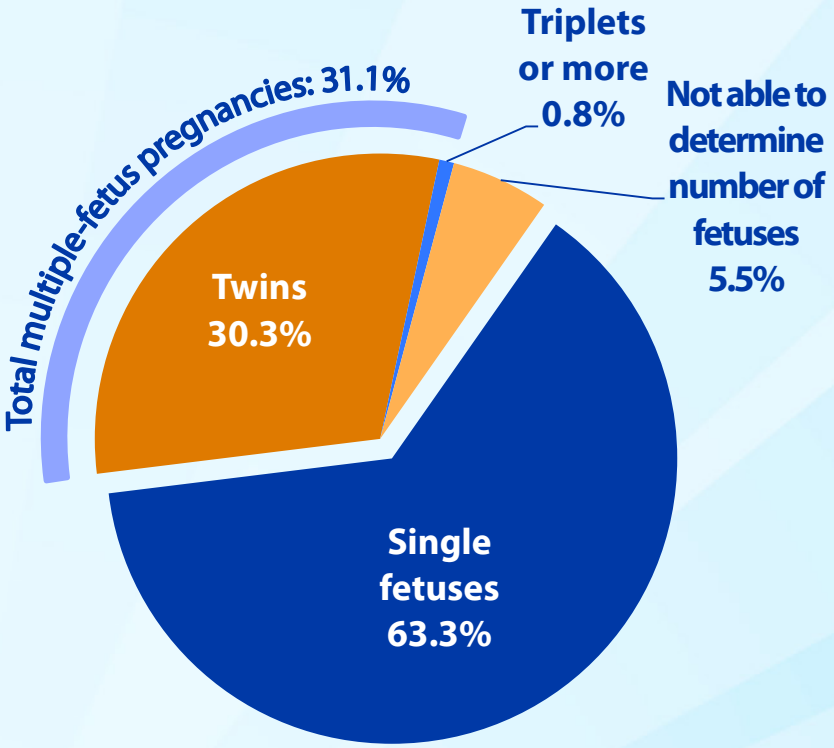
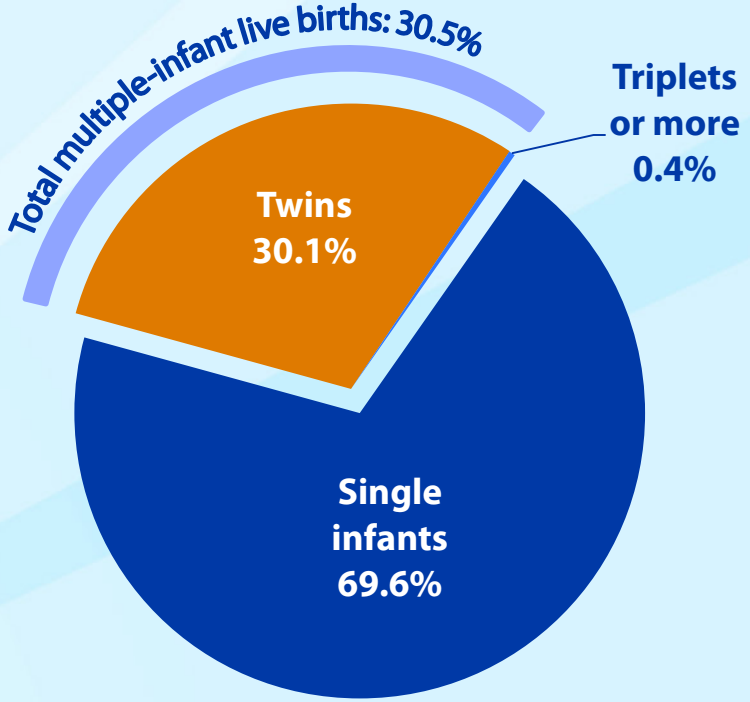
Distribution of Multiple-Fetus Pregnancies and Multiple-Infant Live Births Among ART Cycles Using Fresh Embryos from Donor Eggs, 2014



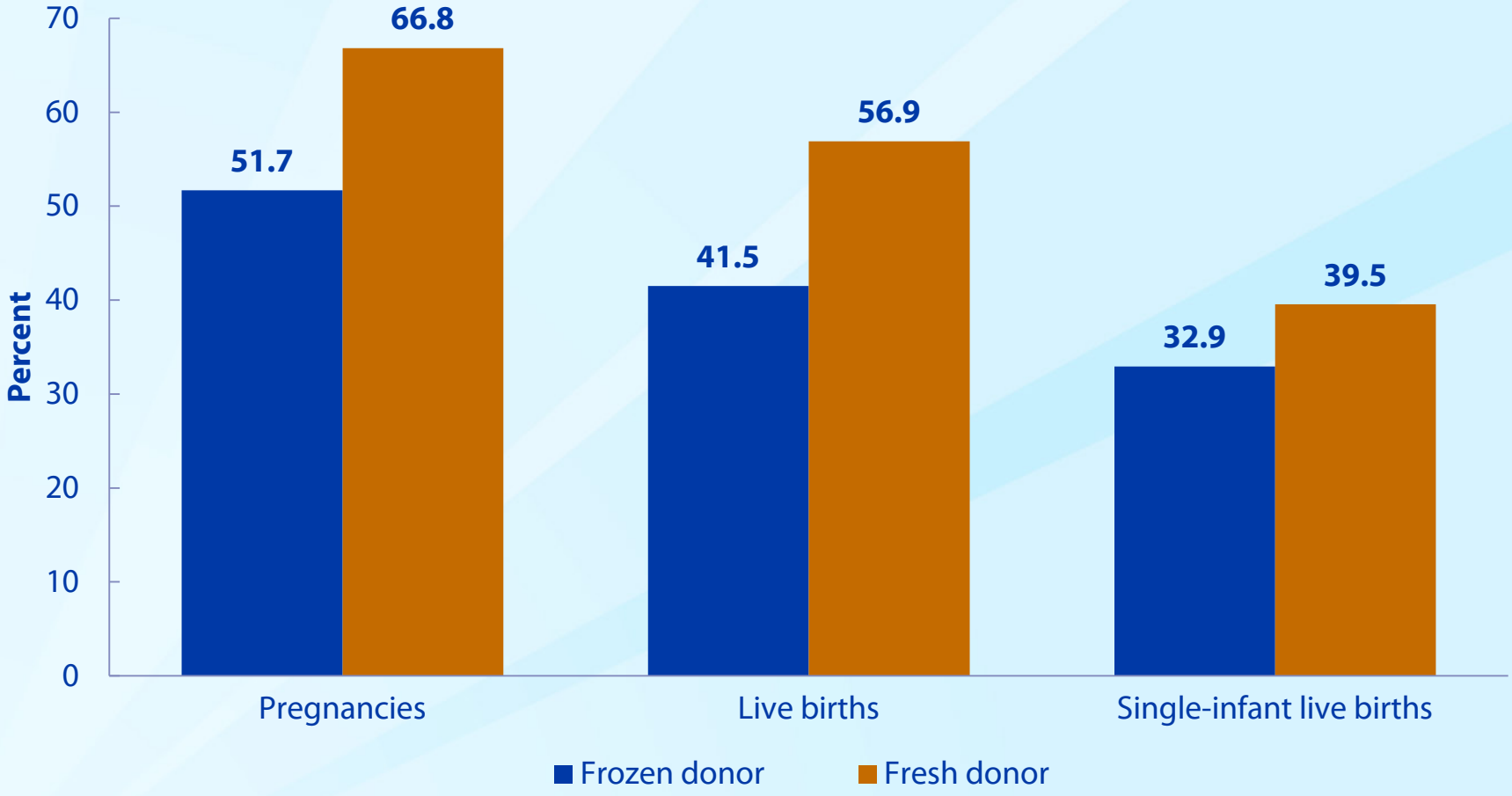
A. 4,849 pregnancies*



B. 4,125 live births*

* Totals do not equal 100% due to rounding.

Percentages of Transfers Using Frozen or Fresh Donor Embryos That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, 2014



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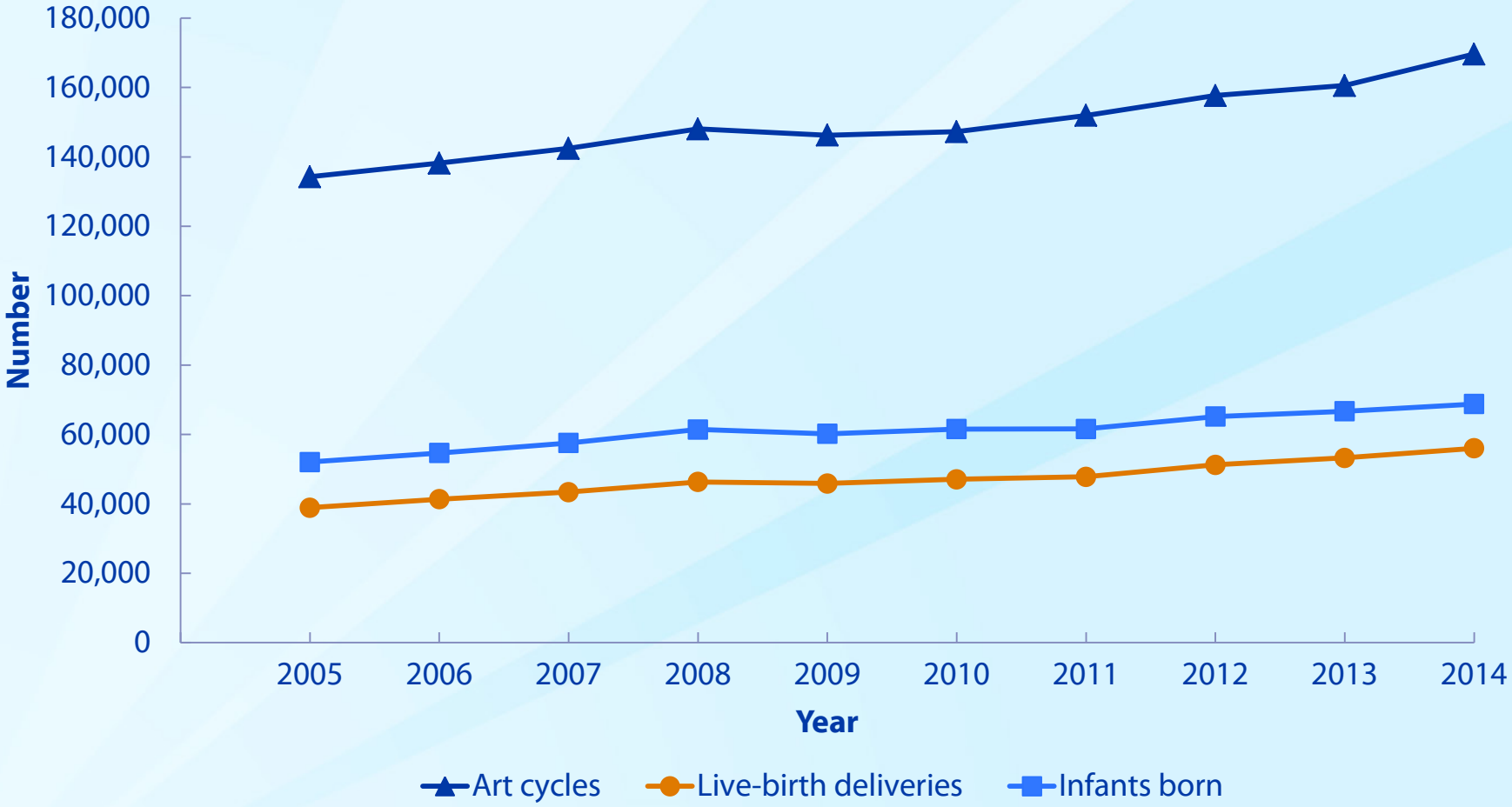
Numbers of ART Cycles Performed, Live-Birth Deliveries, and Infants Born Using ART, 2005–2014



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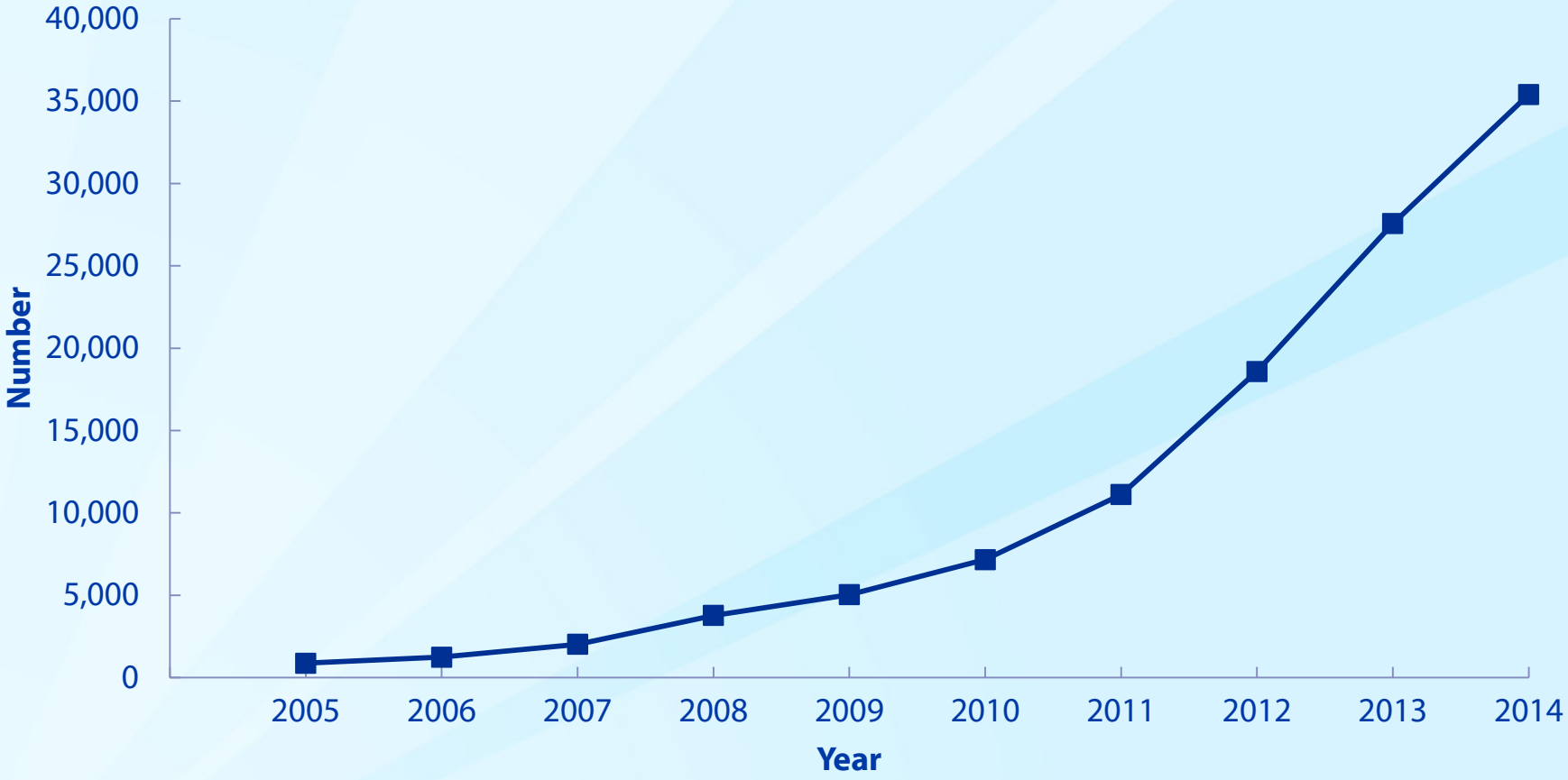
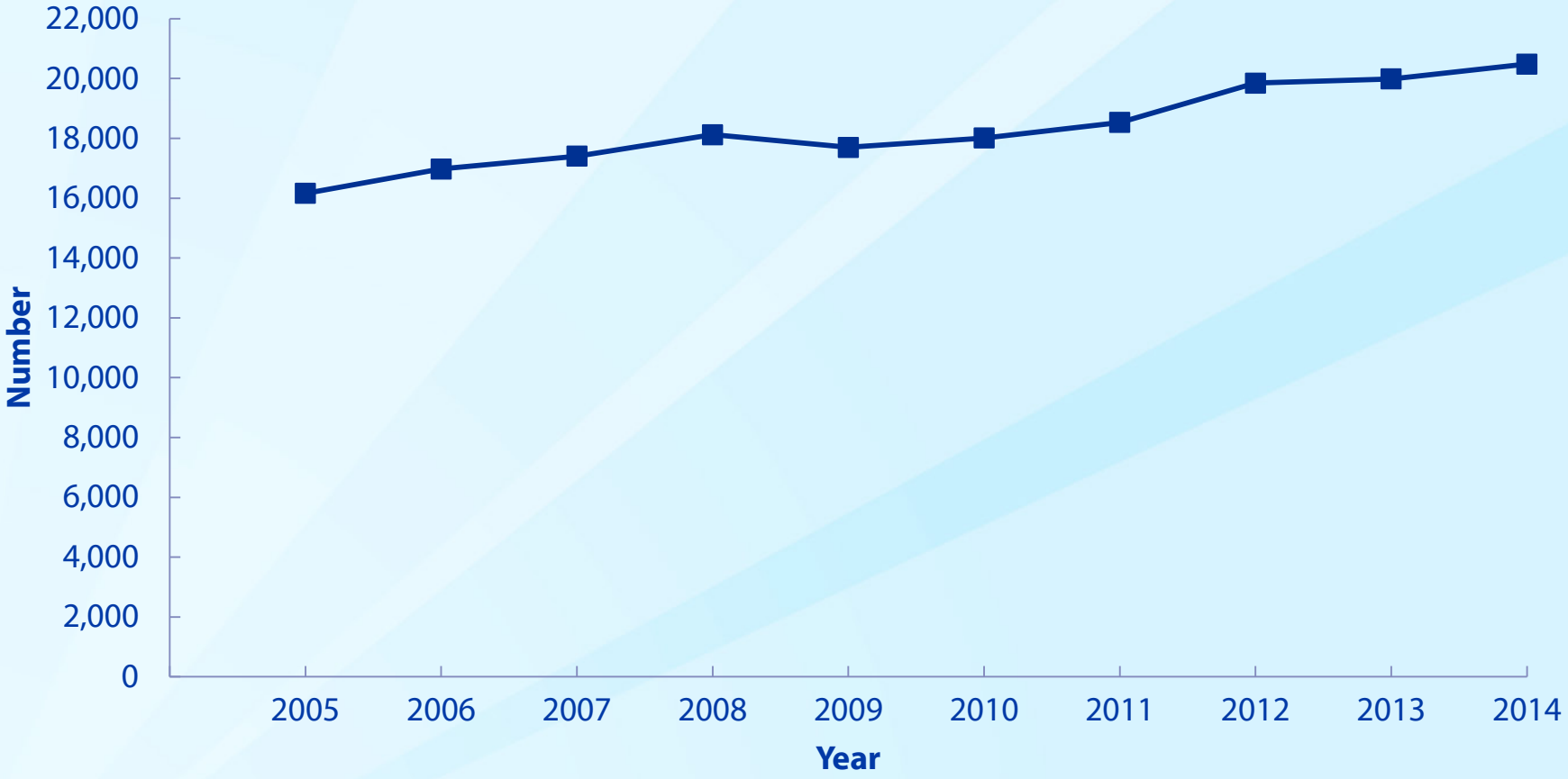
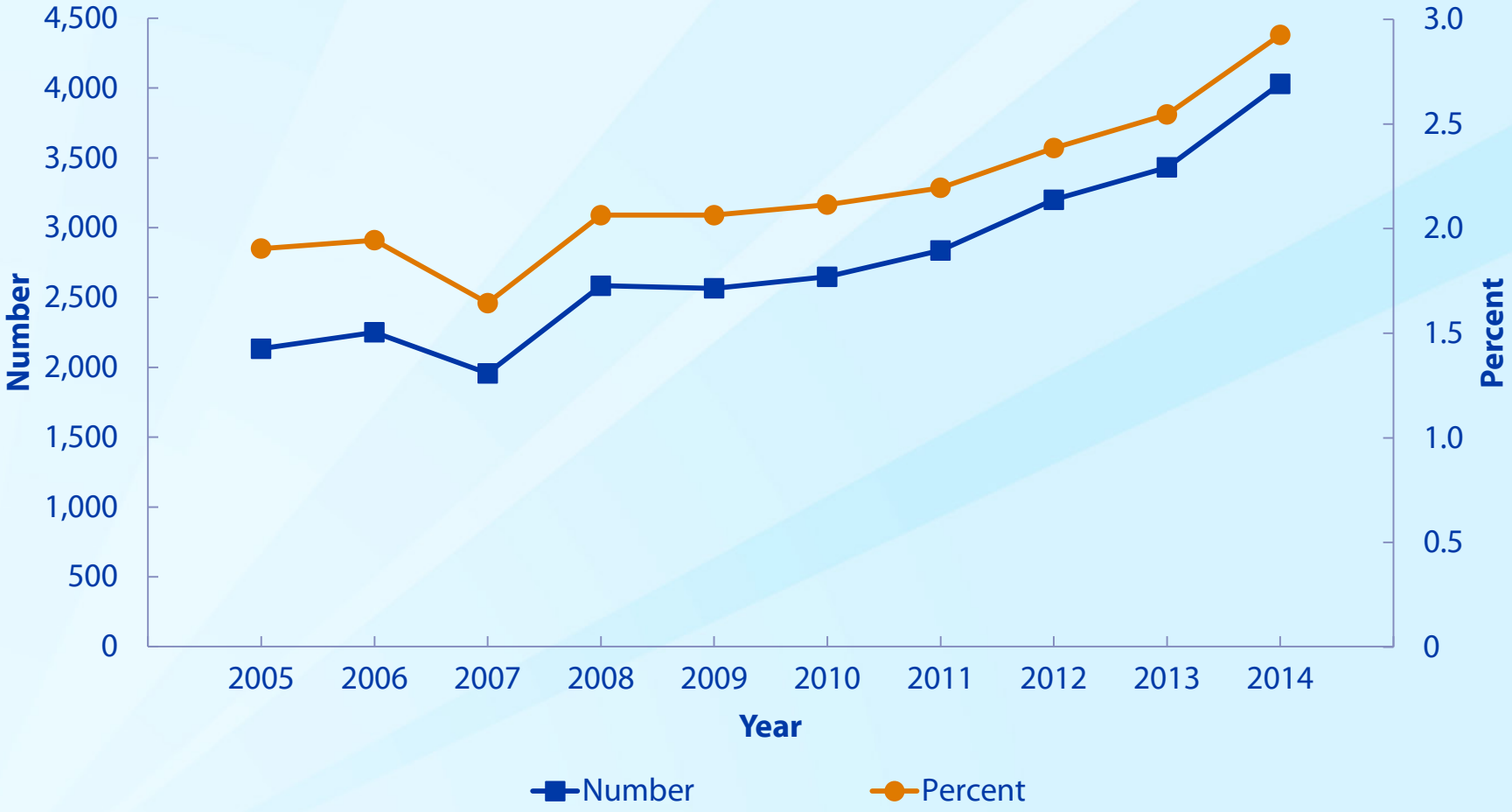
Numbers of ART Cycles Performed for Banking All Fresh Nondonor Eggs or Embryos, 2005–2014



Numbers of ART Cycles Using Donor Eggs or Embryo, 2005–2014



Numbers and Percentages of Transfers Using Gestational Carriers, 2005–2014



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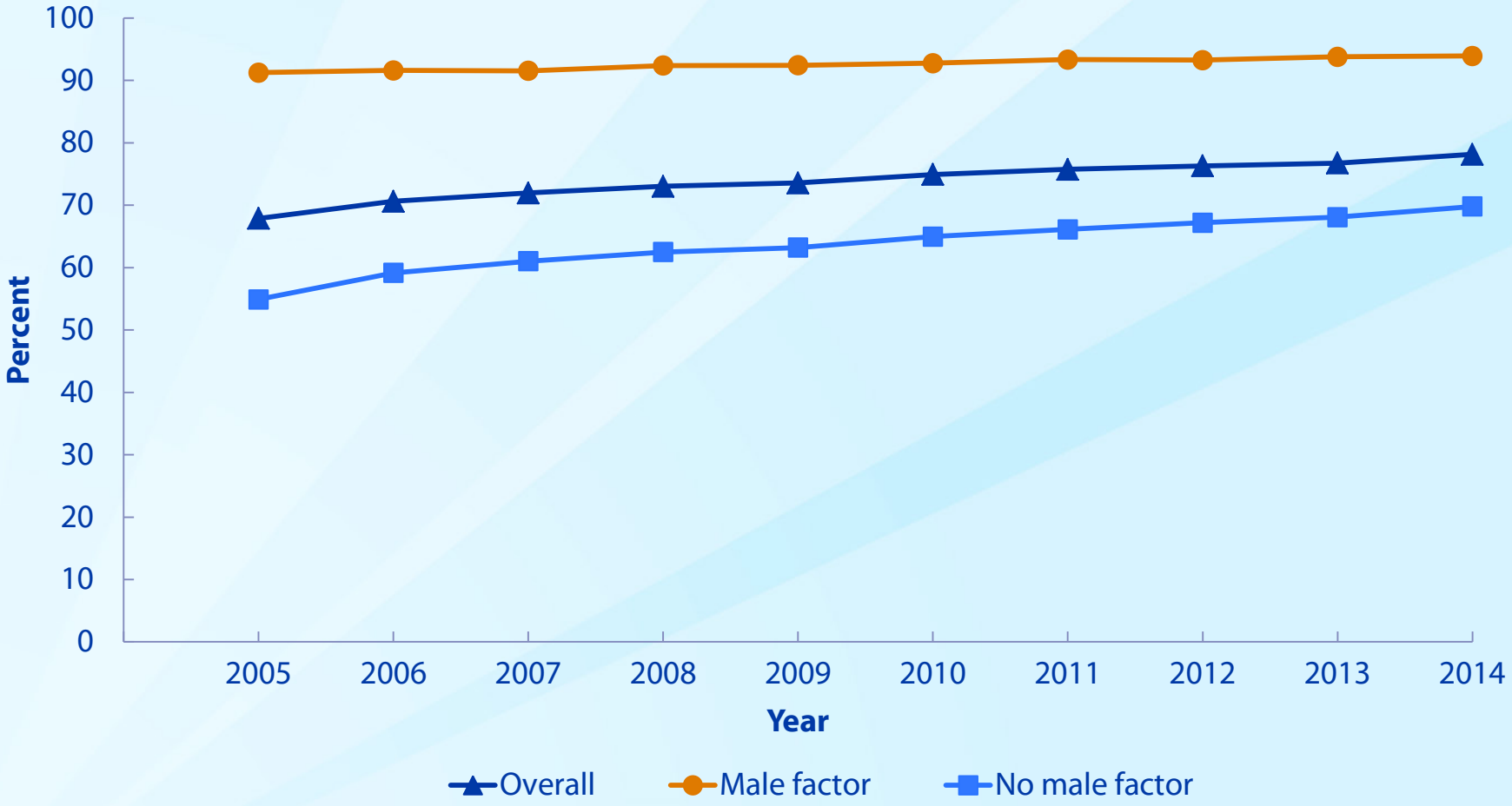
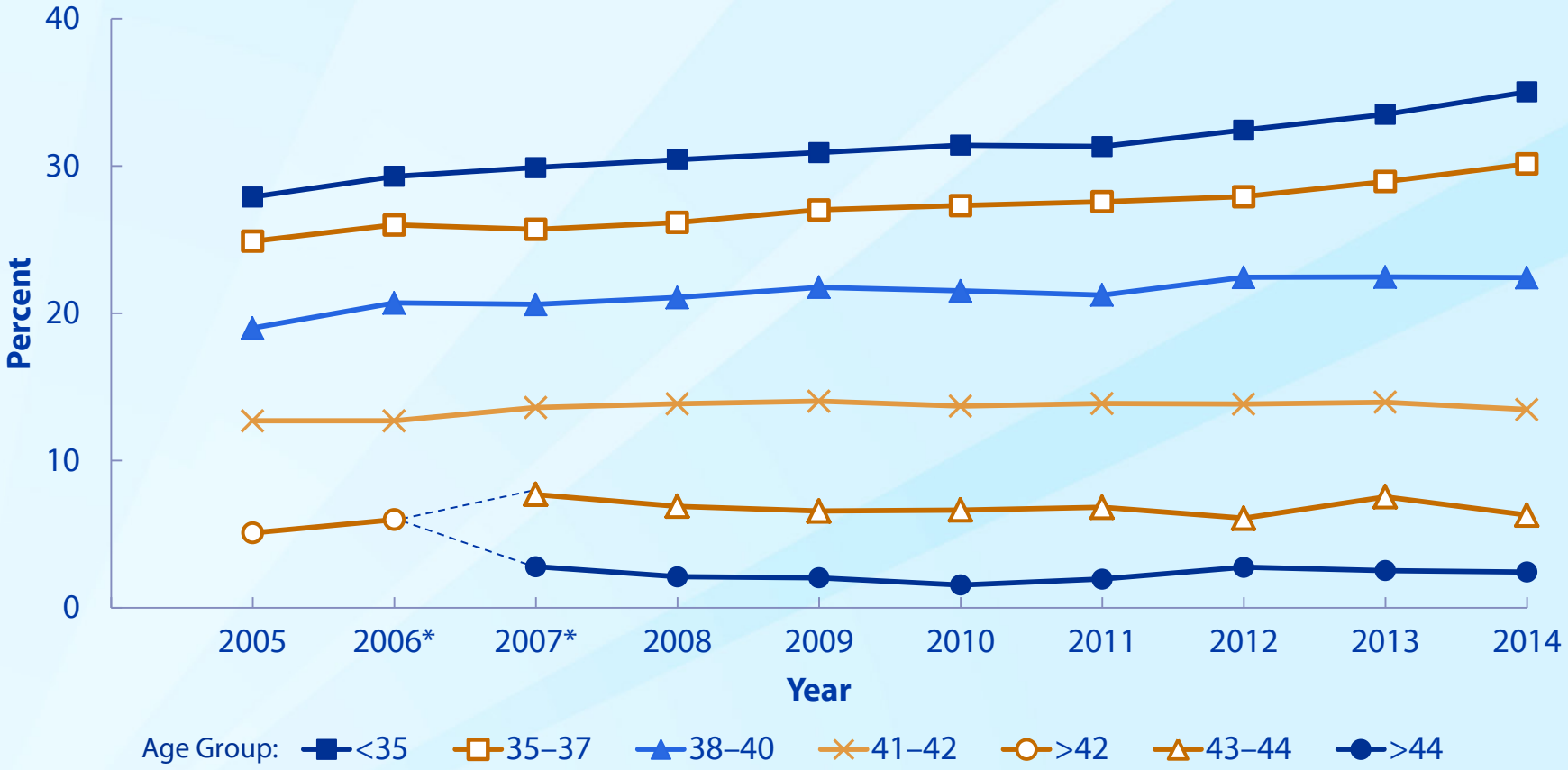
Percentages of Retrievals Using Fresh Nondonor or Donor Eggs or Embryos That Used ICSI, 2005–2014



Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Single-Infant Live Births, by Age Group, 2005–2014



* Through 2006, data for women older than age 42 were combined. Starting in 2007, data for women older than age 42 were reported as women aged 43–44 and women older than age 44.

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Percentages of Fresh Nondonor Transfers of One, Two, Three, or Four or More Embryos, 2005–2014

* Totals do not equal 100% due to rounding.

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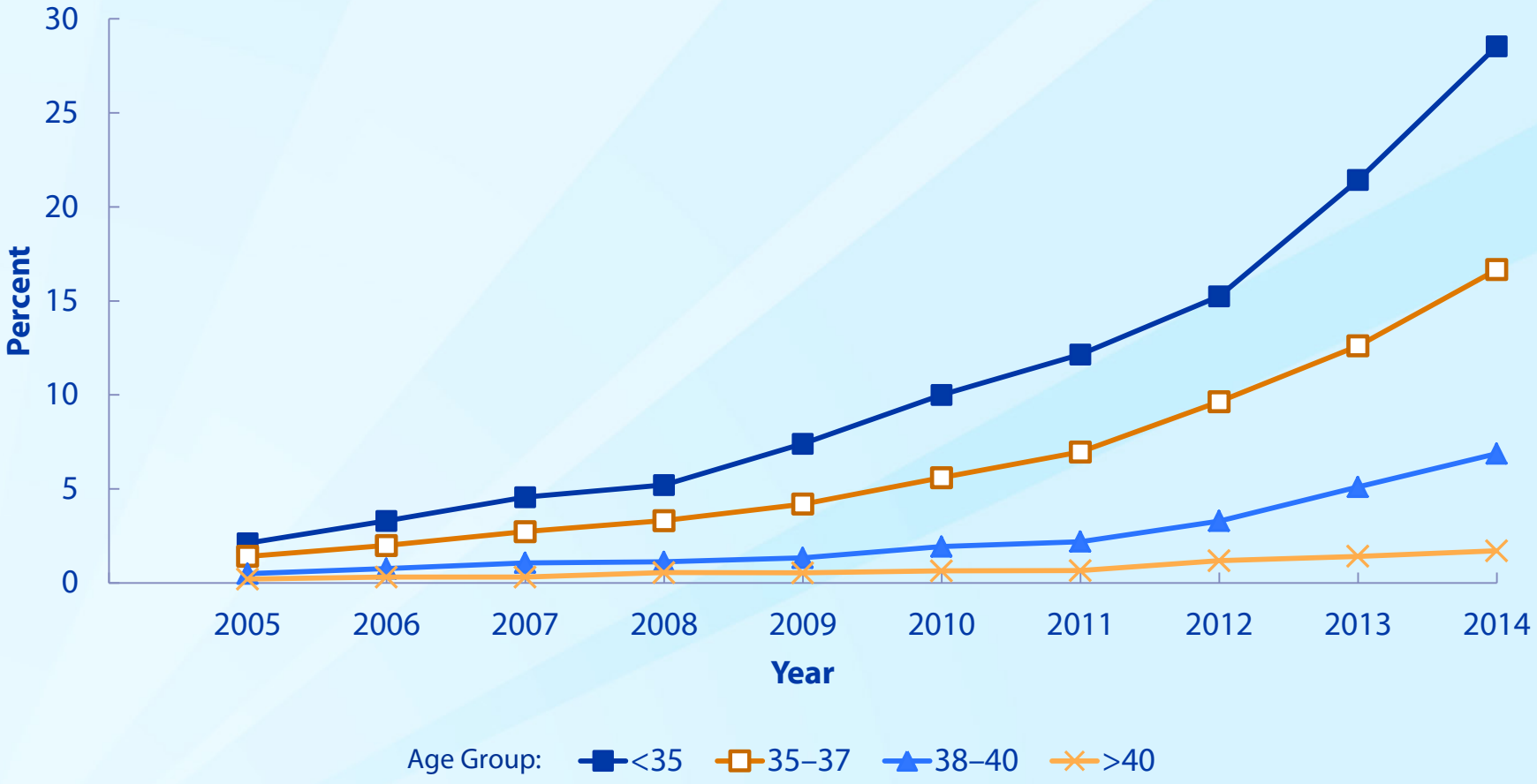
Percentages of Elective Single Embryo Transfer (eSET) Among All Transfers Using Fresh Nondonor Eggs or Embryos, by Age Group,* 2005–2014



* All ages older than 40 years are reported together due to the small number of transfers performed with eSET.

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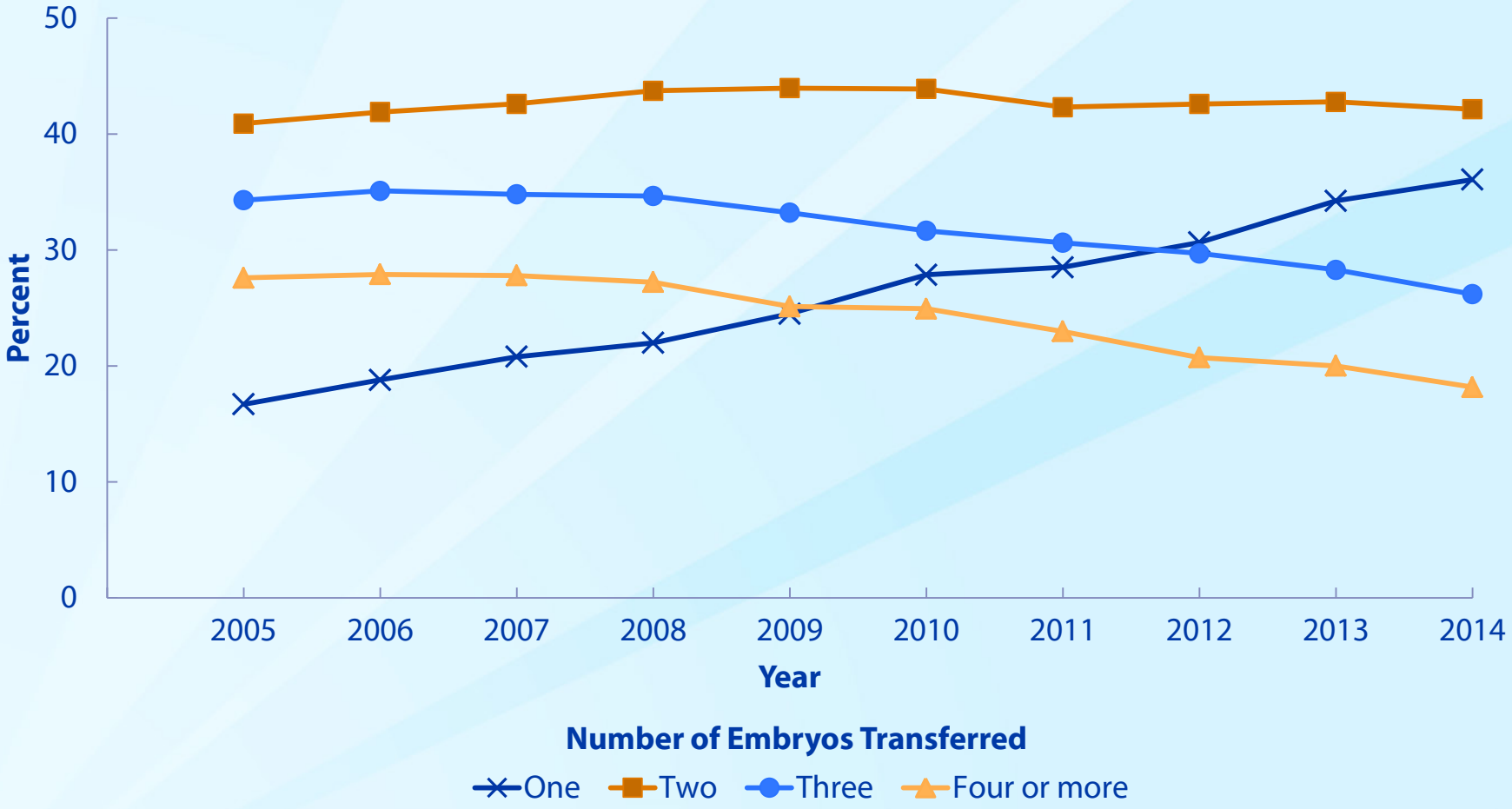
Percentages of Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, by Number of Embryos Transferred, 2005–2014



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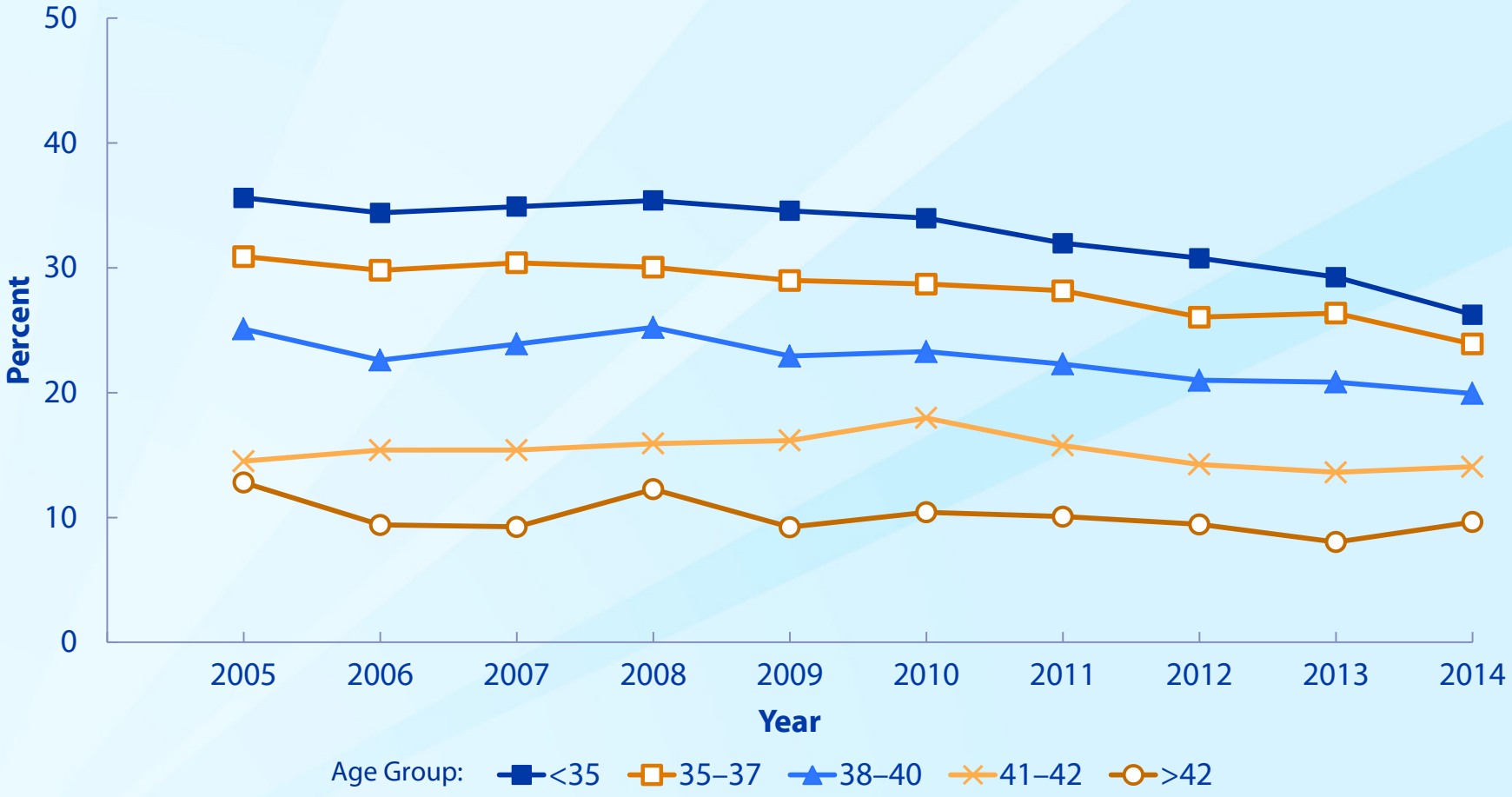
Percentages of Live Births Using Fresh Nondonor Eggs or Embryos That Resulted in Multiple Infants Born, by Age Group, 2005–2014



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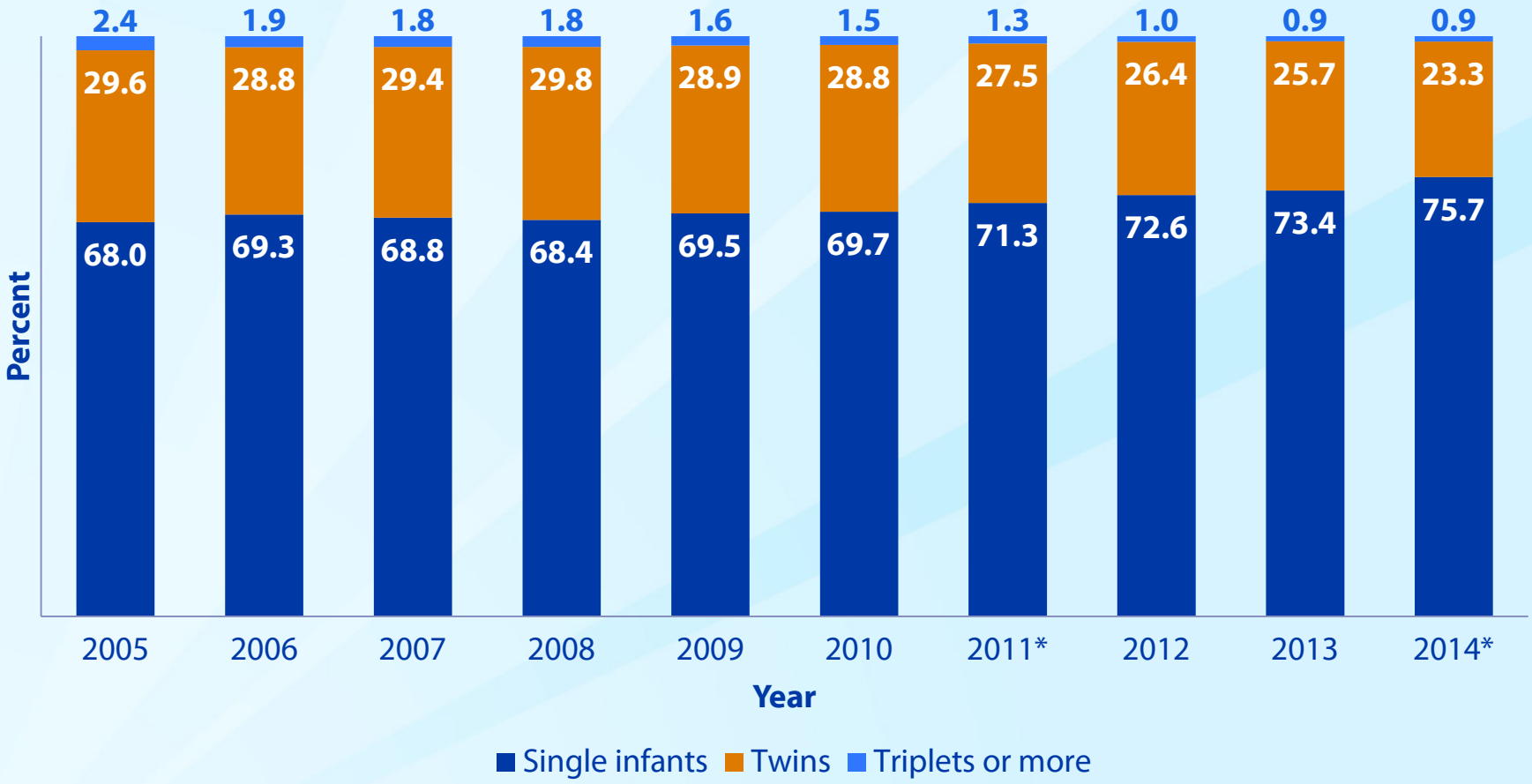
Percentages of Single Infants, Twins, and Triplets or More Among ART Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Live Births, 2005–2014



* Totals do not equal 100% due to rounding.

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