# Figures from the 2016 Assisted Reproductive Technology National Summary Report

# Locations of ART Clinics in the United States and Puerto Rico, 2016

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| Number of ART clinics in the United States in 2016 | 502 |
| Number of ART clinics that submitted data in 2016 | 463 |
| Total number of ART cycles started in 2016 at clinics reporting data | 263,577* |
| Number of live-birth deliveries resulting from all ART cycles started in 2016 | 65,996 |
| Number of infants born as a result of all ART cycles started in 2016 | 76,930 |

* Total includes 65,840 cycles with the intent to freeze all eggs or embryos and 934 cycles with the intent to fertilize previously frozen nondonor eggs and transfer resulting embryos. This does not include 2 cycles evaluating a new treatment procedure.

# Types of ART Cycles—United States,* 2016

* Total does not equal 100% due to rounding.

# ART Use by Age Group—United States,* 2016

* Based on 263,577 cycles.

# Types of ART Cycles by Age Group—United States,* 2016

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

† Total does 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, 2016

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# Percentages of ART Cycles Using Fresh Embryos from Frozen Nondonor or Donor Eggs That Resulted in Cancellations, Pregnancies, Live Births, and Single-Infant Live Births,* 2016

* Cycles using both nondonor and donor frozen eggs are excluded.

# Outcomes of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, by Stage, 2016

# Reasons ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs Were Canceled,* 2016

* Based on 10,128 ART cycles.

# Percentages of ART Cycles and Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, 2016

# Outcomes of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, 2016

# Outcomes of Pregnancies That Resulted from ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs,*† 2016

* Maternal deaths prior to birth are not displayed due to small number of cycles.
† Total does not equal 100% due to rounding.

# Distribution of Multiple-Fetus Pregnancies and Multiple-Infant Live Births Among ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, 2016

* Total does not equal 100% due to rounding.

# Percentages of Preterm Infants or Infants with Low Birth Weight from ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, by Number of Infants Born, 2016

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# Age Distribution of Women Who Had ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, 2016

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# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, by Age of Woman,* 2016

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

# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Pregnancies, Live Births, and Single-Infant Live Births Among Women Aged 40 or Older,* 2016

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

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# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Miscarriage, by Age of Woman, 2016

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# Outcomes of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, by Stage and Age Group, 2016

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# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs, by Type of Infertility Diagnosis,* 2016

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

# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births, by Type of Infertility Diagnosis, 2016

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# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births, by Age Group and Number of Previous Live Births, 2016

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# Percentages of ART Cycles Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births, by Age Group and History of Miscarriage, Among Women with No Previous Births,* 2016

* 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 Embryos from Fresh Nondonor Eggs That Resulted in Live Births, by Age Group and Number of Previous ART Cycles, Among Women with No Previous Live Births, 2016

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# Percentages of Fresh Nondonor Retrievals That Used ICSI,* 2016

* Cycles using GIFT are excluded.

# 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,* 2016

* Cycles using GIFT are excluded.

# Numbers of Embryos Transferred Among All Transfers Using Fresh Embryos from Fresh Nondonor Eggs,* 2016

* Total does not equal 100% due to rounding.

# Percentages of Embryos Transferred That Implanted Using Fresh Embryos from Fresh Nondonor Eggs, by Age Group, 2016

# Percentages of Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births of Single, Term, and Normal Birth Weight Infants, by Number of Embryos Transferred, 2016

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# Percentages of Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births and Distribution of Number of Infants Born, by Number of Embryos Transferred,* 2016

* 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.

† Total does not equal 100% due to rounding.

# Percentages of Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births and Distribution of Number of Infants Born Among Good-Prognosis Women, by Number of Embryos Transferred,* 2016

* 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.

† Total does not equal 100% due to rounding.

# Day of Embryo Transfer* Among Transfers Using Fresh Embryos from Fresh Nondonor Eggs,†‡ 2016

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

# Percentages of Day 3 and Day 5 Embryo Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births, by Age Group,* 2016

* 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.

# Numbers of Embryos Transferred on Day 3 and Day 5 Among Transfers Using Fresh Embryos from Fresh Nondonor Eggs,* 2016

* 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.

# Distribution of Number of Infants Born Among Day 3 and Day 5 Embryo Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births,* 2016

* 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.

# Percentages of Day 5 Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births and Distribution of Number of Infants Born Among Good-Prognosis Women, by Number of Embryos Transferred,* 2016

* 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.

† Total does not equal 100% due to rounding.

# Percentages of Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births Among ART Cycles That Used Gestational Carriers and Those That Did Not, by Age Group,* 2016

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

# Percentages of Embryos Transferred That Implanted Using Frozen Embryos from Nondonor Eggs, by Age Group, 2016

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# Percentages of Transfers Using Frozen or Fresh Embryos from Nondonor Eggs That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, 2016

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# Distribution of Multiple-Fetus Pregnancies and Multiple-Infant Live Births Among ART Cycles Using Frozen Embryos from Nondonor Eggs, 2016

# Percentages of ART Cycles Using Donor Eggs, by Age of Patient, 2016

# Percentages of Transfers Using Fresh Embryos from Fresh Donor or Fresh Nondonor Eggs That Resulted in Live Births, by Age of Woman, 2016

# Distribution of Multiple-Fetus Pregnancies and Multiple-Infant Live Births Among ART Cycles Using Fresh Embryos from Fresh Donor Eggs, 2016

A. 2,888 pregnancies*

B. 2,429 live births

* Total does not equal 100% due to rounding.

# Percentages of Transfers Using Donor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Single-Infant Live Births, 2016

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# Numbers of ART Cycles Performed, Live-Birth Deliveries, and Infants Born Using ART, 2007–2016

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# Numbers of ART Cycles Performed for Banking All Fresh Nondonor Eggs or Embryos, 2007–2016

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# Numbers of ART Cycles Using Donor Eggs, 2007–2016

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# Numbers and Percentages of Transfers Using Gestational Carriers, 2007–2016

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# Percentages of Retrievals Using Fresh Embryos from Fresh Donor or Fresh Nondonor Eggs That Used ICSI,* 2007–2016

* Cycles using GIFT are excluded.

# Percentages of Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Single-Infant Live Births, by Age Group, 2007–2016

# Percentages of Transfers of One, Two, Three, or Four or More Fresh Embryos from Fresh Nondonor Eggs, 2007–2016

* Totals do not equal 100% due to rounding.

# Percentages of Elective Single Embryo Transfer (eSET) Among All Transfers Using Fresh Embryos from Fresh Nondonor Eggs, by Age Group,* 2007–2016

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

# Percentages of Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births, by Number of Embryos Transferred, 2007–2016

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# Percentages of Live Births Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Multiple Infants Born, by Age Group, 2007–2016

# Percentages of Single Infants, Twins, and Triplets or More Among ART Transfers Using Fresh Embryos from Fresh Nondonor Eggs That Resulted in Live Births, 2007–2016

* Totals do not equal 100% due to rounding.

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