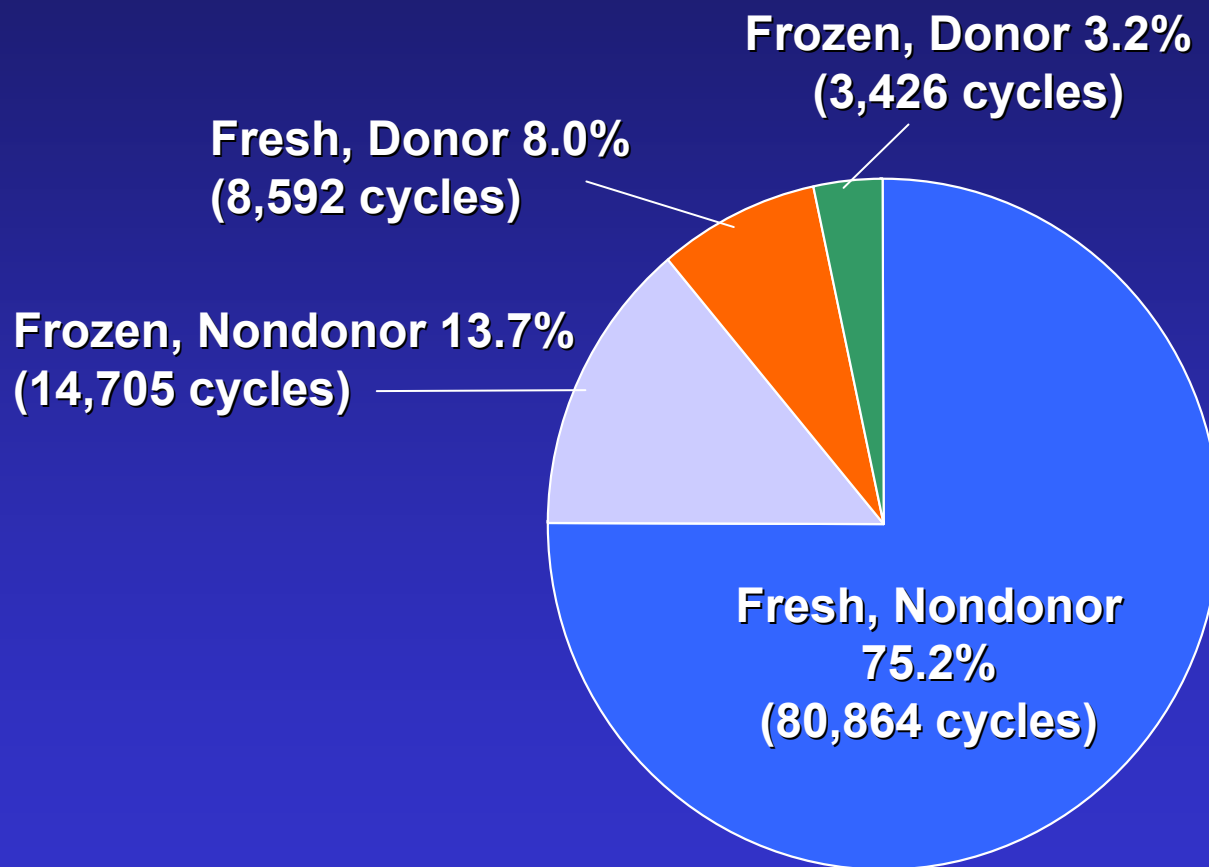


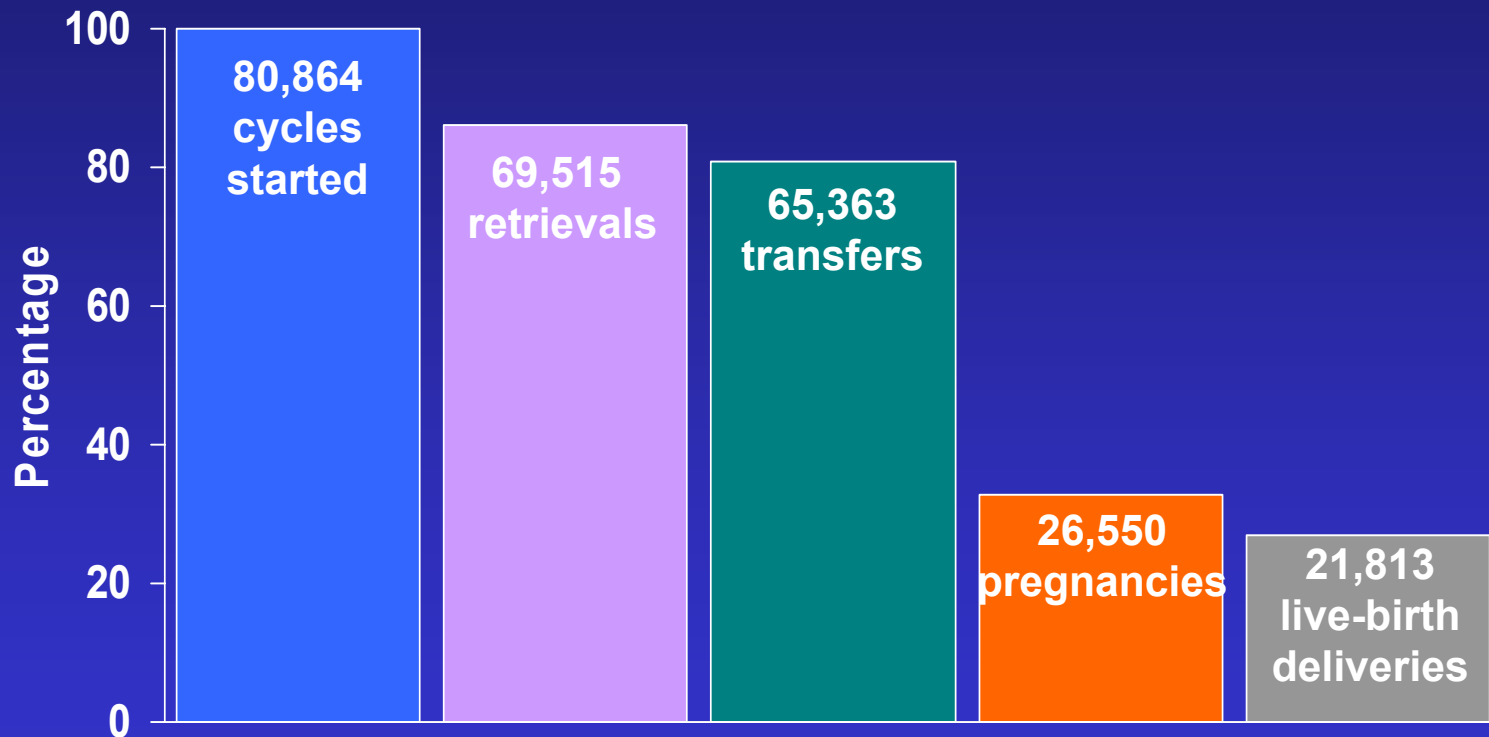
# 2001 ART DATA—OVERVIEW

- 421 ART clinics in the U.S. in 2001
- 384 ART clinics submitted data
- 107,587 cycles reported
- 29,344 live-birth deliveries
- 40,687 live babies born

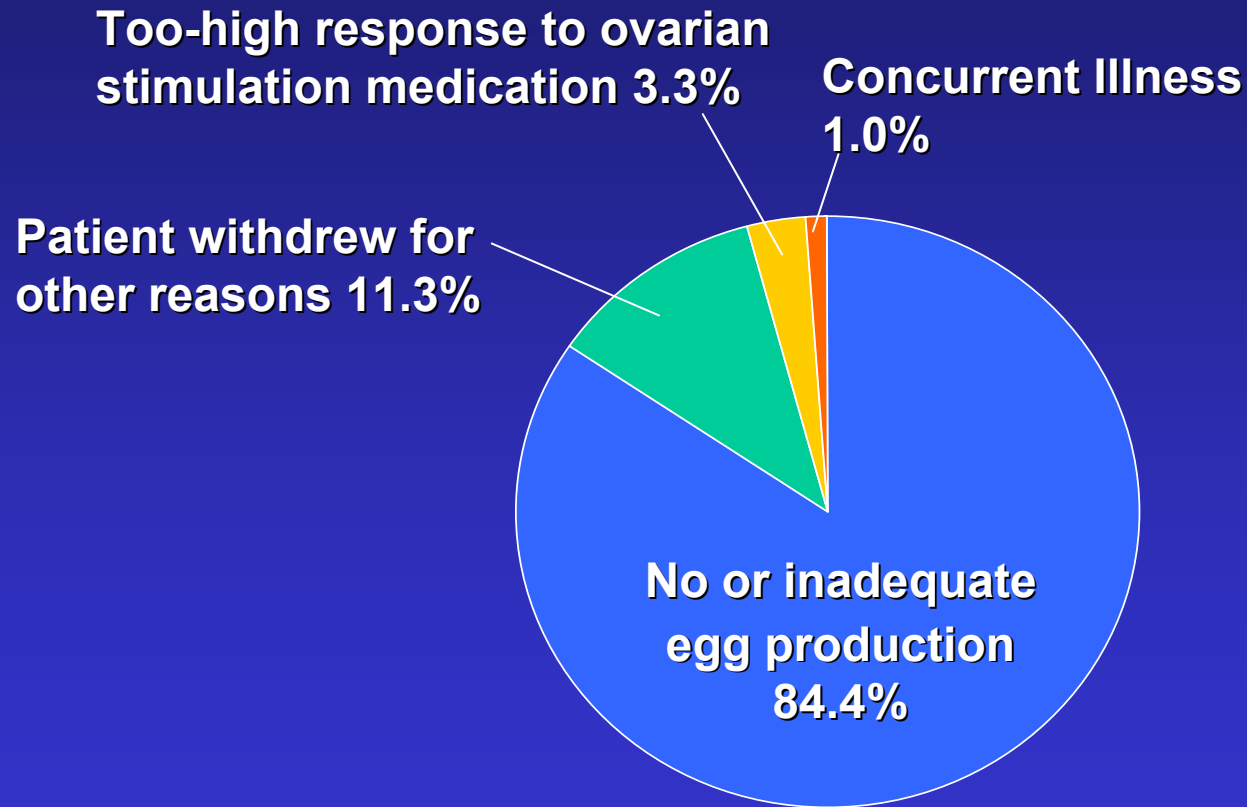
# Types of ART Procedures—United States,\* 2001



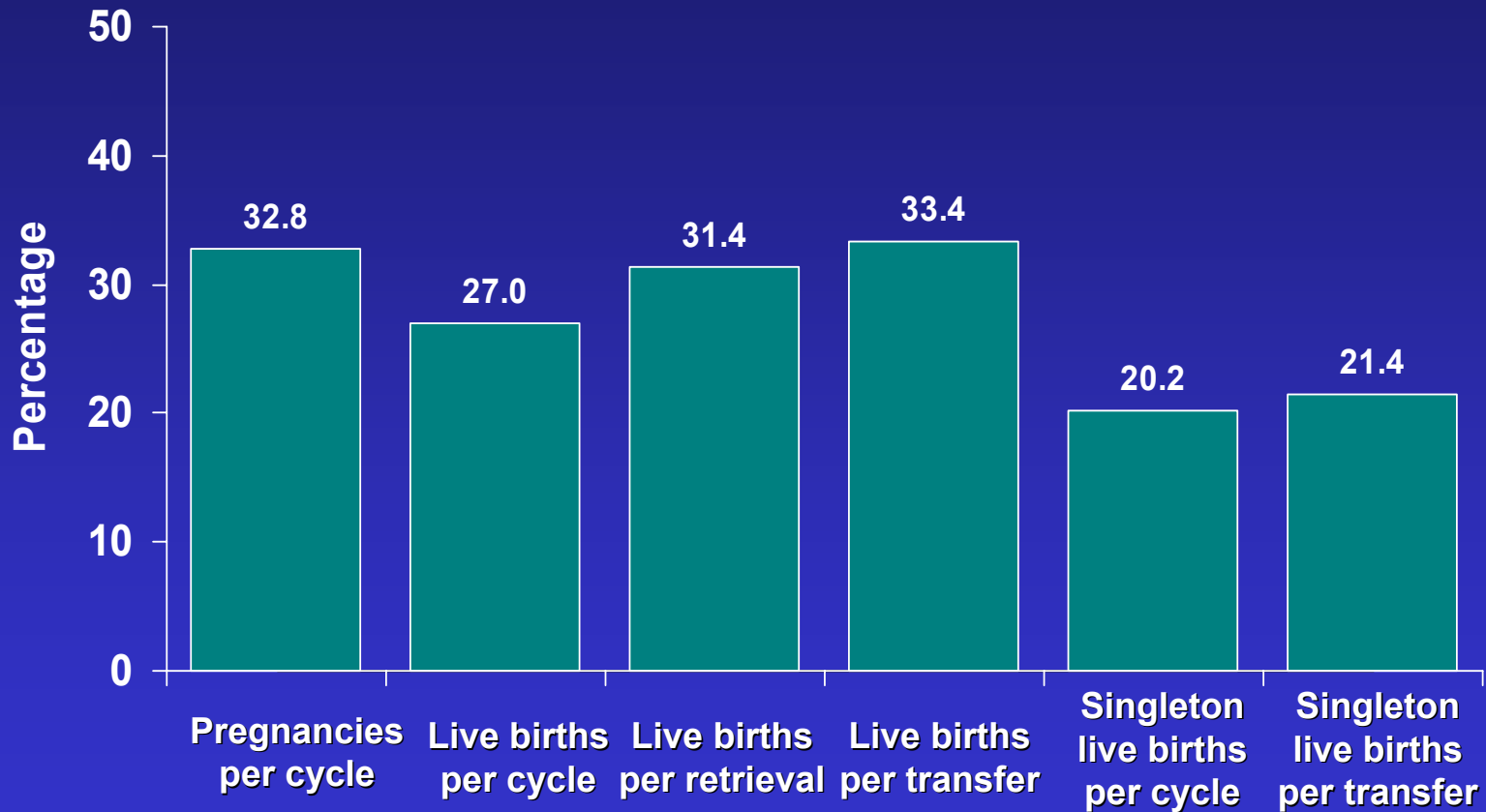
# Outcome of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Stage, 2001



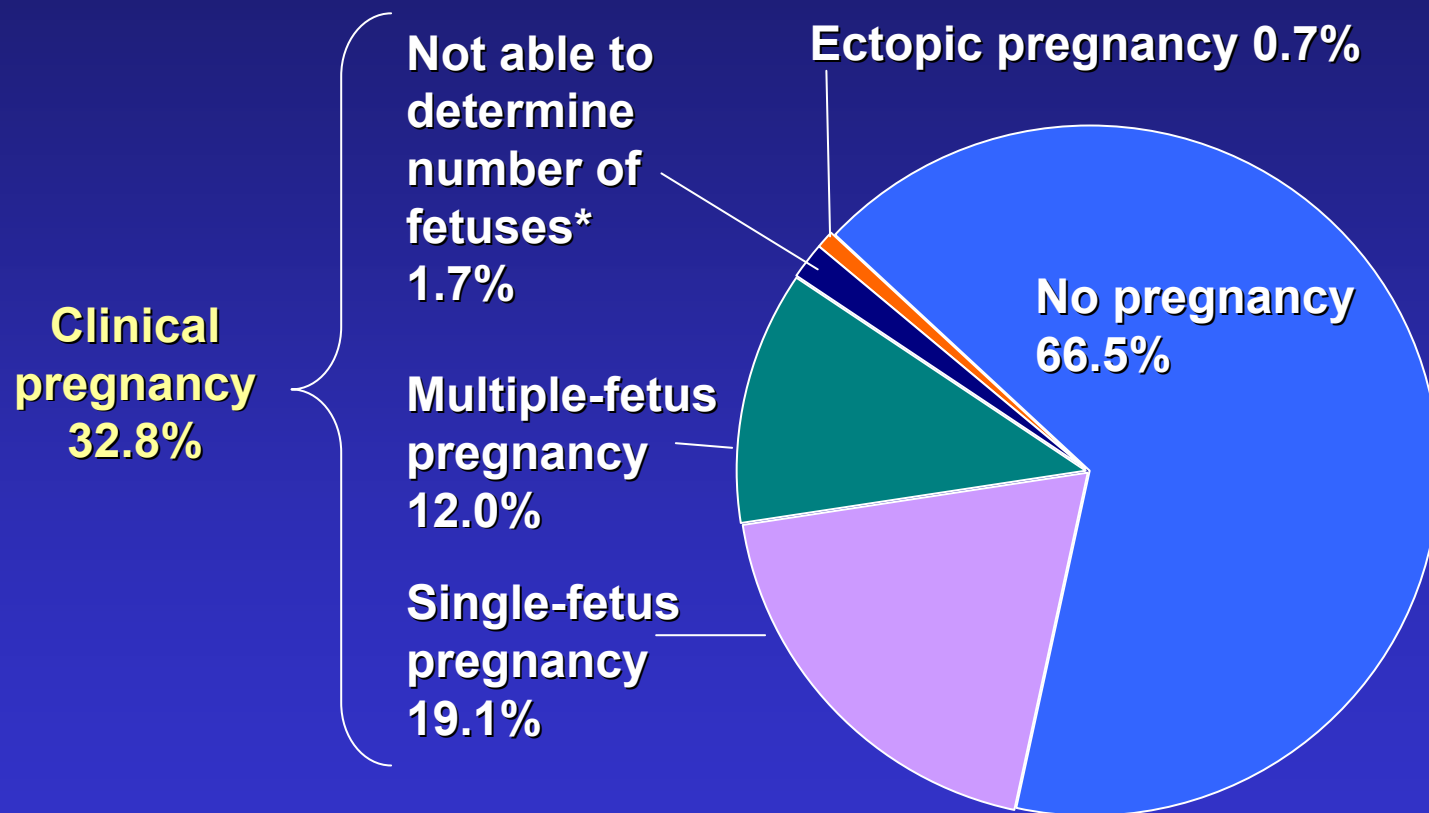
# Reasons ART Cycles Using Fresh Nondonor Eggs or Embryos Were Discontinued in 2001



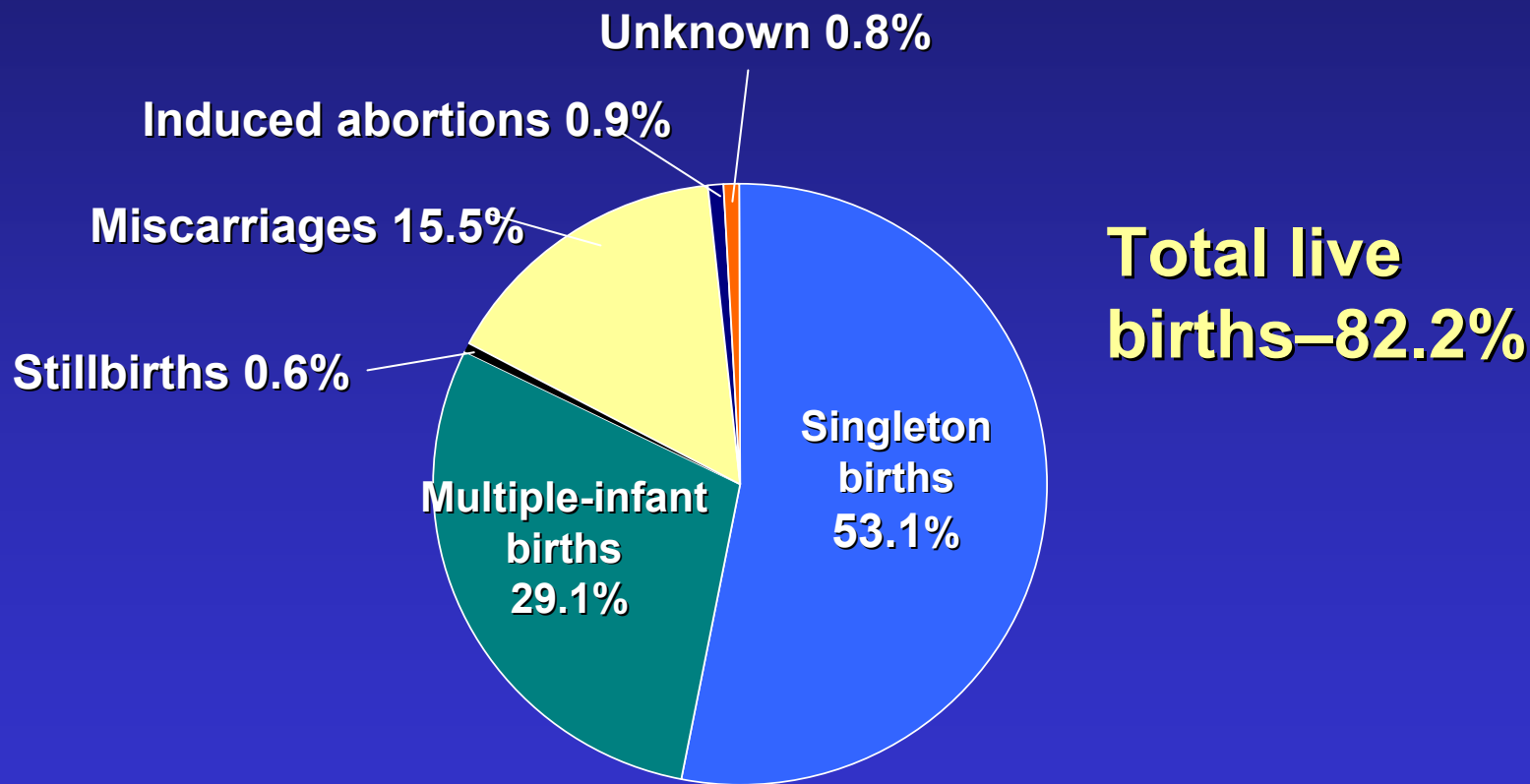
# Success Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Different Measures, 2001



# Results of ART Cycles Using Fresh Nondonor Eggs or Embryos, 2001



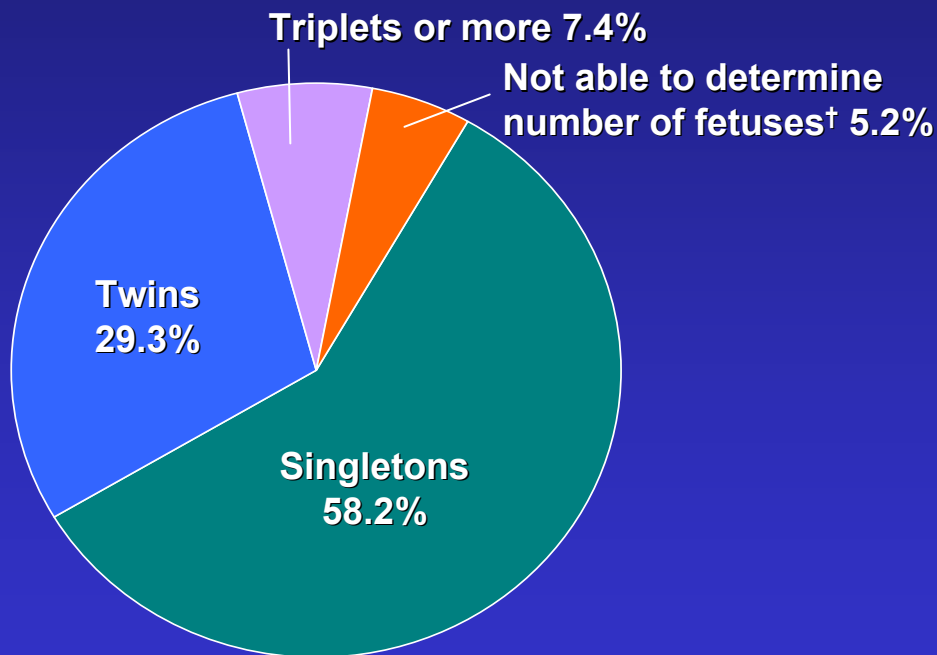
# Outcomes of Pregnancies Resulting from ART Cycles Using Fresh Nondonor Eggs or Embryos, 2001



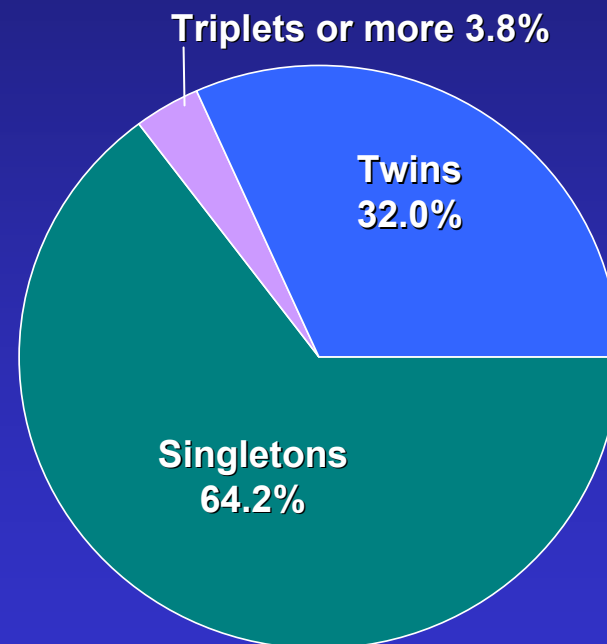
# Risk of Having Multiple-Fetus Pregnancy\* and Multiple-Infant Live Birth from ART Cycles Using Fresh Nondonor Eggs or Embryos, 2001

Total multiple-fetus pregnancies: 36.7%

Total multiple-infant live births: 35.8%



A. 26,550 Pregnancies



B. 21,813 Live births

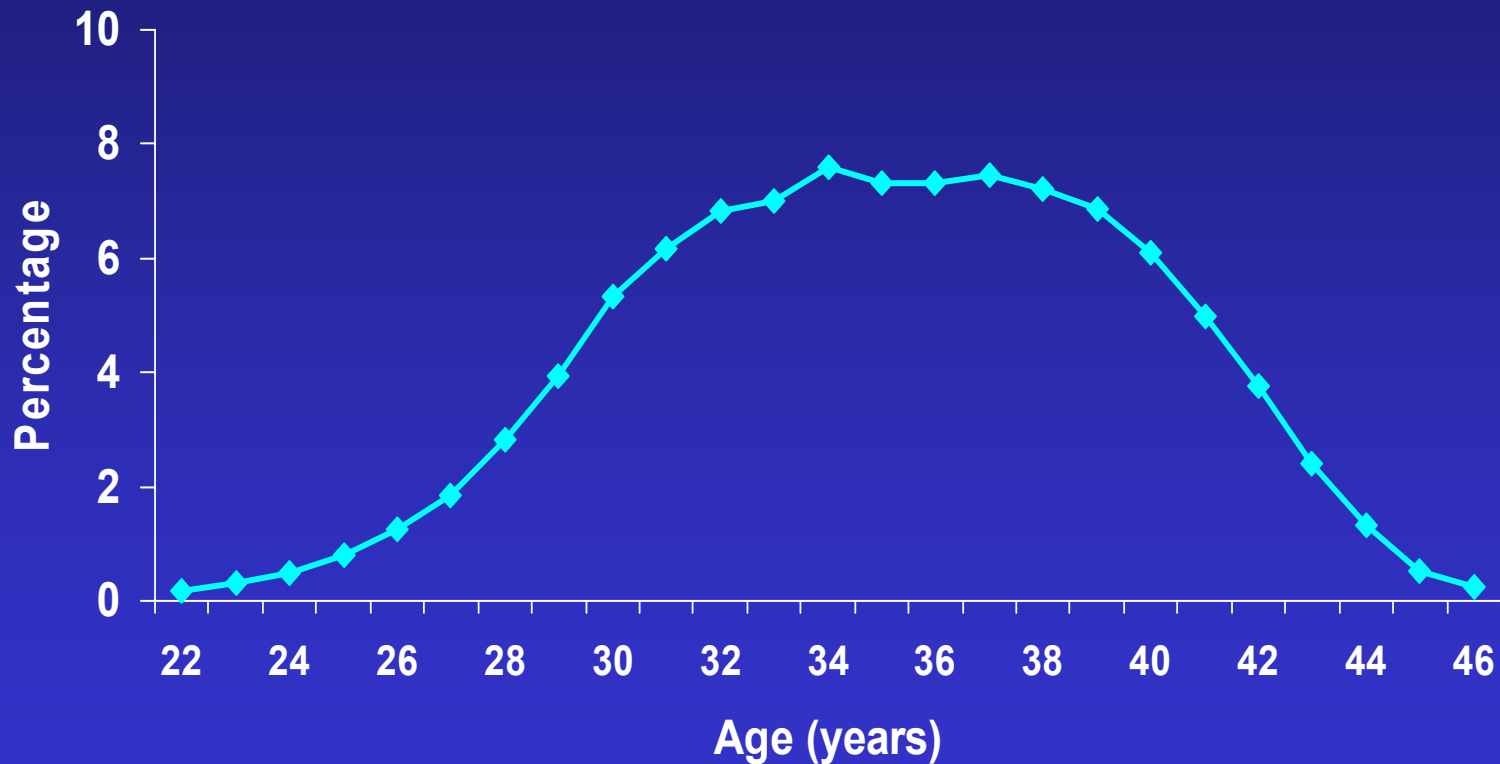


\* Total does not equal 100% due to rounding.

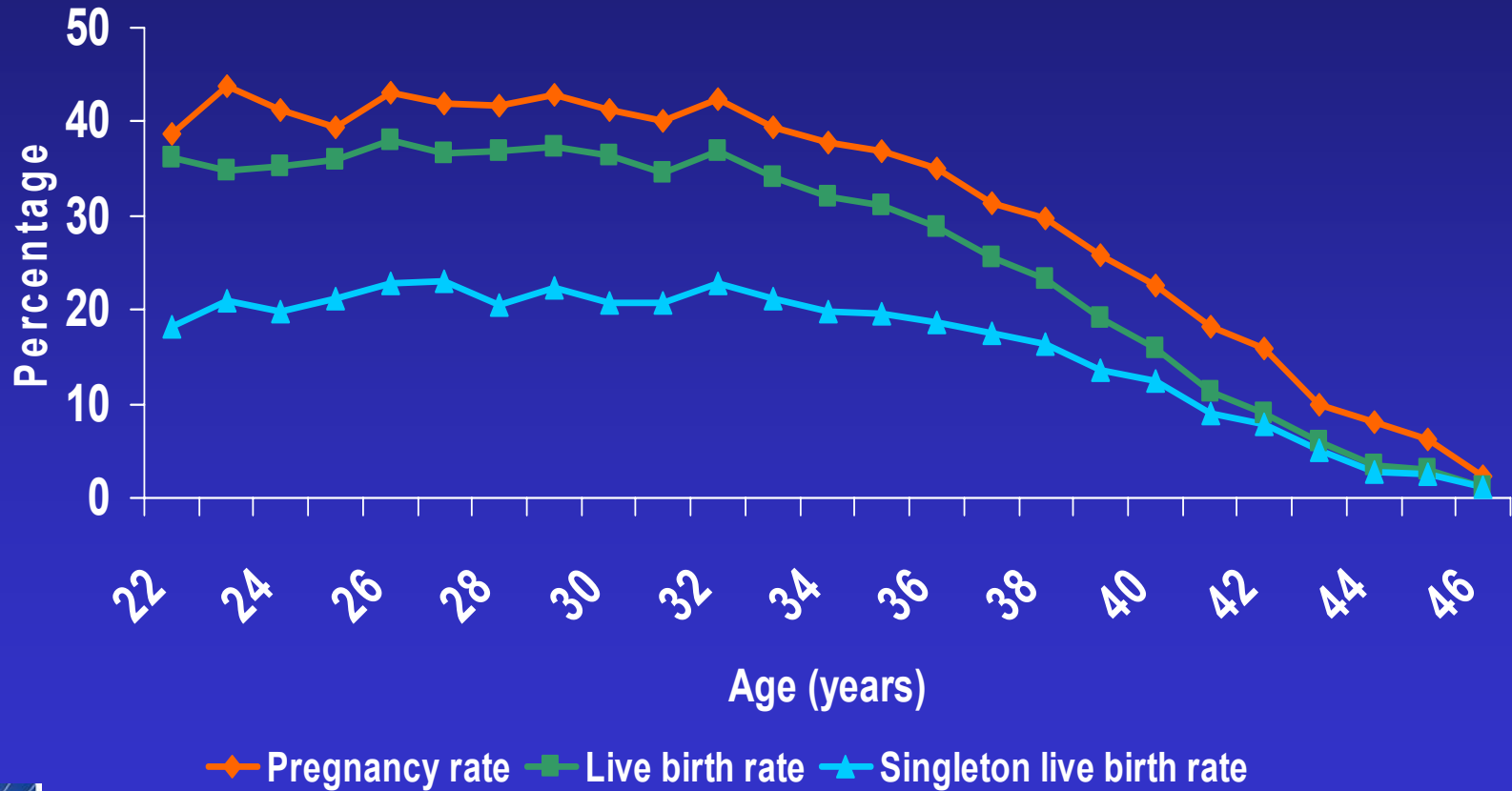
†Number of fetuses not known because the pregnancy ended in an early miscarriage.



# Age Distribution of Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, 2001

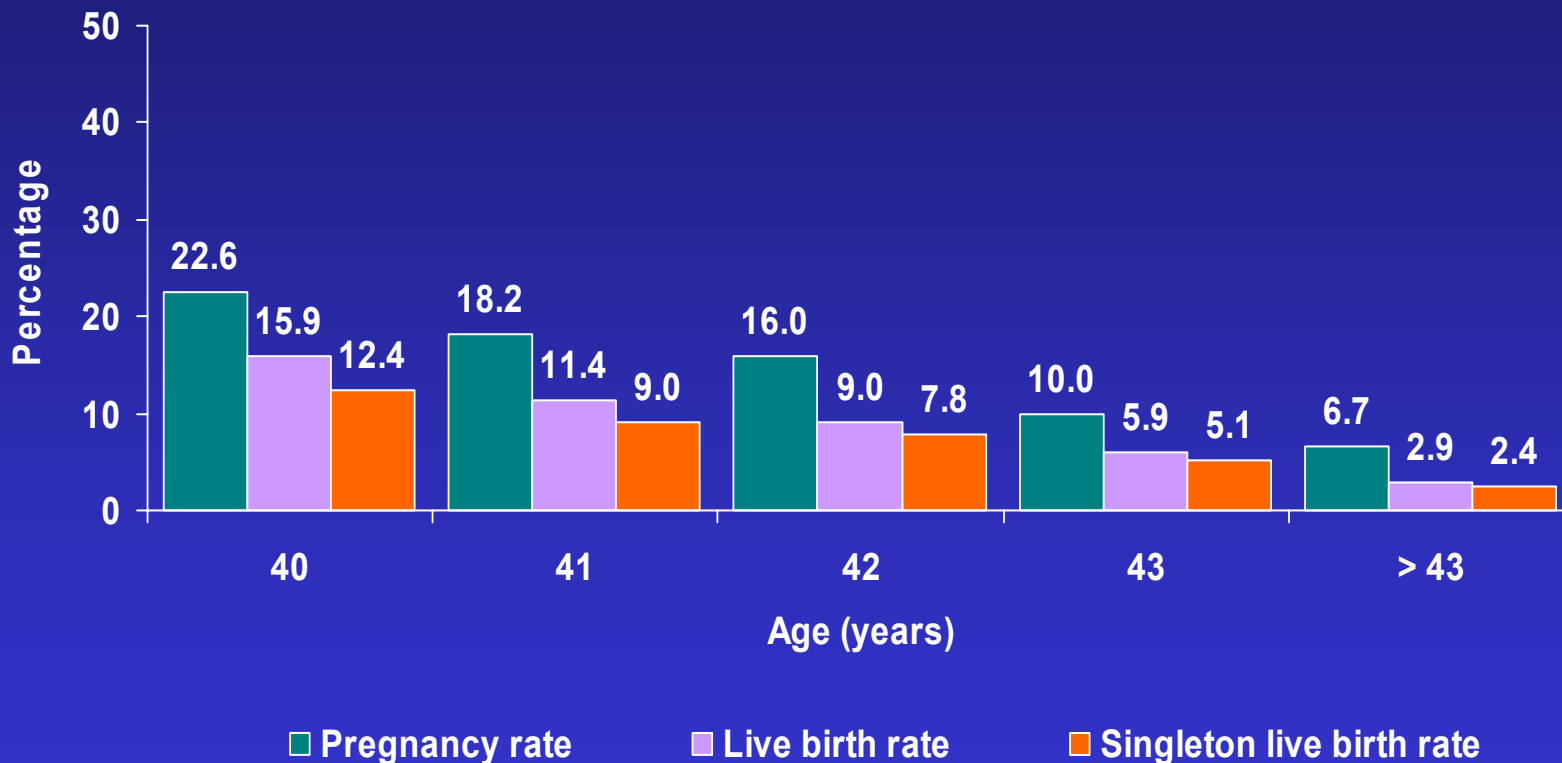


# Pregnancy Rates, Live Birth Rates, and Singleton Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Age of Woman,\* 2001



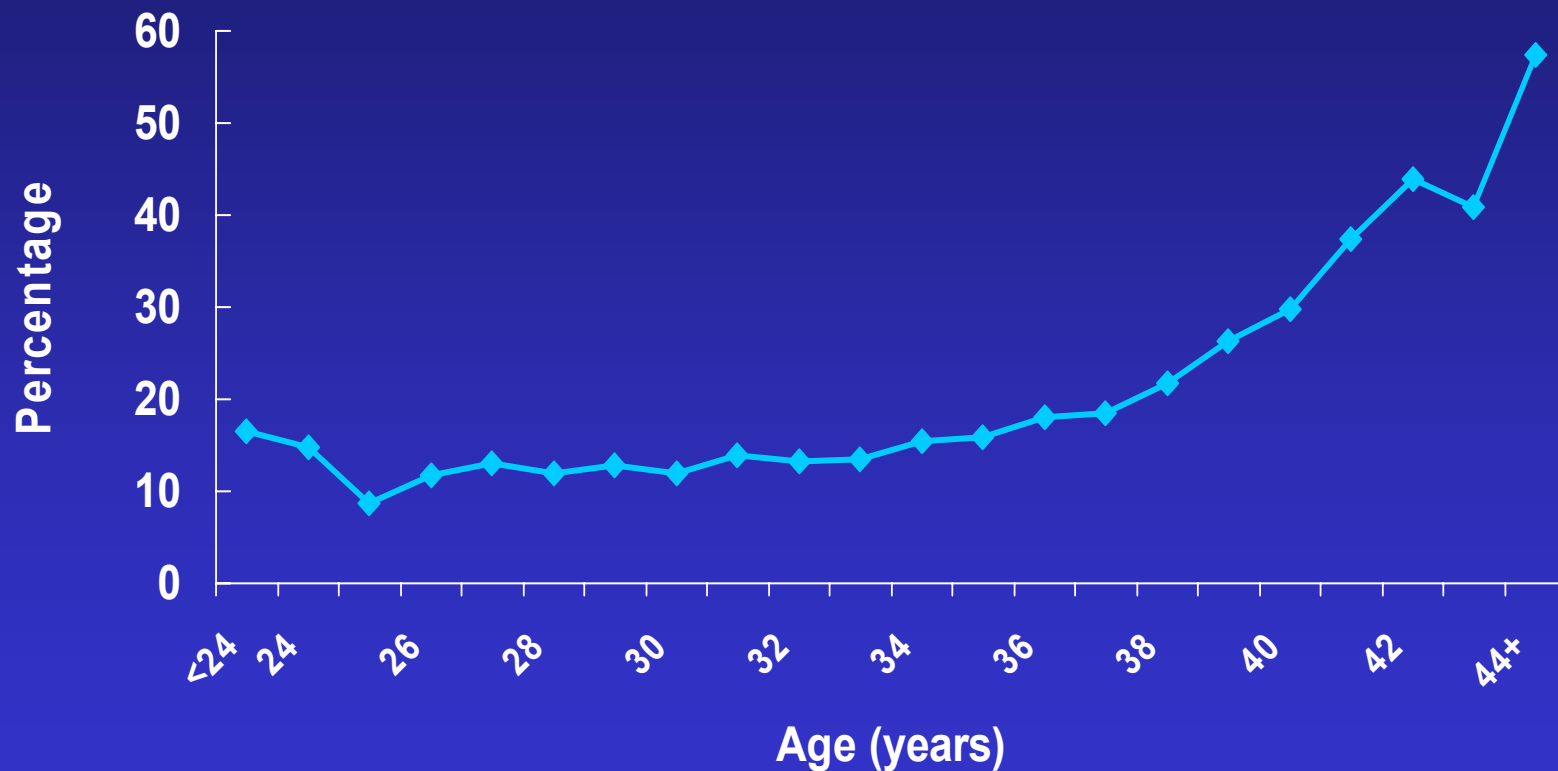
\*For consistency, all rates are based on cycles started.

# Pregnancy Rates, Live Birth Rates, and Singleton Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos Among Women Aged 40 and Older,\* 2001

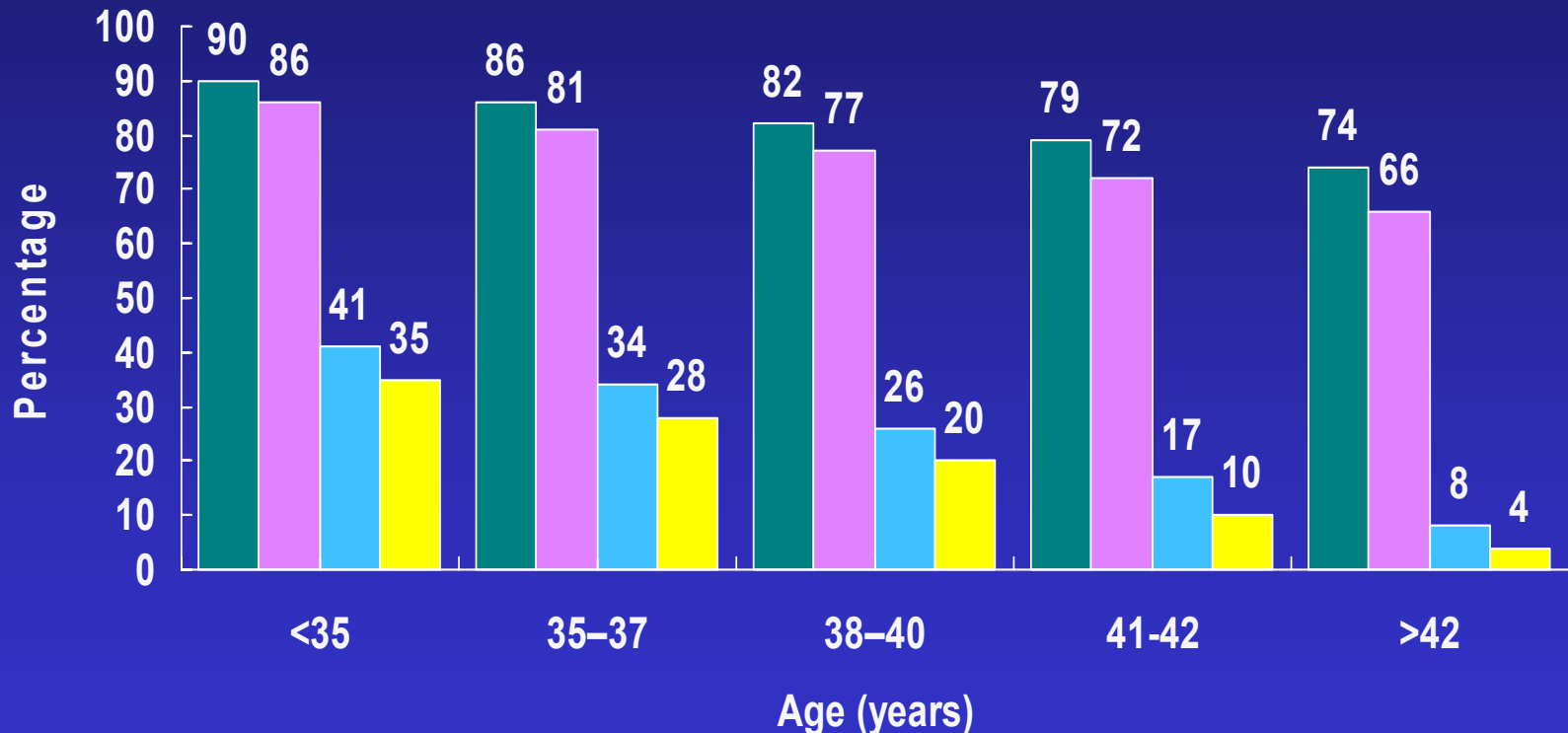


\*For consistency, all rates are based on cycles started.

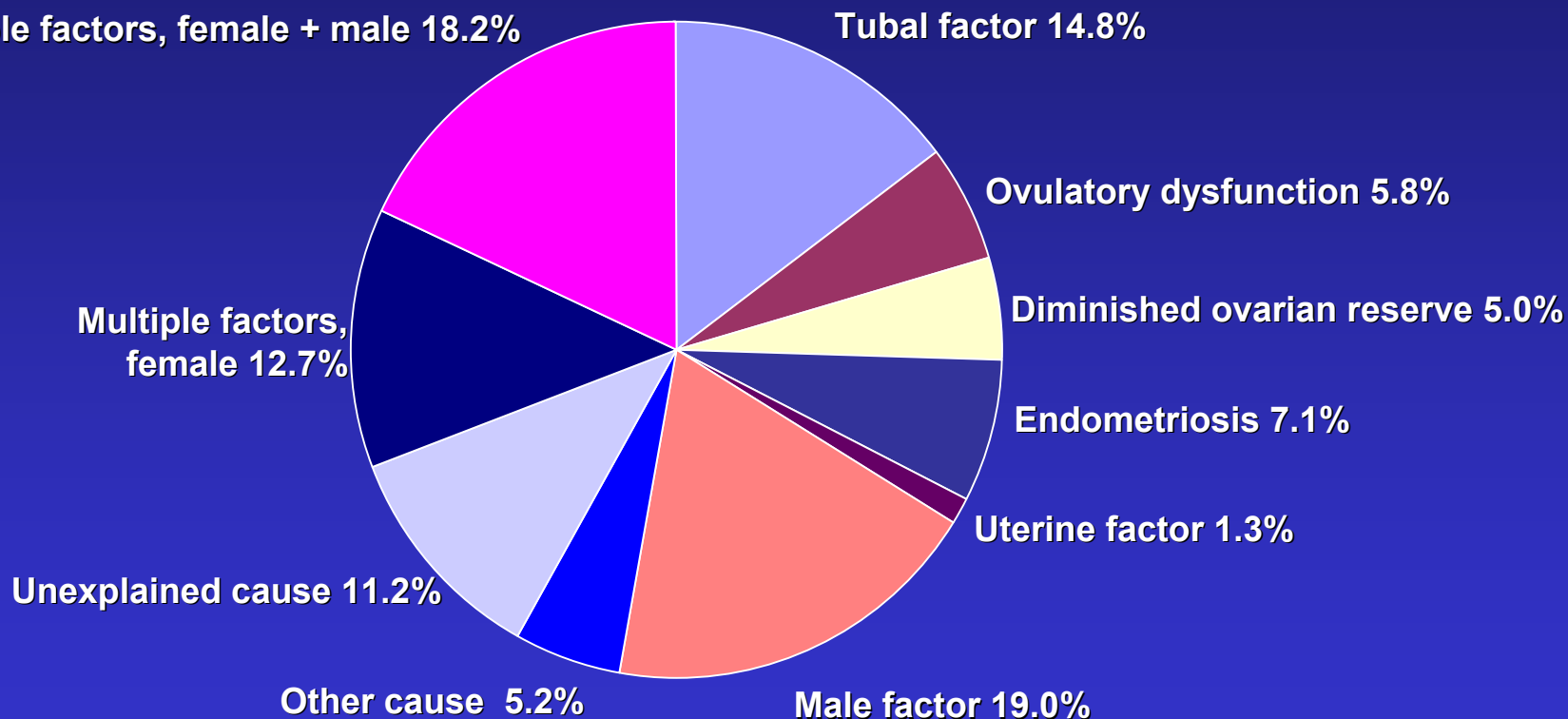
# Miscarriage Rates Among Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, by Age of Woman, 2001



# Outcomes of ART Cycles Using Fresh Nondonor Eggs or Embryos, by Stage and Age Group, 2001

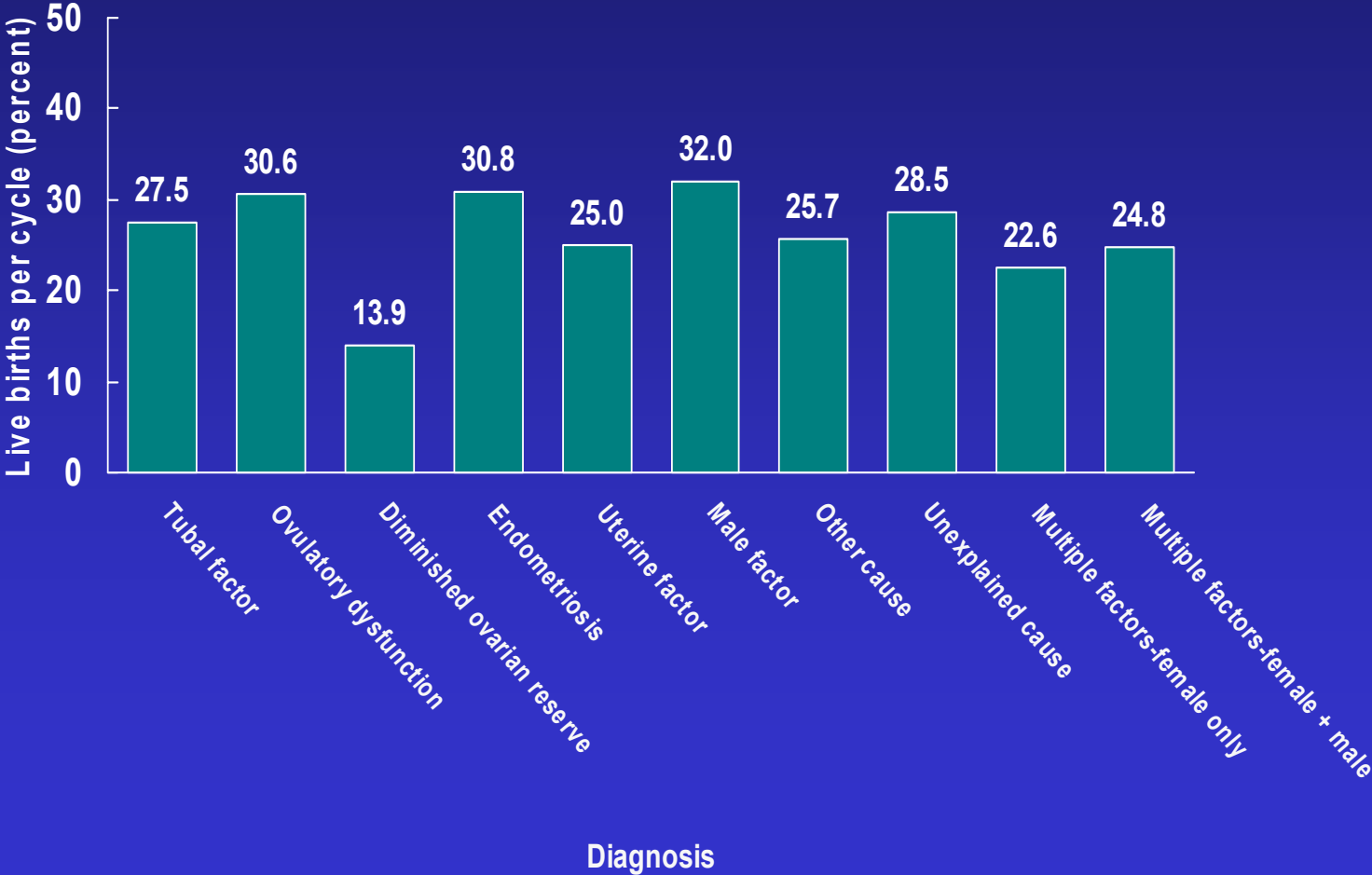


# Diagnoses Among Couples Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos,\* 2001

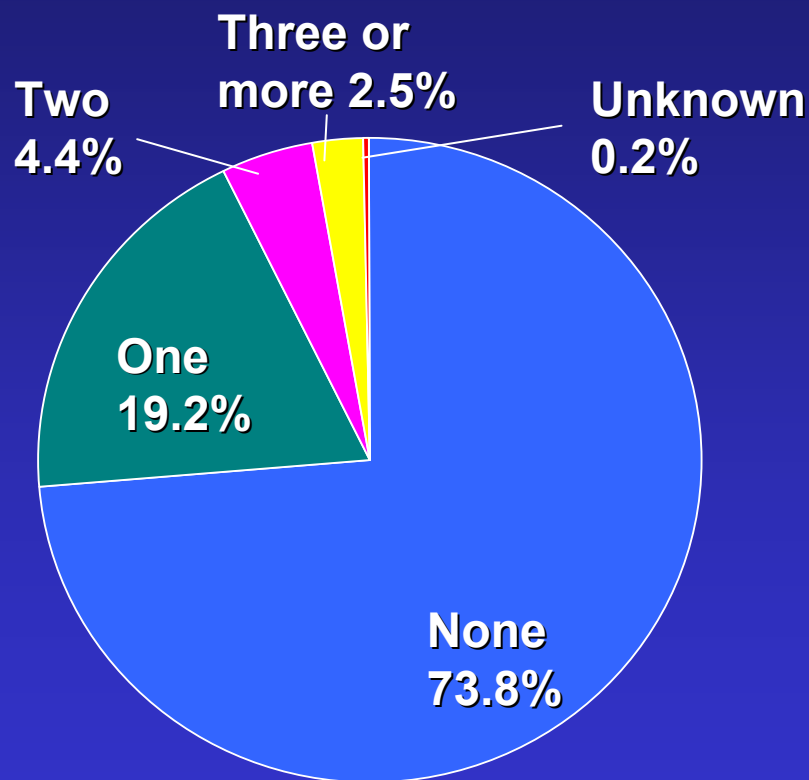


\*Total does not equal 100% due to rounding.

# Live Birth Rates Among Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos, by Diagnosis, 2001

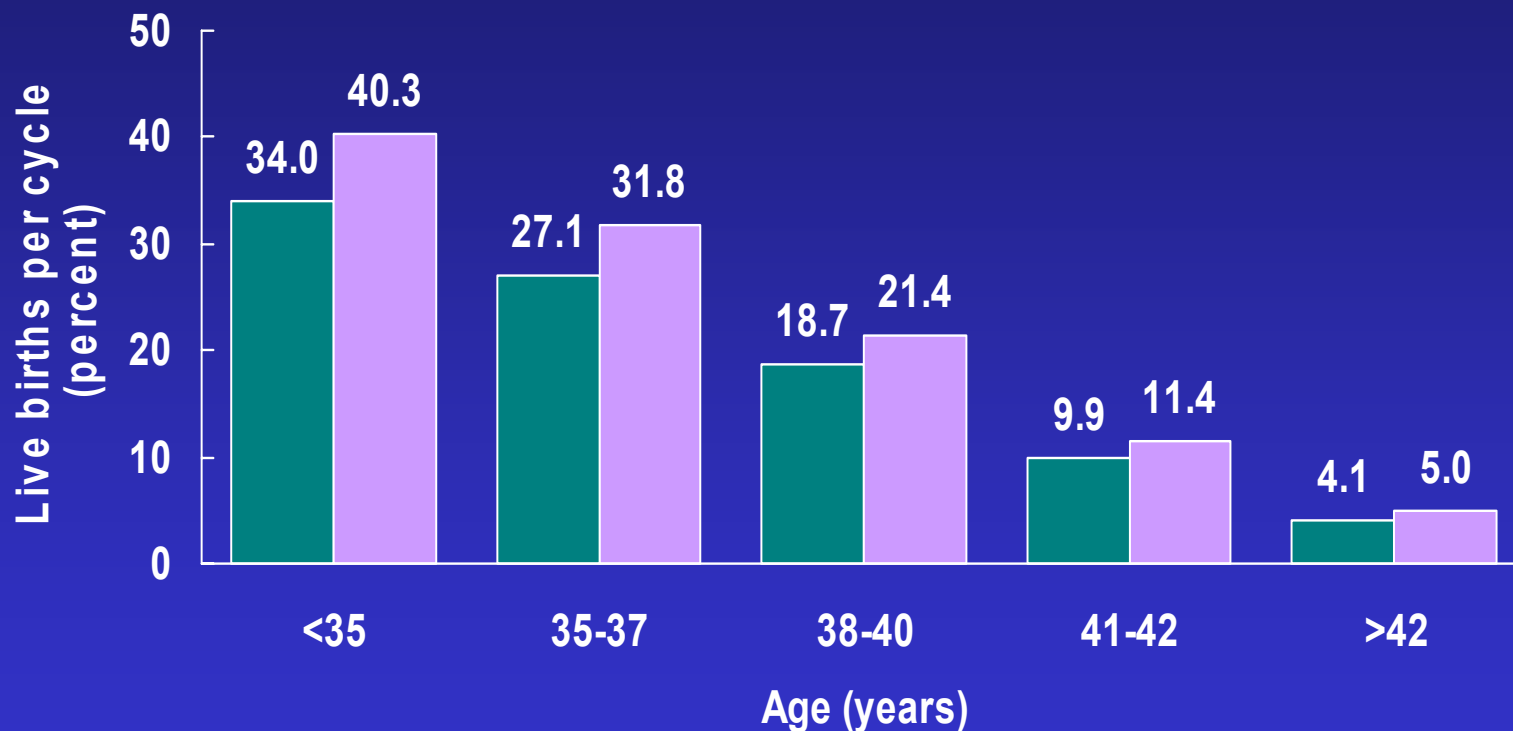


# Number of Previous Births Among Women Who Had ART Cycles Using Fresh Nondonor Eggs or Embryos,\* 2001





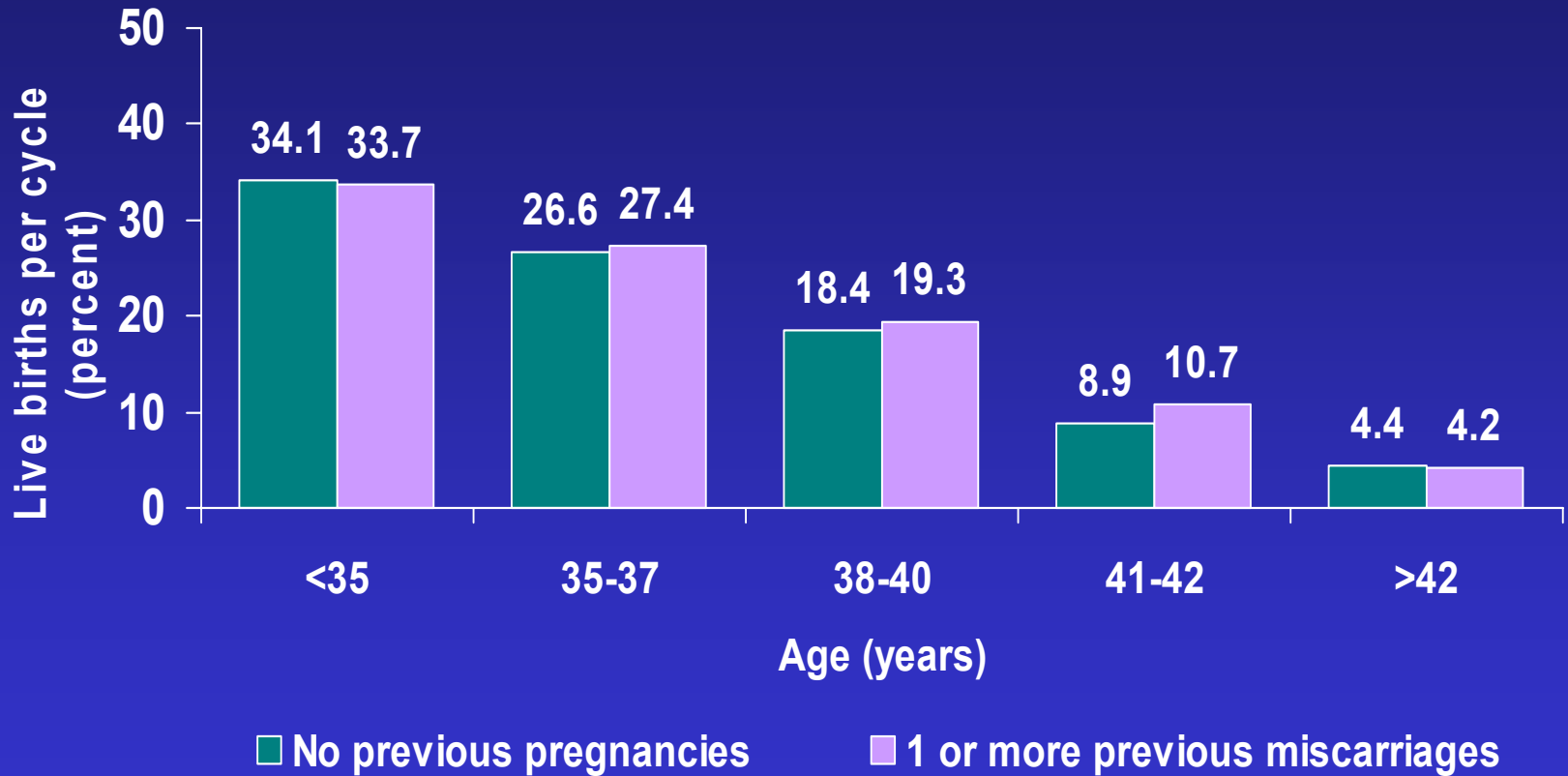
# Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Woman's Age and Number of Previous Live Births, 2001



■ No previous live births

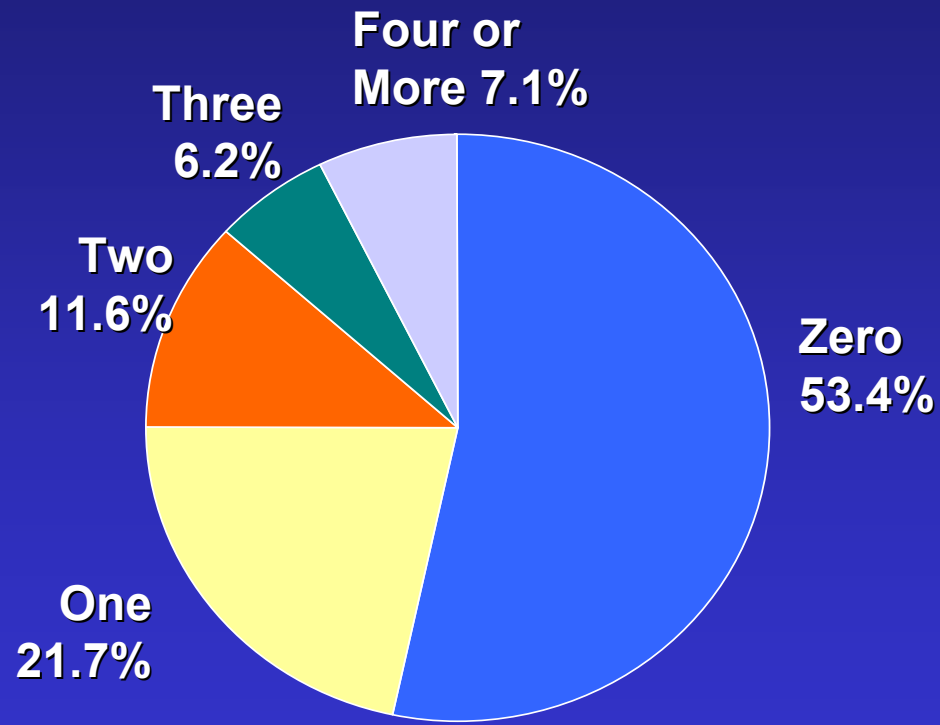
■ 1 or more previous live births

# Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Women's Age and History of Miscarriage, Among Women with No Previous Births,\* 2001

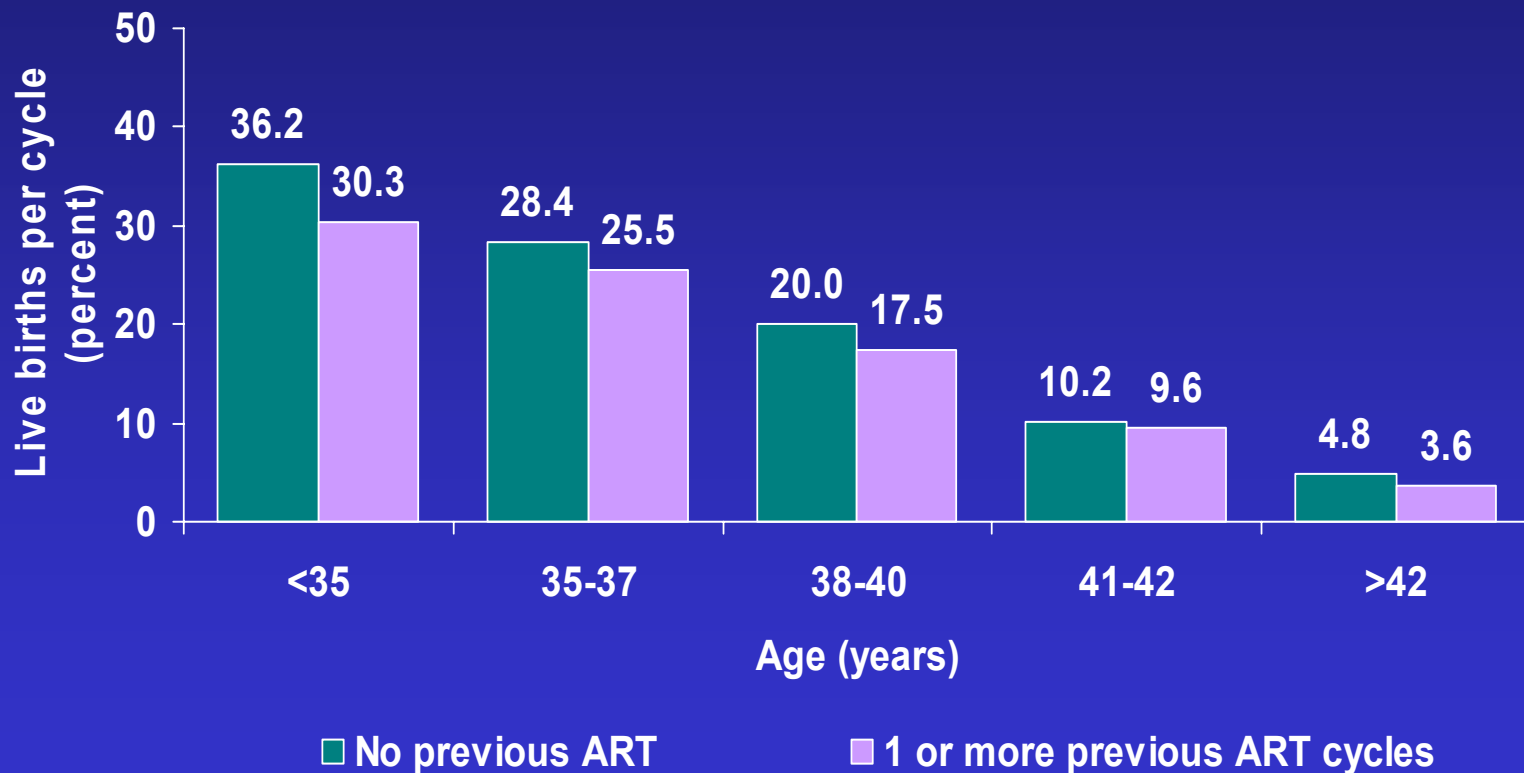


\*Women reporting only previous ectopic pregnancies or pregnancies that ended in induced abortion were not included in the above statistics.

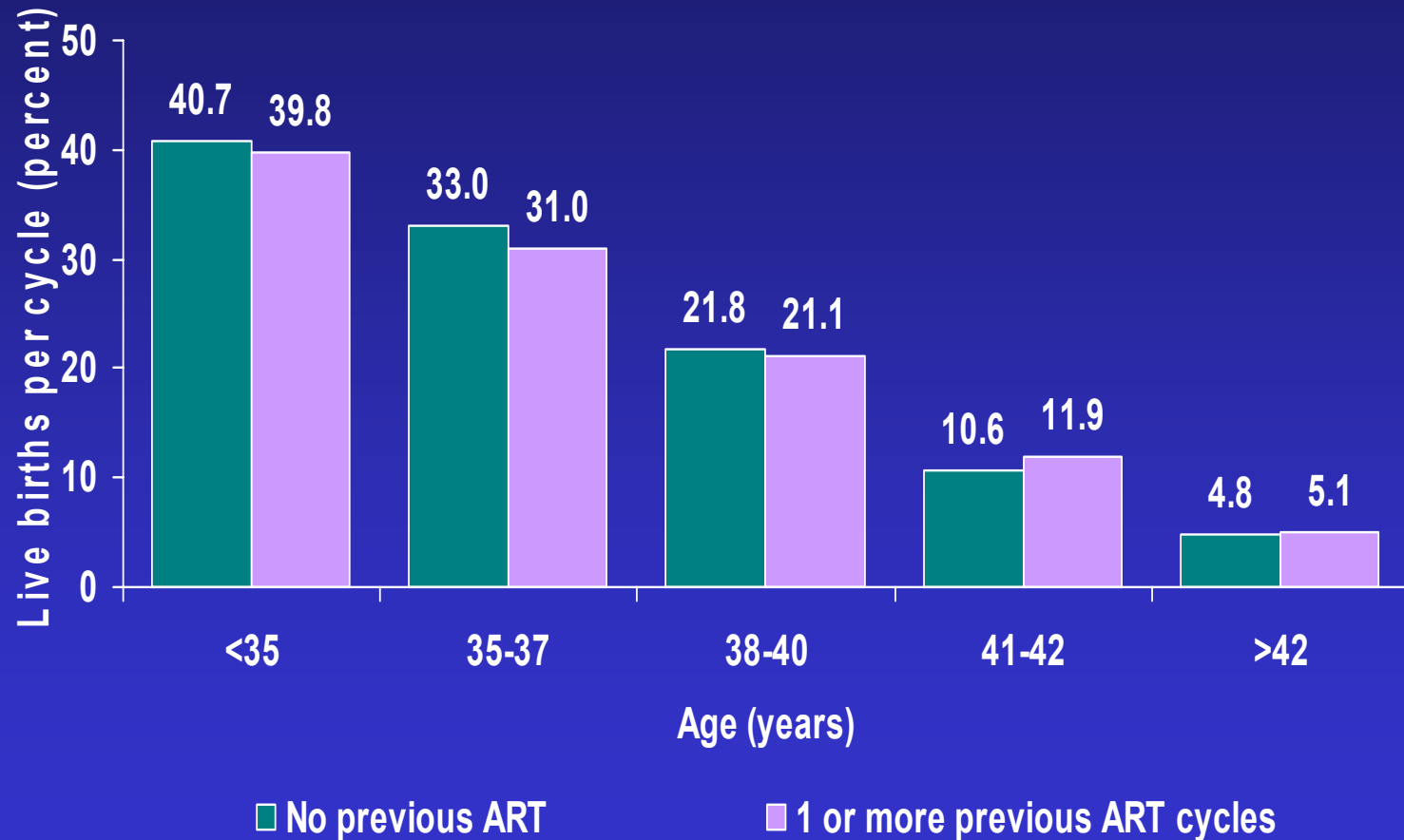
# Number of Previous ART Cycles Among Women Undergoing ART in 2001 with Fresh Nondonor Eggs or Embryos, 2001



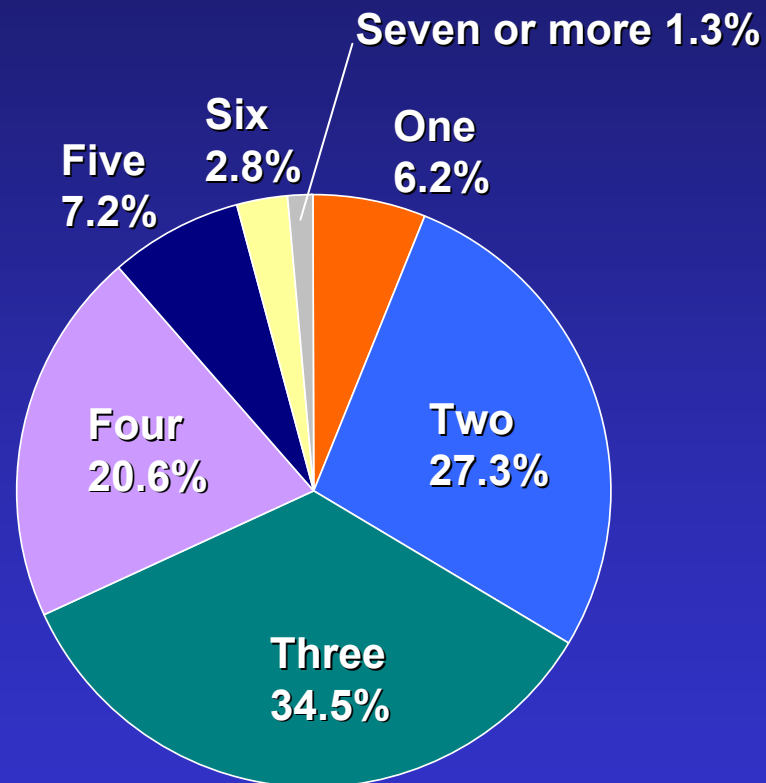
# Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Woman's Age and History of Previous ART Cycles, Among Women with No Previous Births, 2001



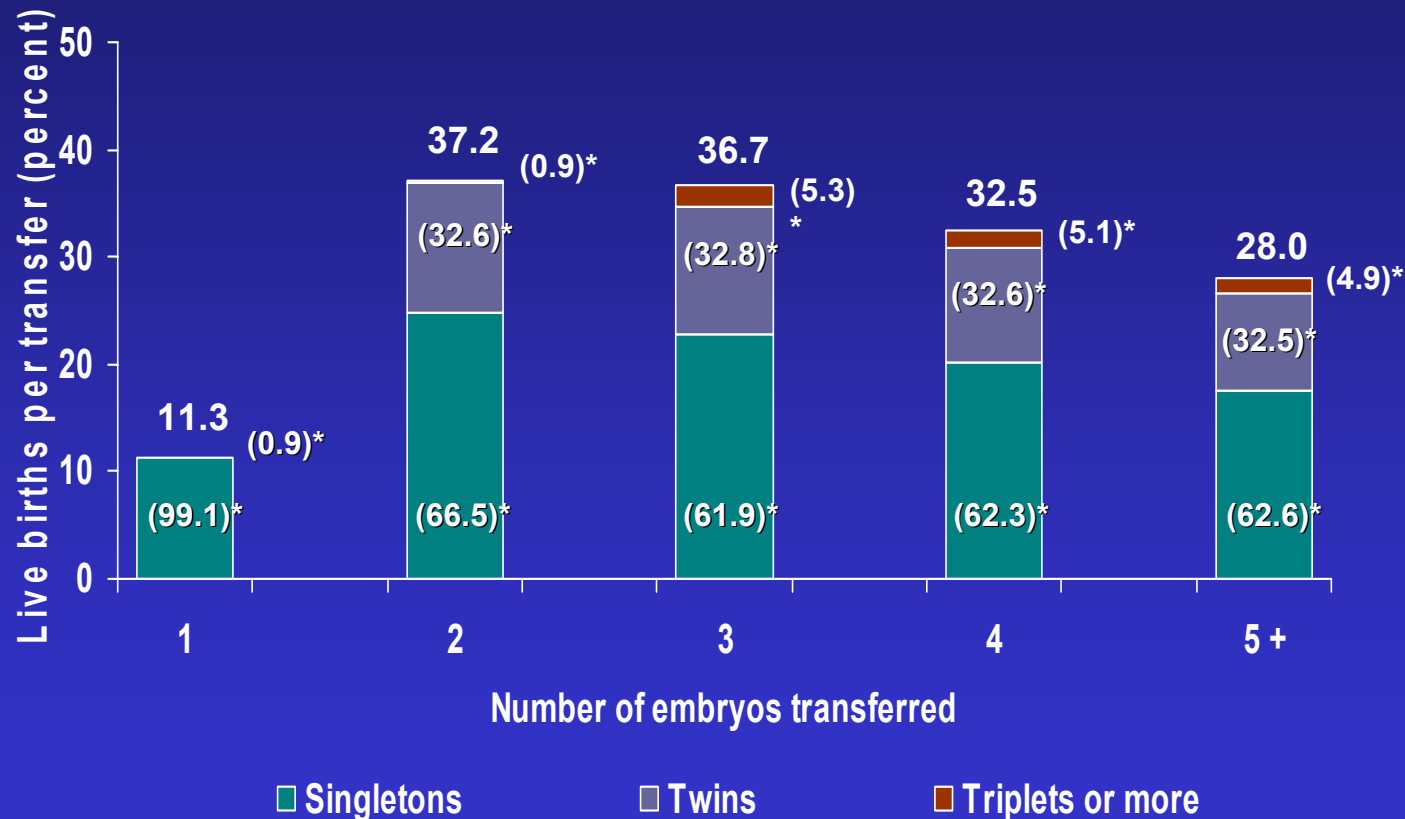
# Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Woman's Age and History of Previous ART Cycles, Among Women with One or More Previous Births, 2001



# Number of Embryos Transferred During ART Cycles Using Fresh Nondonor Eggs or Embryos,\* 2001

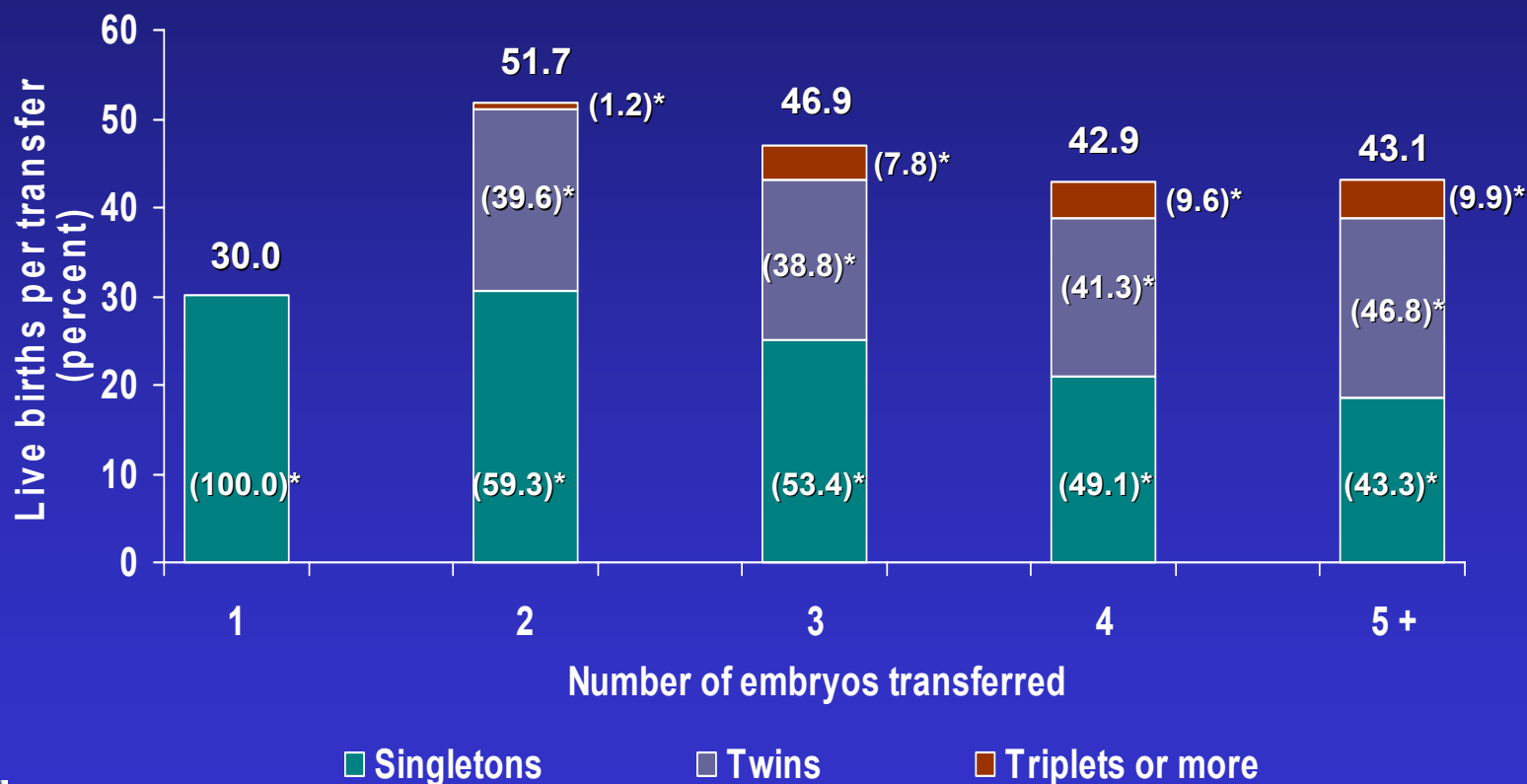


# Live Births per Transfer and Percentages of Multiple-Infant Births for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Number of Embryos Transferred, 2001



\*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.

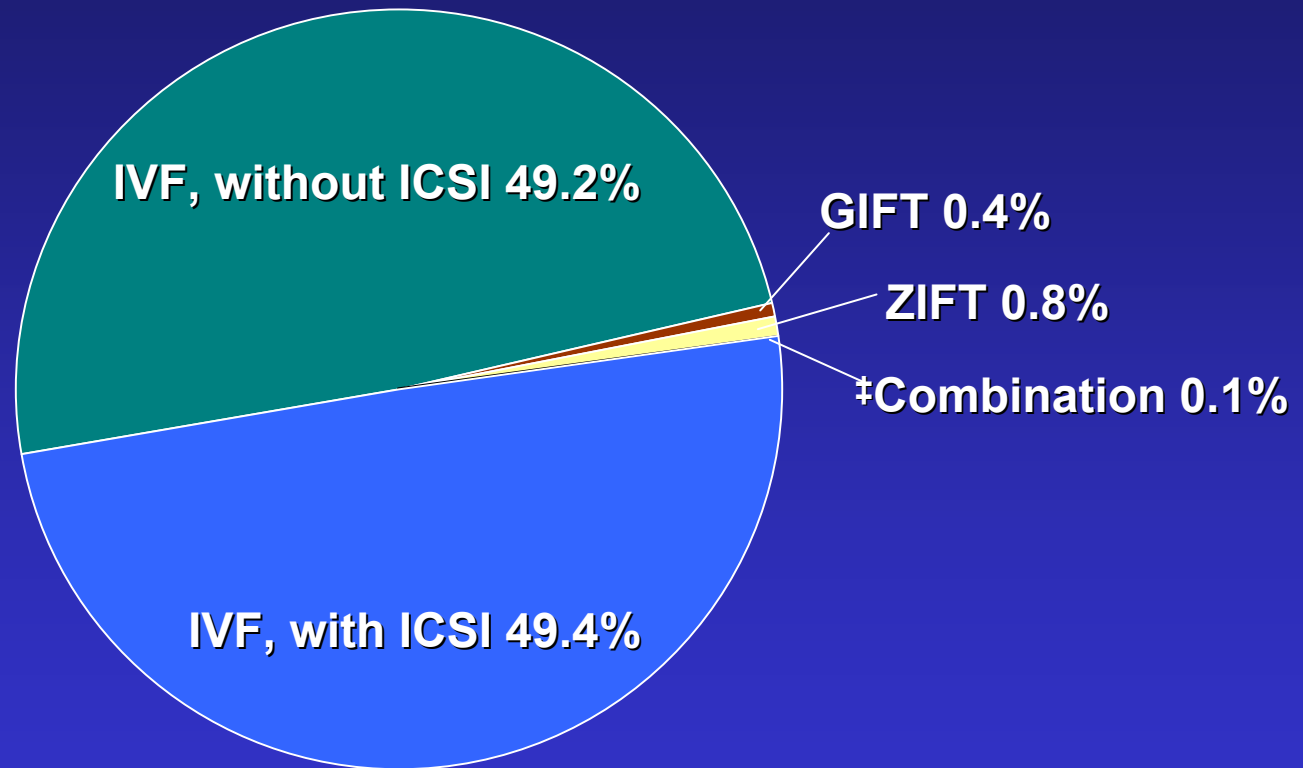
# Live Births per Transfer and Percentages of Multiple-Infant Births for ART Cycles in Women Who Were Younger Than 35; Used Fresh Nondonor Eggs or Embryos; and Set Aside Extra Embryos for Future Use, by Number of Embryos Transferred, 2001



\*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 triplets resulted when two embryos were transferred.



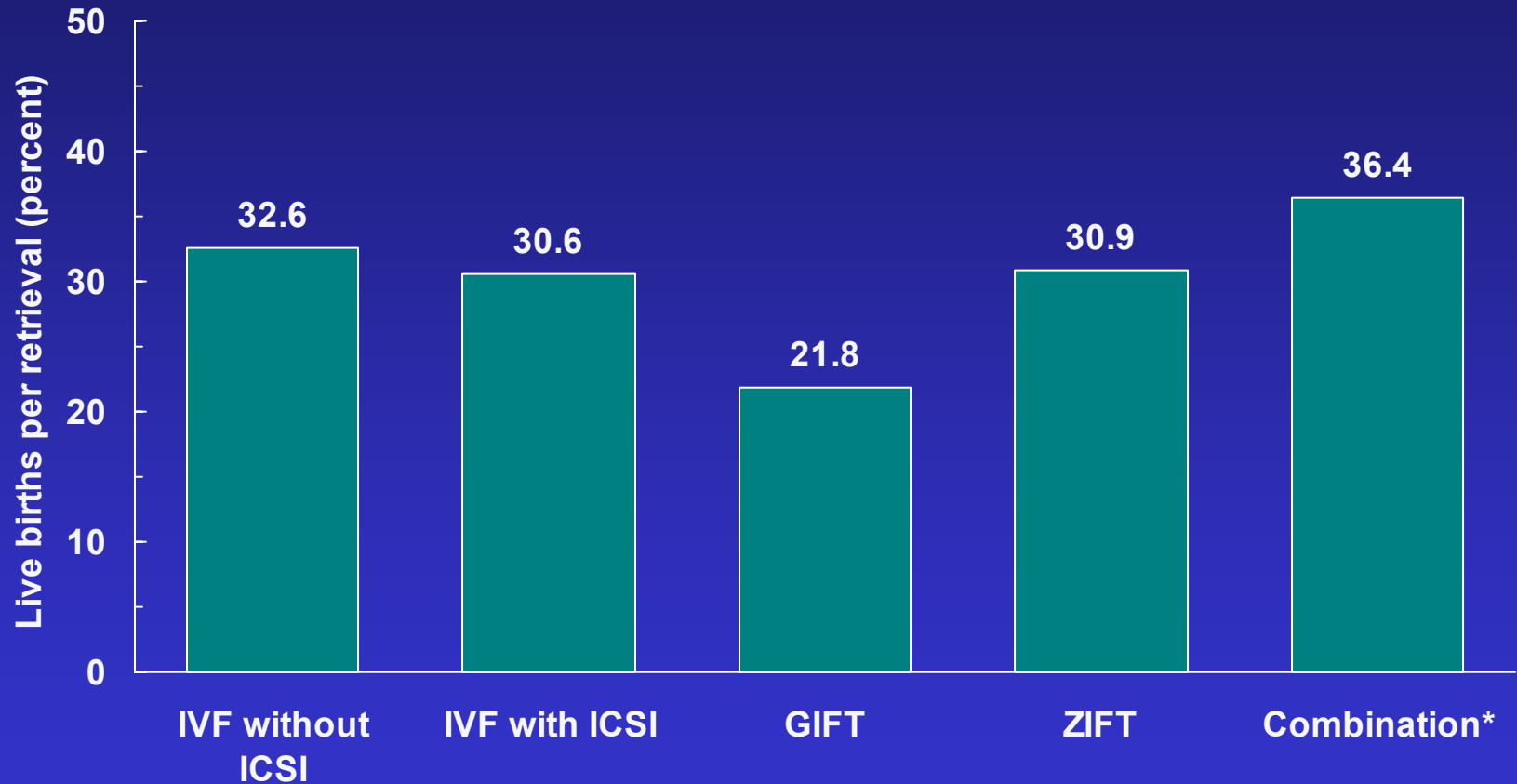
# Types of ART Procedures Using Fresh Nondonor Eggs or Embryos,\*† 2001



\*Cycles that were canceled before egg retrieval were classified as IVF, GIFT, or ZIFT based on the intended ART method. †Total does not equal 100% due to rounding.

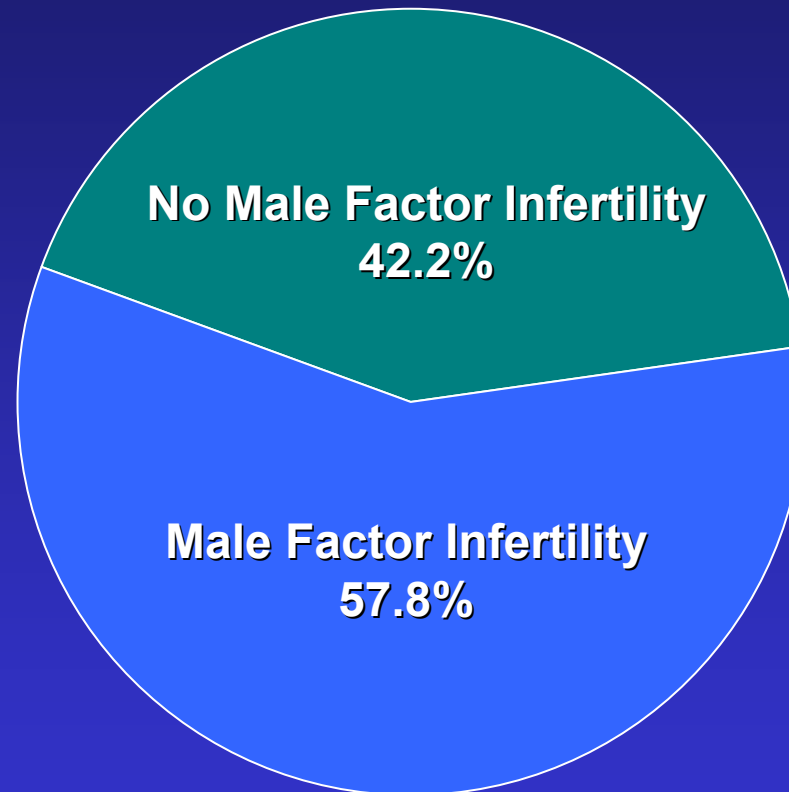
‡Combination of IVF with or without ICSI and either GIFT or ZIFT.

# Live Births per Retrieval for Different Types of ART Procedures, Using Fresh Nondonor Eggs or Embryos, 2001



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

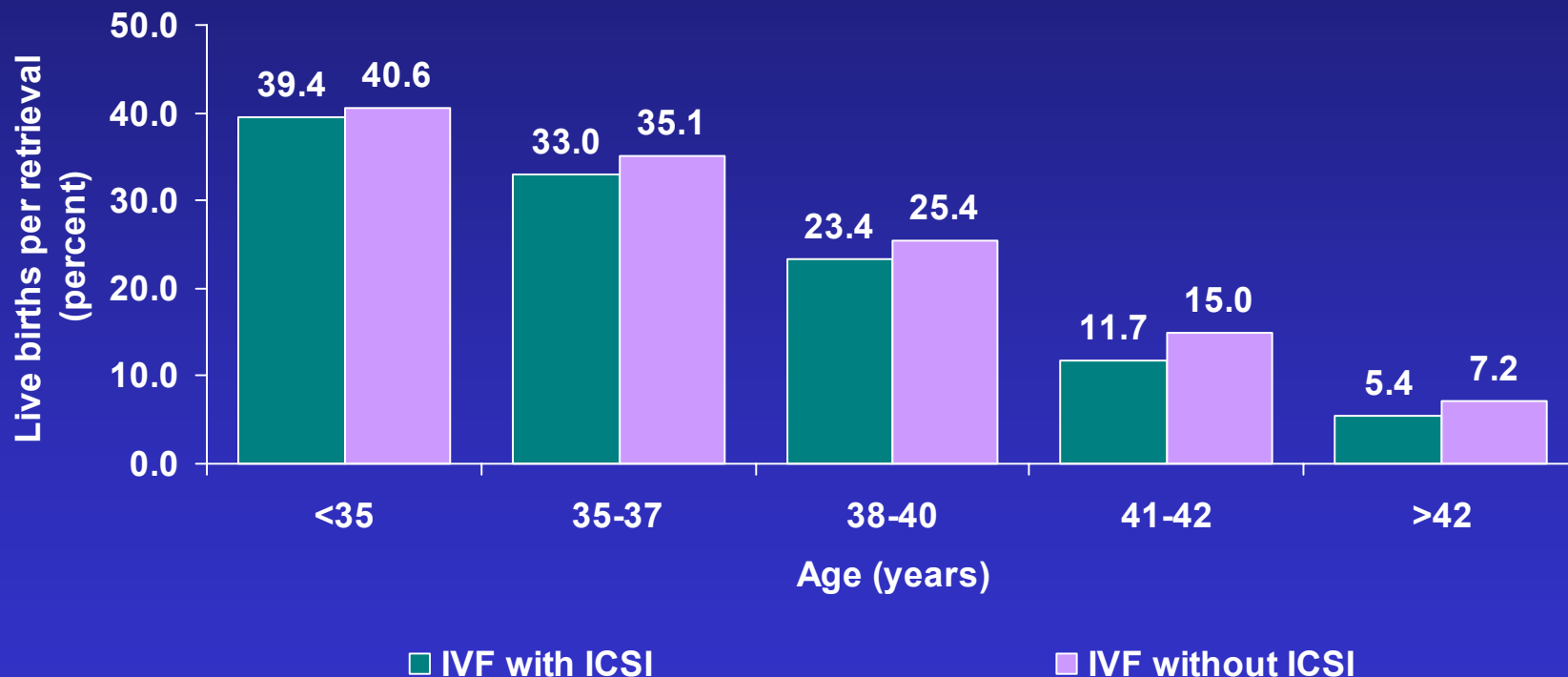
# Use of ICSI\* in Fresh–Nondonor Cycles Among Couples With and Without Diagnoses of Male Factor Infertility,† 2001



\*Intracytoplasmic sperm injection.

†Based on 39,973 cycles that used IVF with ICSI.

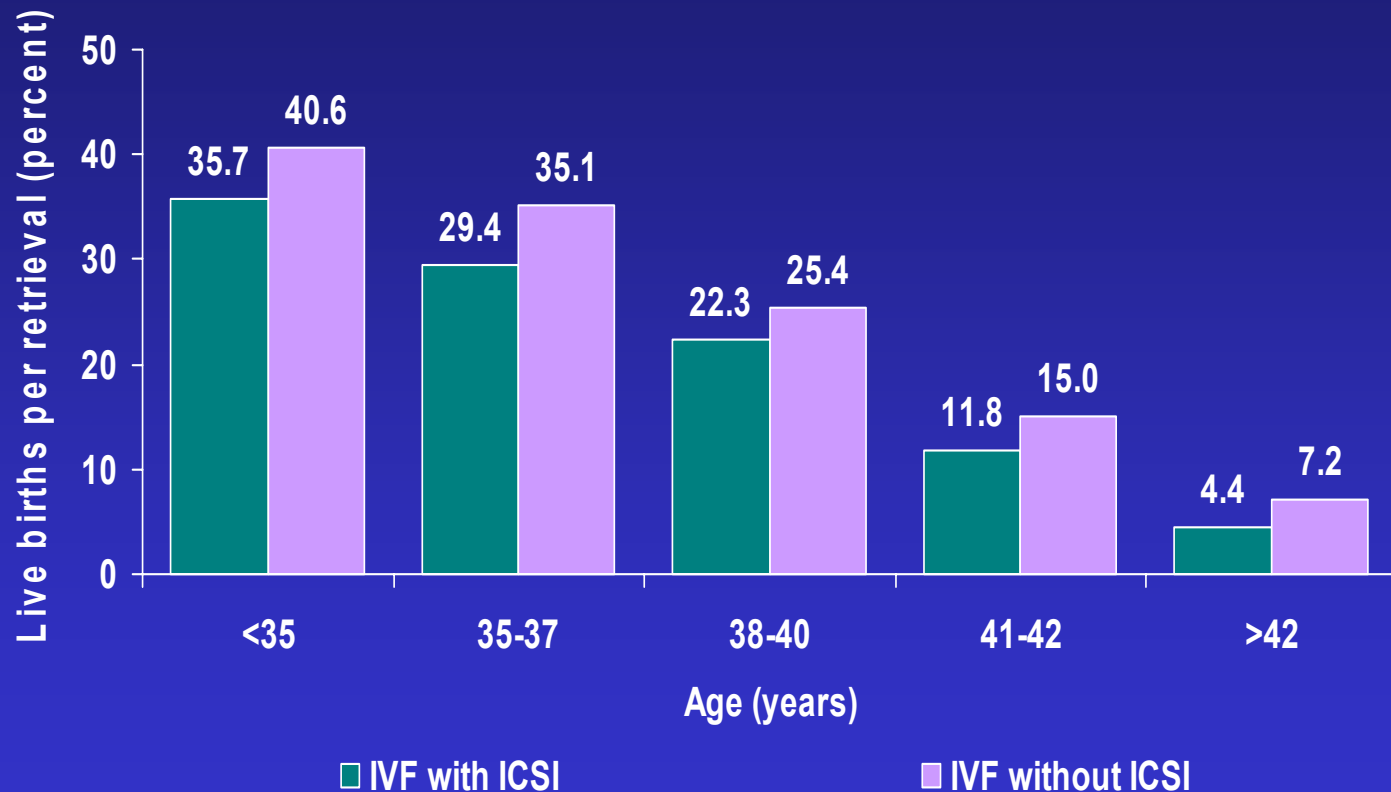
# Live Births per Retrieval for ART Cycles Using Fresh Nondonor Eggs or Embryos Among Couples Diagnosed with Male Factor Infertility Who Used IVF With ICSI\* In Comparison to IVF Without ICSI, by Woman's Age,† 2001



\*Intracytoplasmic sperm injection.

†Cycles using donor sperm and cycles using GIFT or ZIFT are excluded. The comparison group of IVF without ICSI includes couples with all diagnoses except male factor infertility.

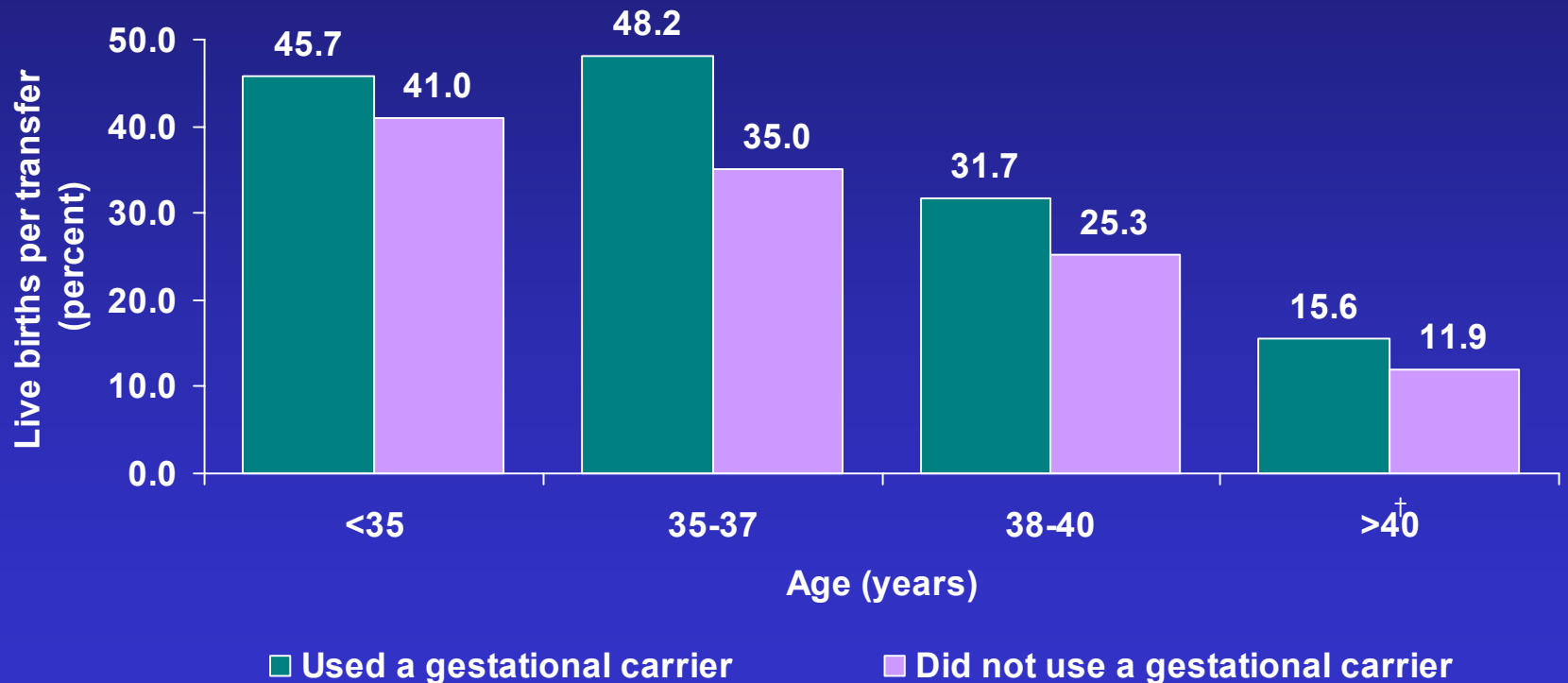
# Live Births per Retrieval for ART Cycles Using Fresh Nondonor Eggs or Embryos Among Couples Not Diagnosed with Male Factor Infertility, by Use of ICSI\* and Woman's Age,† 2001



\*Intracytoplasmic sperm injection.

†Cycles using GIFT and ZIFT are excluded.

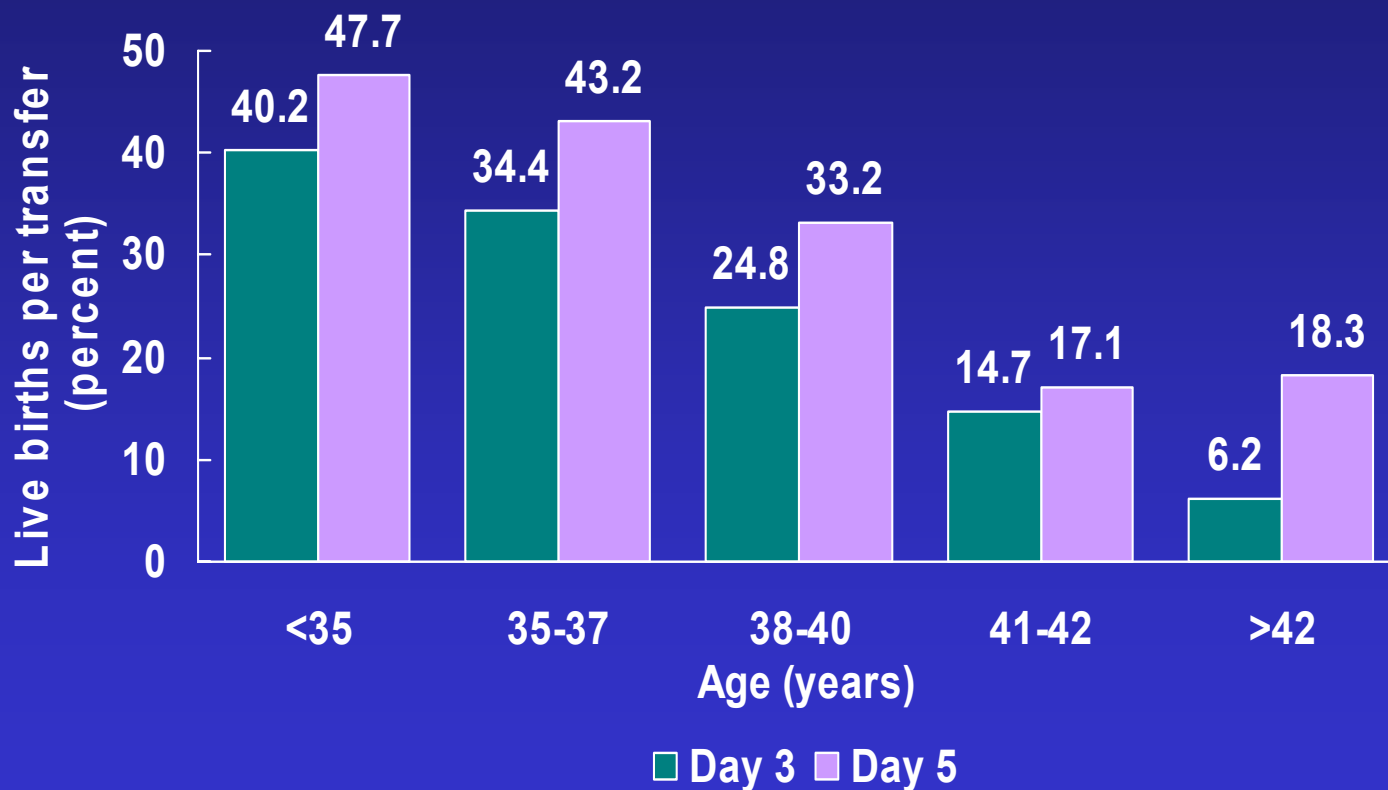
# Comparison of Live Births per Transfer Between Cycles That Used Gestational Carriers and Those That Did Not (Both Using Fresh Nondonor Embryos), by ART Patient's Age,\* 2001



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

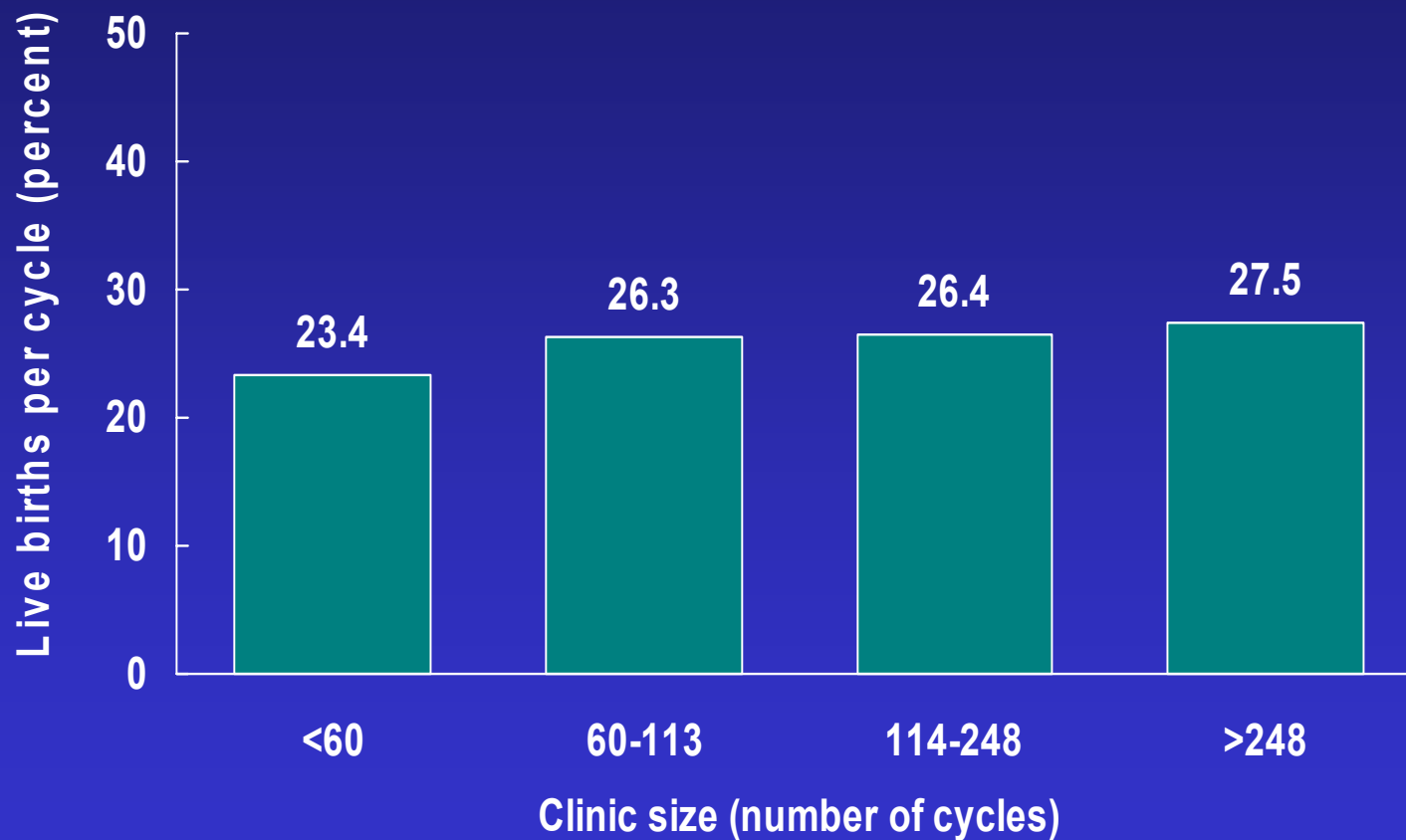
<sup>†</sup>We were unable to further subdivide ages >40 because the number of such cycles is very small.

# Live Births per Transfer for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Day of Embryo Transfer,\* 2001



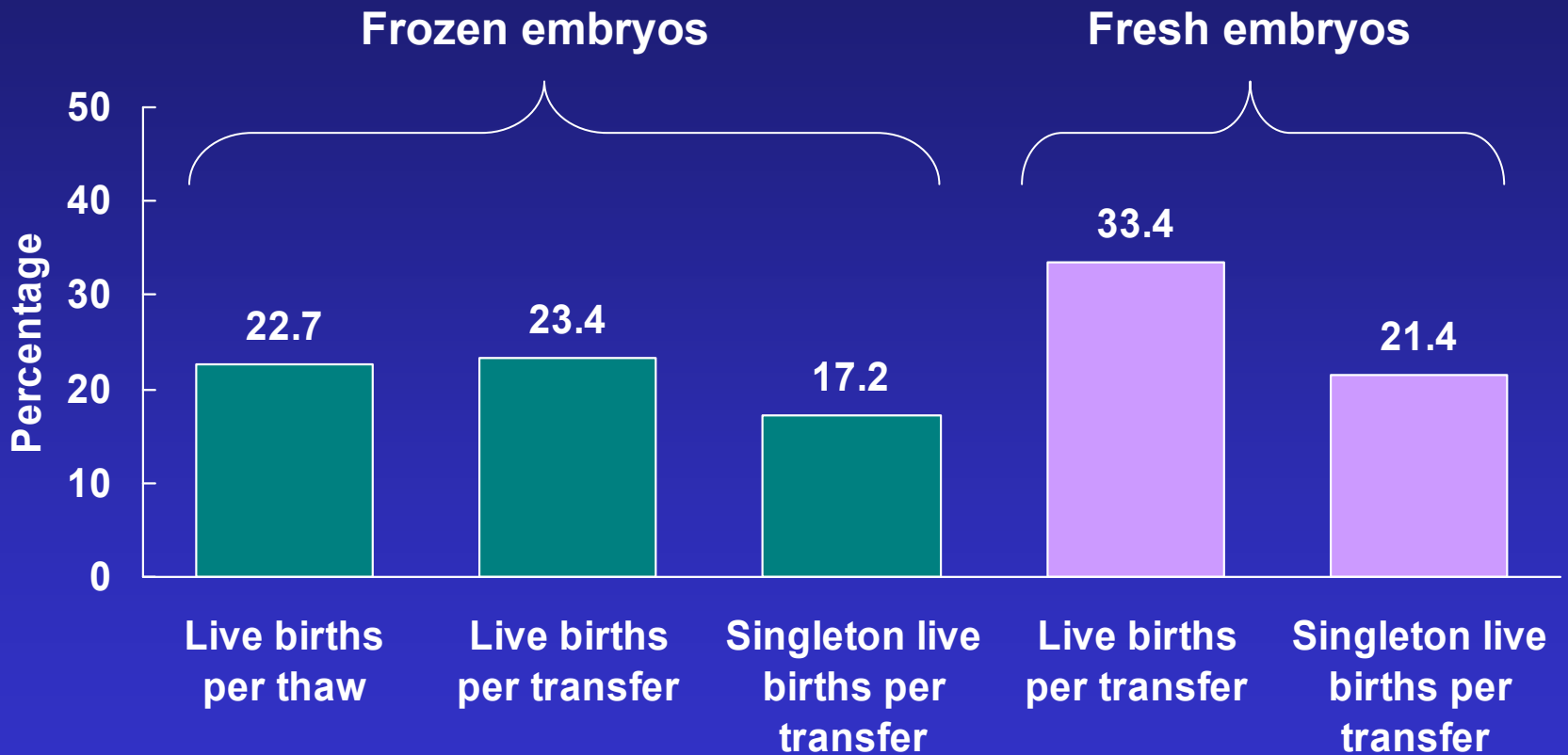
\*Cycles using GIFT and ZIFT are excluded. This comparison is limited to transfers on day 3 and day 5. Embryo transfers performed on days 1, 2, 4, and 6 are not included because each of these accounted for a small proportion of procedures.

# Live Birth Rates for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Clinic Size, 2001



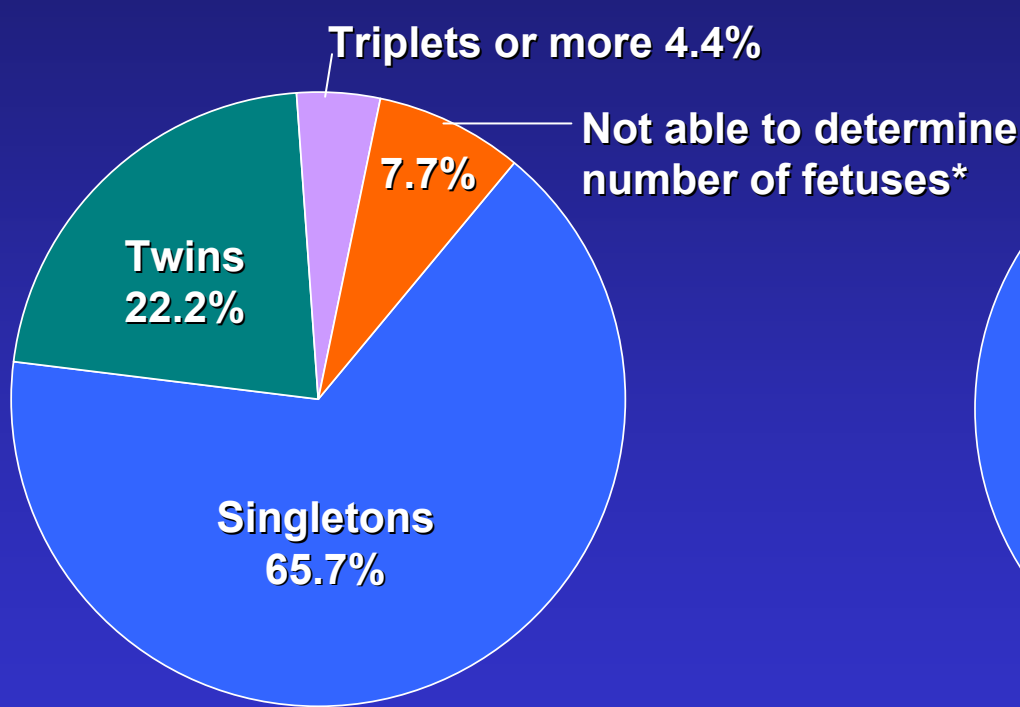


# Success Rates for ART Cycles Using Frozen Embryos and Fresh Embryos, 2001

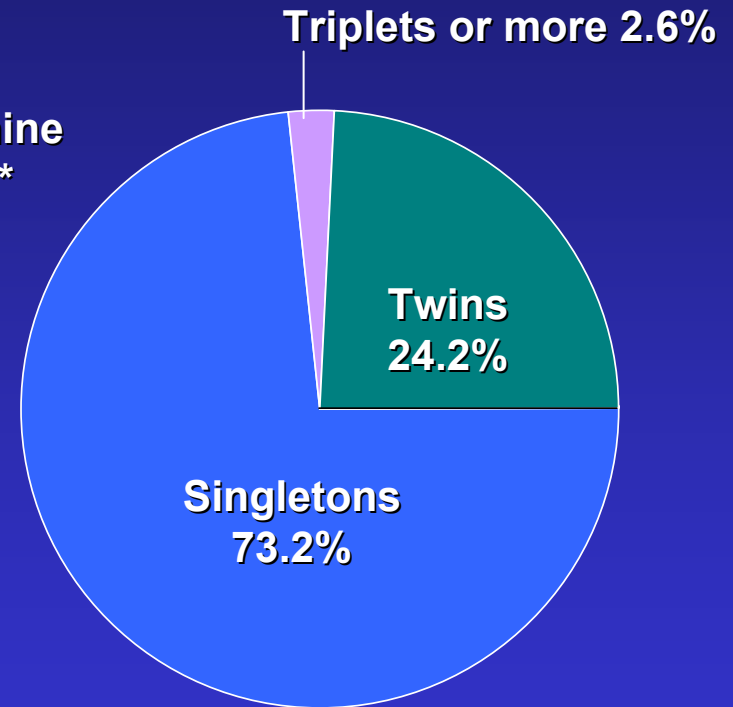


# Risk of Having Multiple-Fetus Pregnancy and Multiple-Infant Live Birth from ART Cycles Using Frozen Nondonor Embryos, 2001

Total multiple-fetus pregnancies: 26.6%    Total multiple-infant live births: 26.8%



A. 3,850 Pregnancies

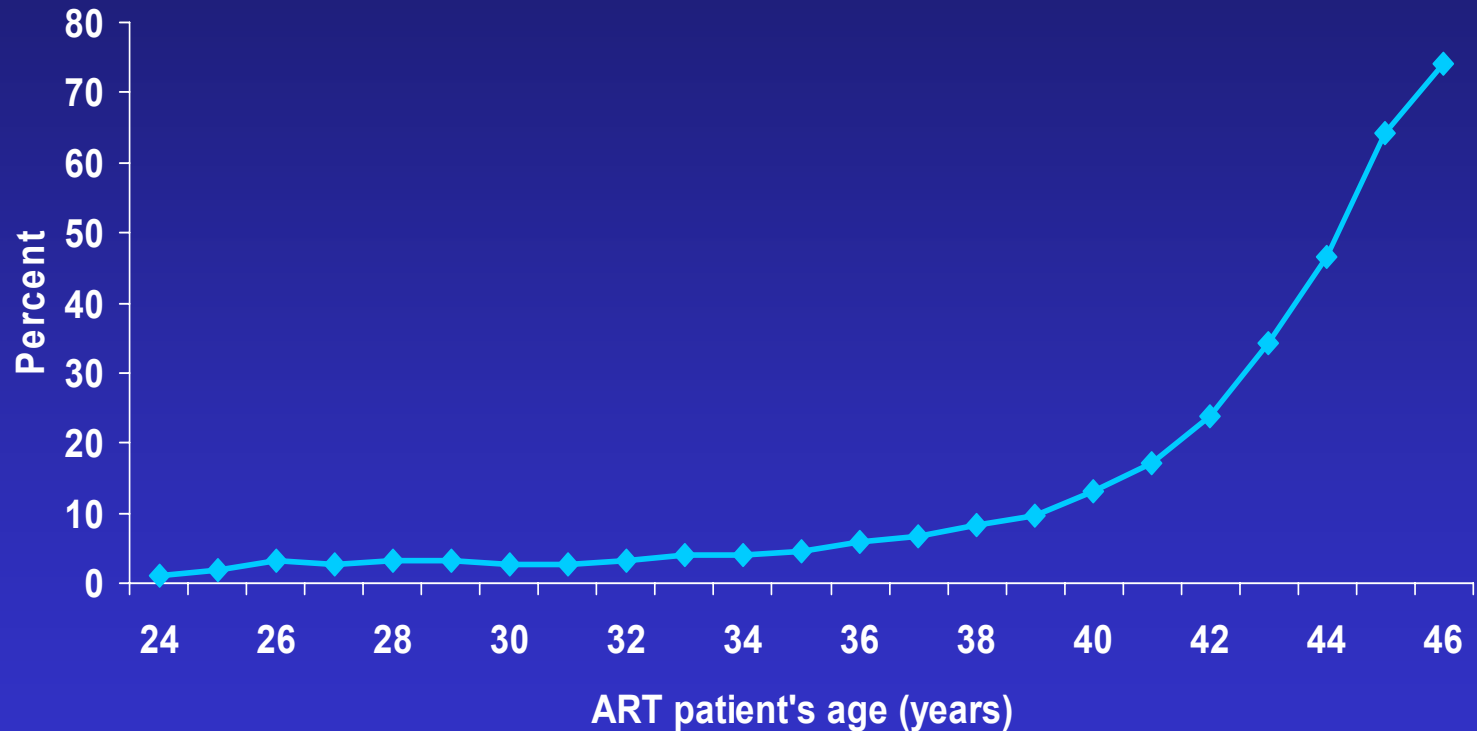


B. 3,075 Live births

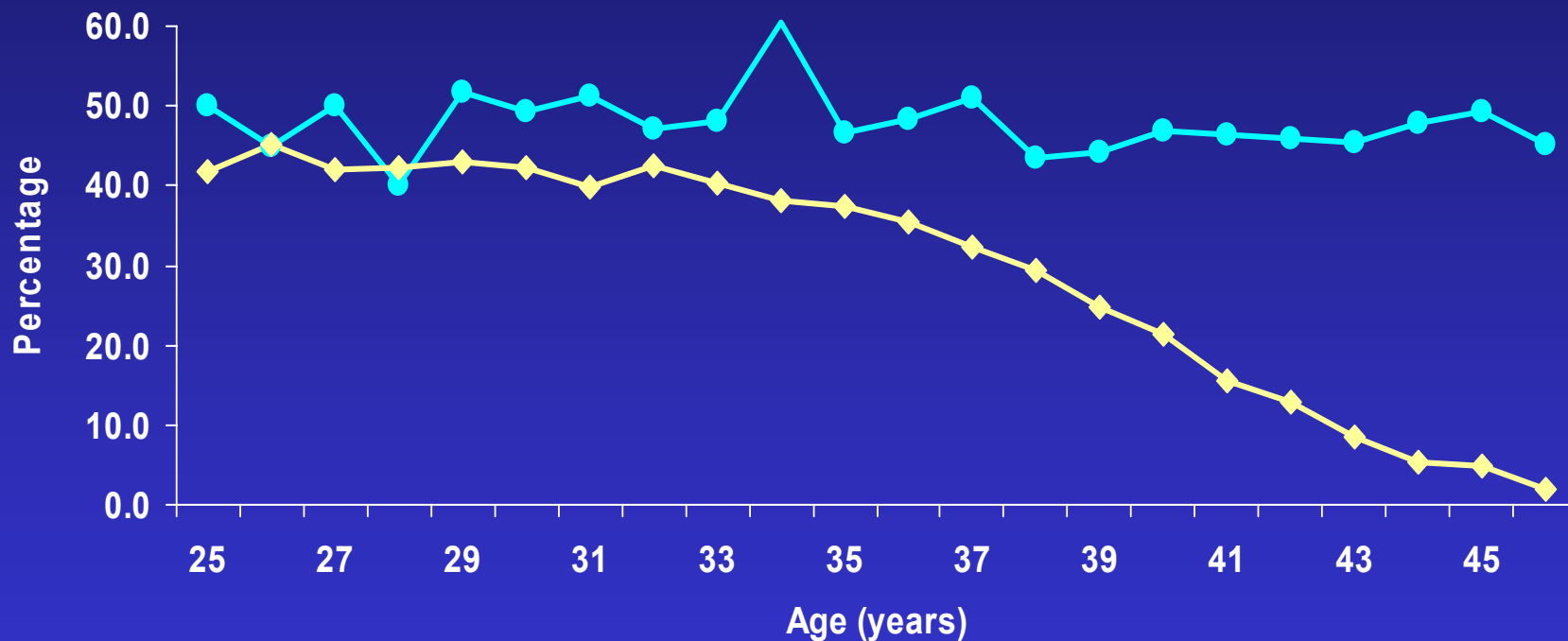


\*Number of fetuses not known because the pregnancy ended in an early miscarriage.

# Percentage of ART Cycles Using Donor Eggs, by ART Patient's Age, 2001

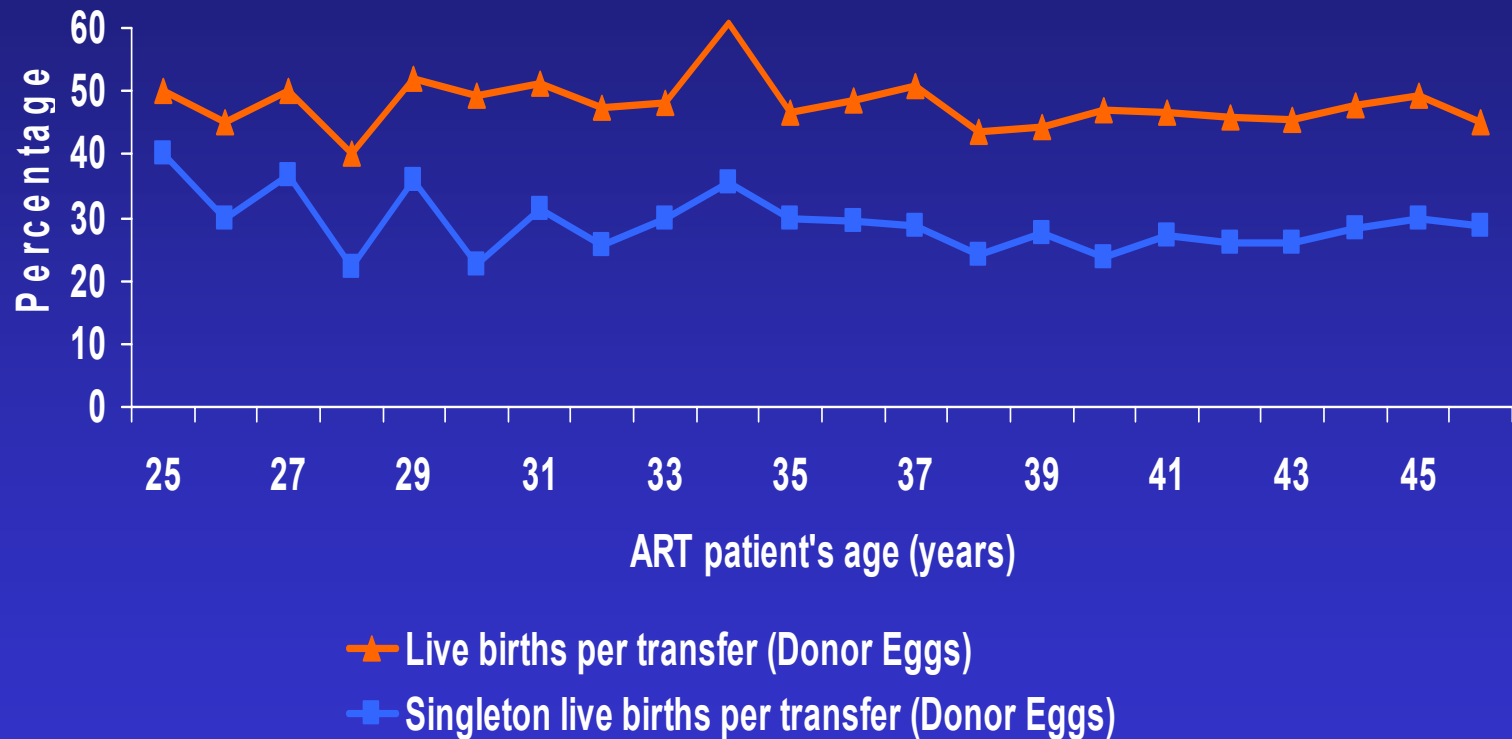


# Live Births per Transfer for ART Cycles Using Fresh Embryos from Own and Donor Eggs, by ART Patient's Age, 2001



● Live births per transfer (Donor Eggs)  
◆ Live births per transfer (Own Eggs)

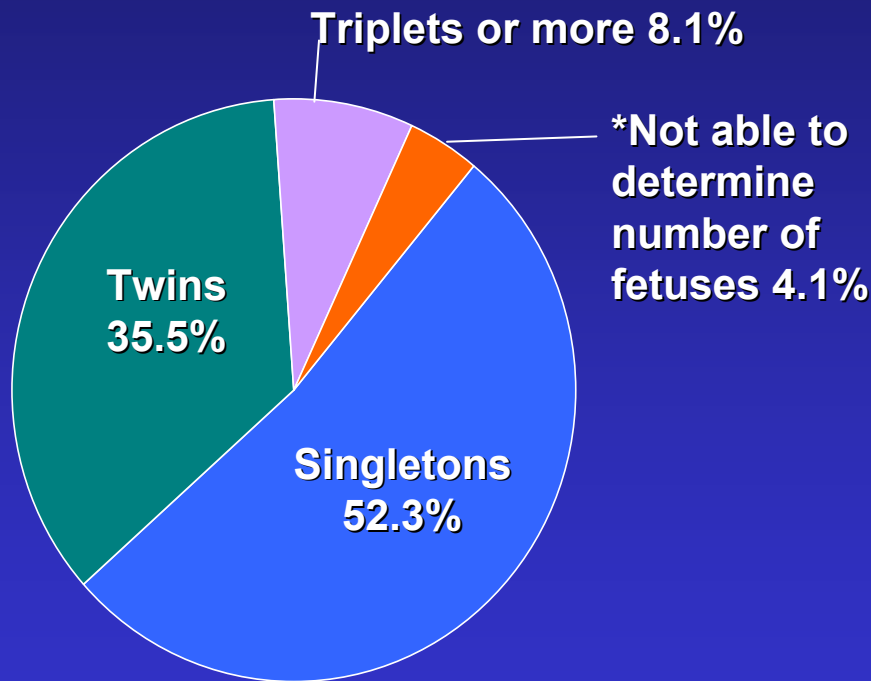
# Live Births per Transfer and Singleton Live Births per Transfer for ART Cycles Using Fresh Embryos from Donor Eggs, by ART Patient's Age, 2001



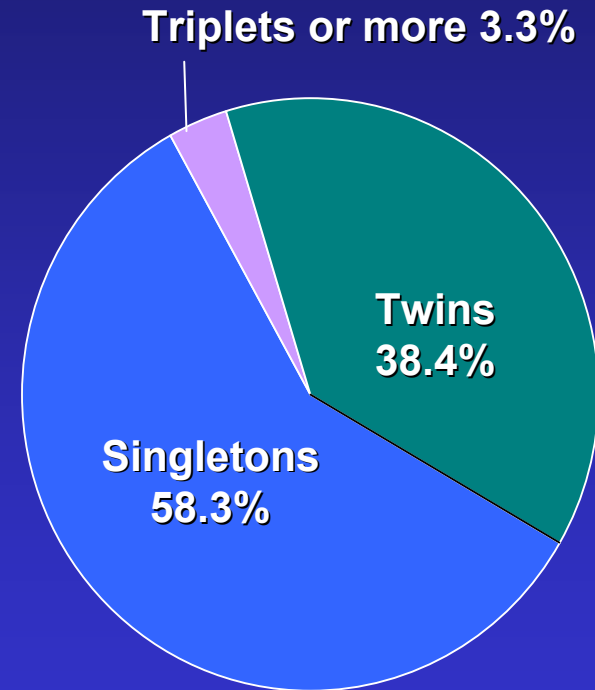
# Risk of Having Multiple-Fetus Pregnancy and Multiple-Infant Live Birth from ART Cycles Using Fresh Donor Eggs, 2001

Total multiple-fetus pregnancies: 43.6%

Total multiple-infant live births: 41.7%



A. 4,302 Pregnancies

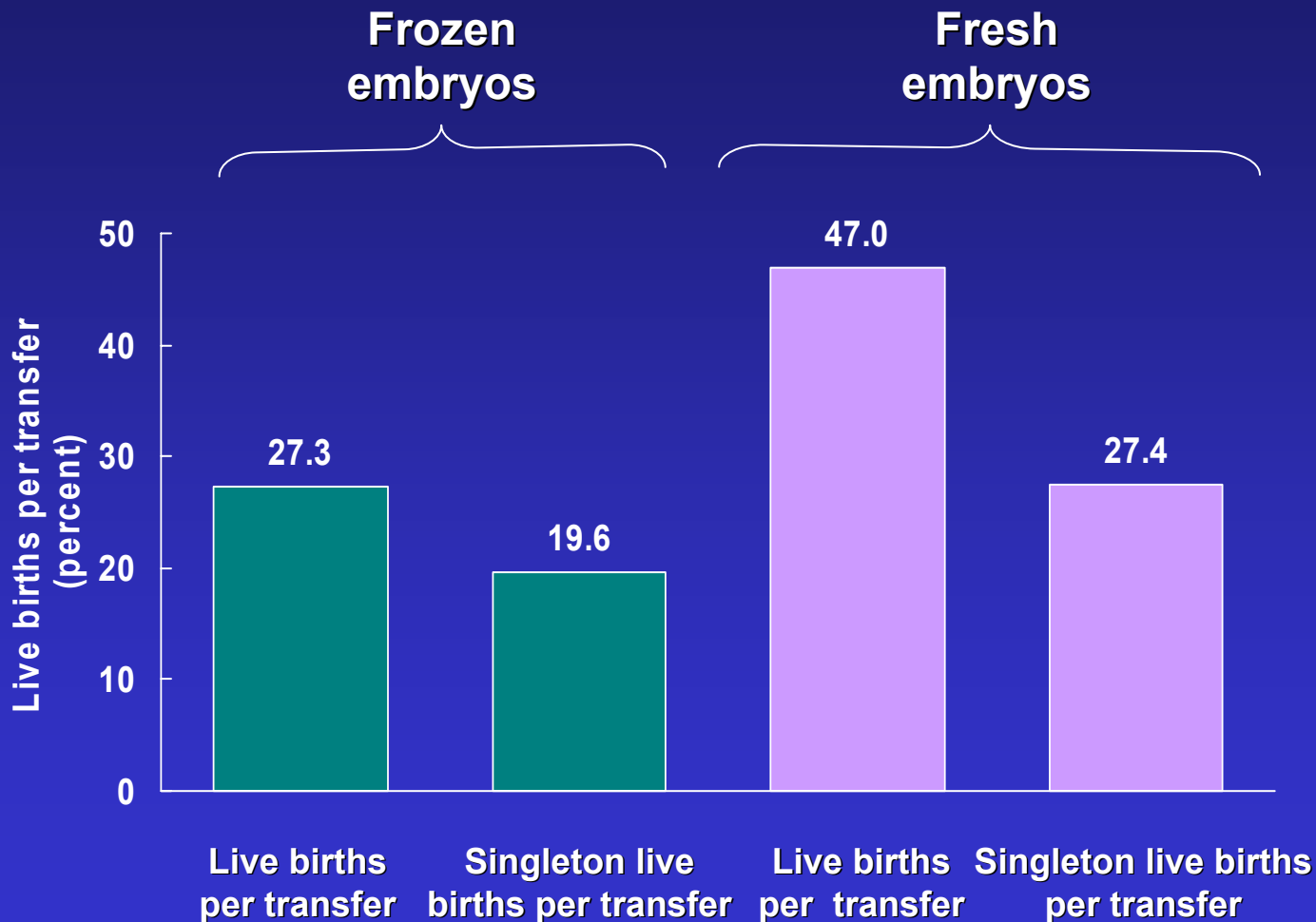


B. 3,629 Live births

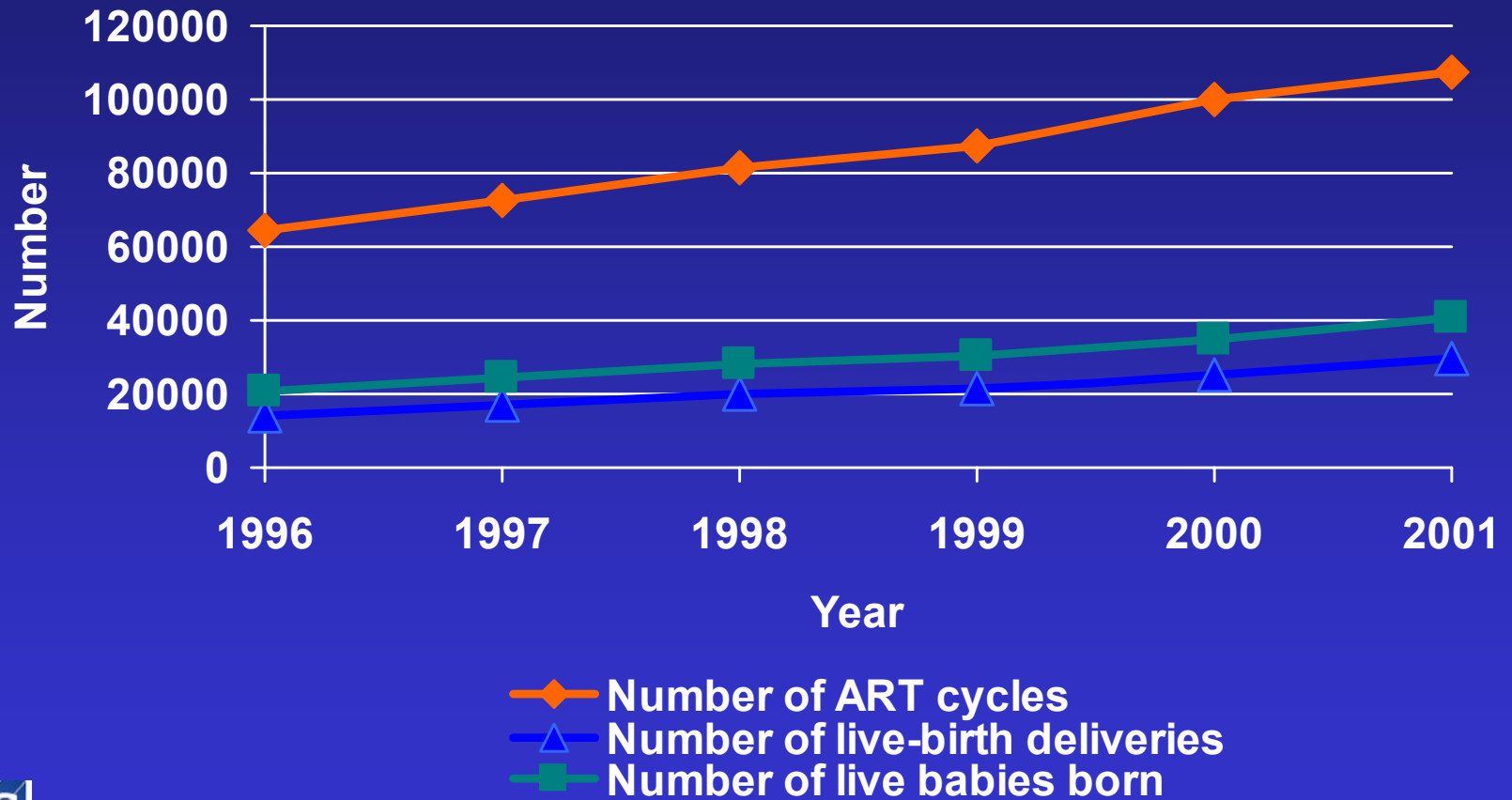


\*Number of fetuses not known because the pregnancy ended in an early miscarriage.

# Live Births per Transfer for Fresh Donor and Frozen Donor Embryos, 2001

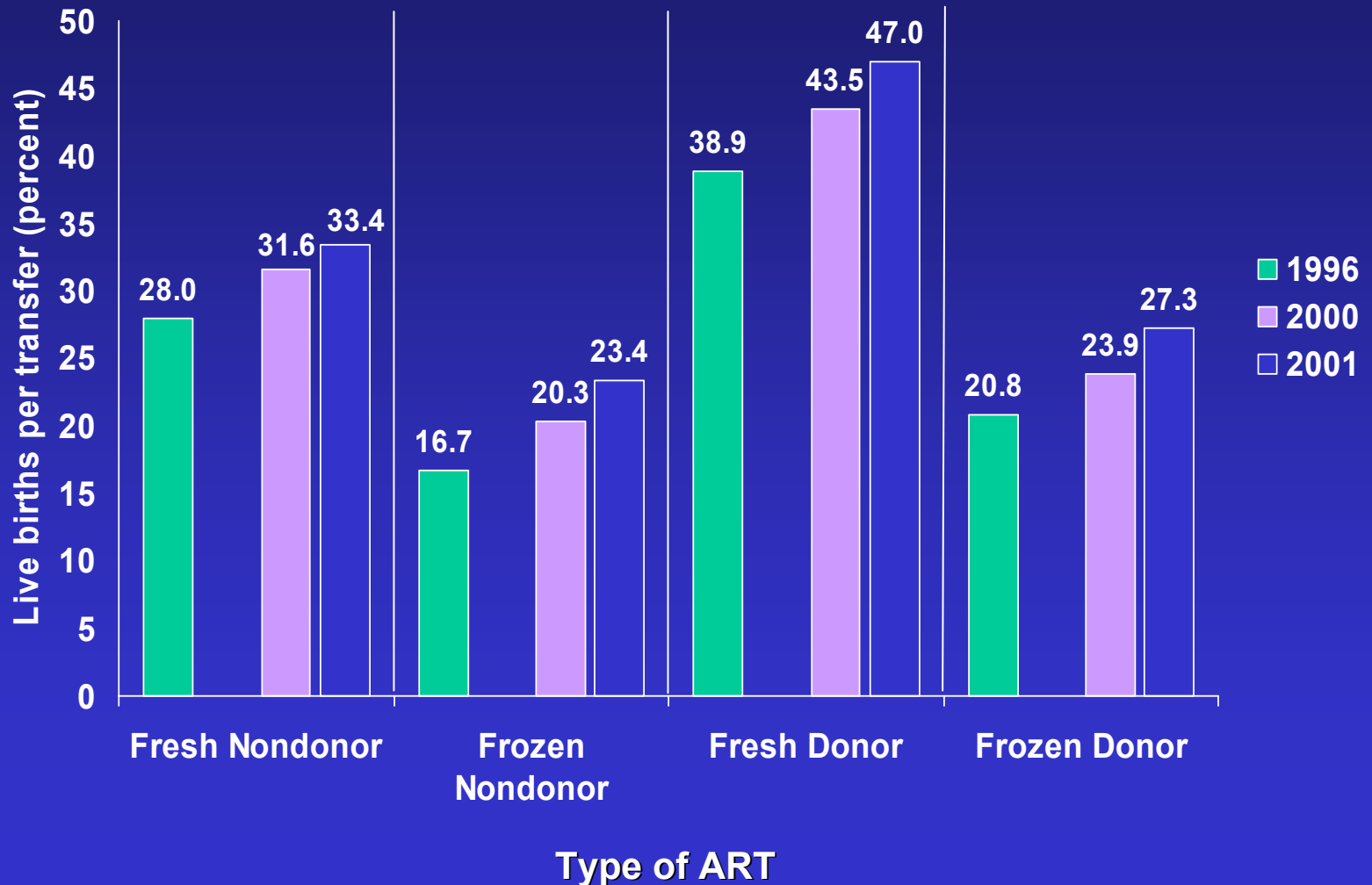


# Number of ART Cycles Performed, Number of Live-Birth Deliveries, and Number of Live Babies Born Using ART, 1996–2001

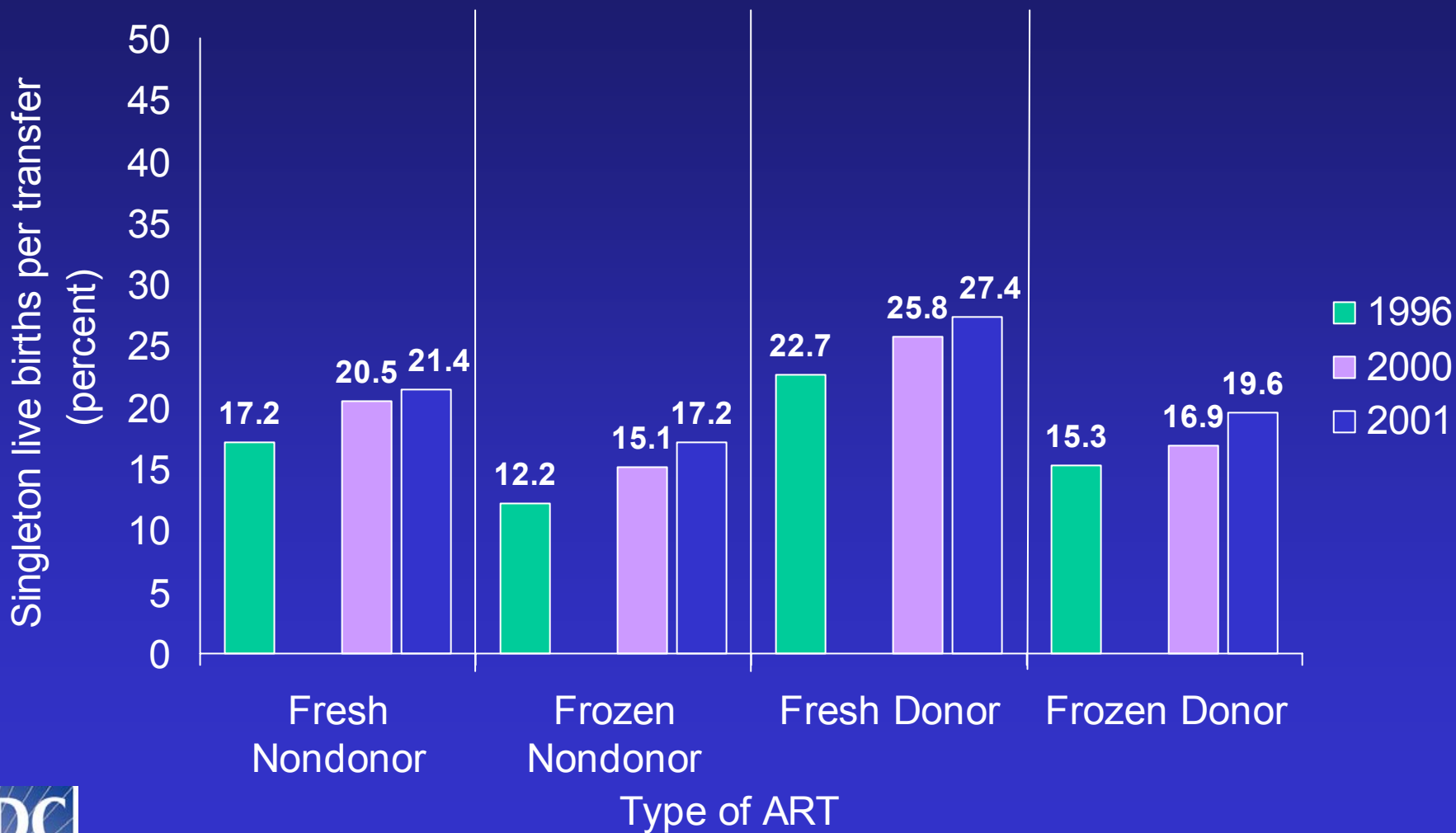




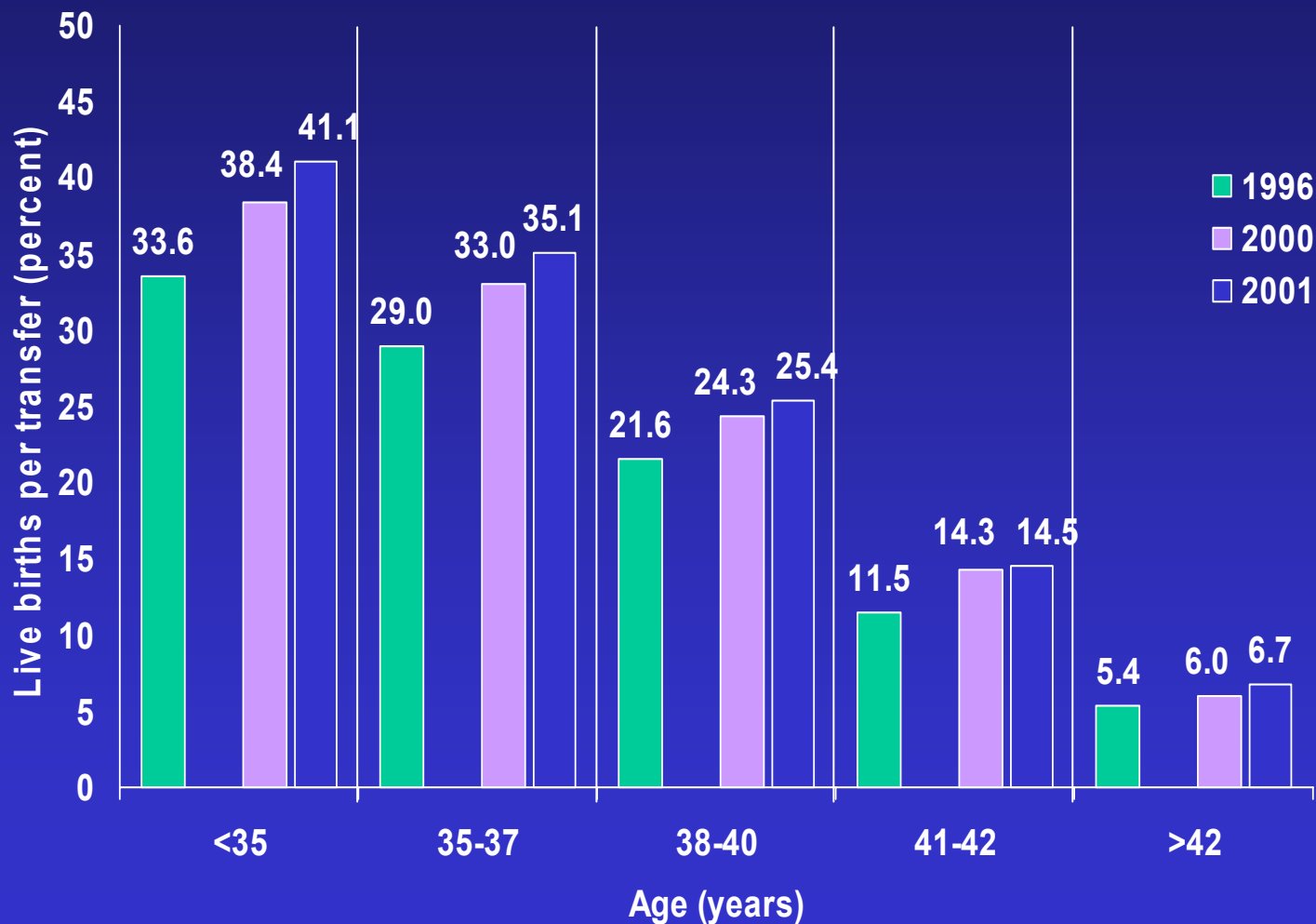
# Live Births per Transfer, by Type of ART Procedure, 1996, 2000 and 2001



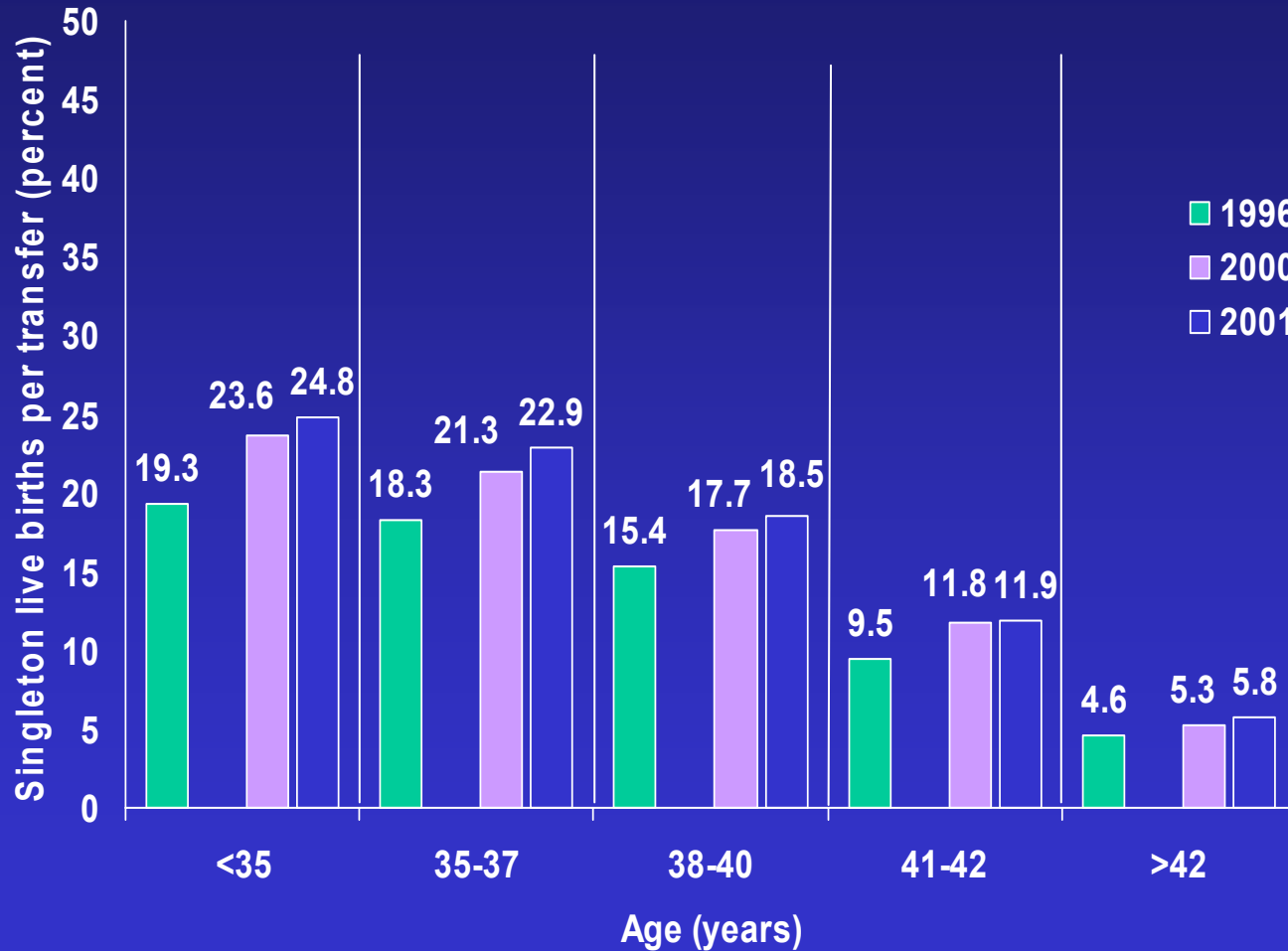
# Singleton Live Births per Transfer, by Type of ART Procedure, 1996, 2000 and 2001



# Live Births per Transfer for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Woman's Age, 1996, 2000 and 2001



# Singleton Live Births per Transfer for ART Cycles Using Fresh Nondonor Eggs or Embryos, by Woman's Age, 1996, 2000 and 2001



# Multiple Births per Live-Birth Delivery, by Type of ART Procedure, 1996, 2000 and 2001

