

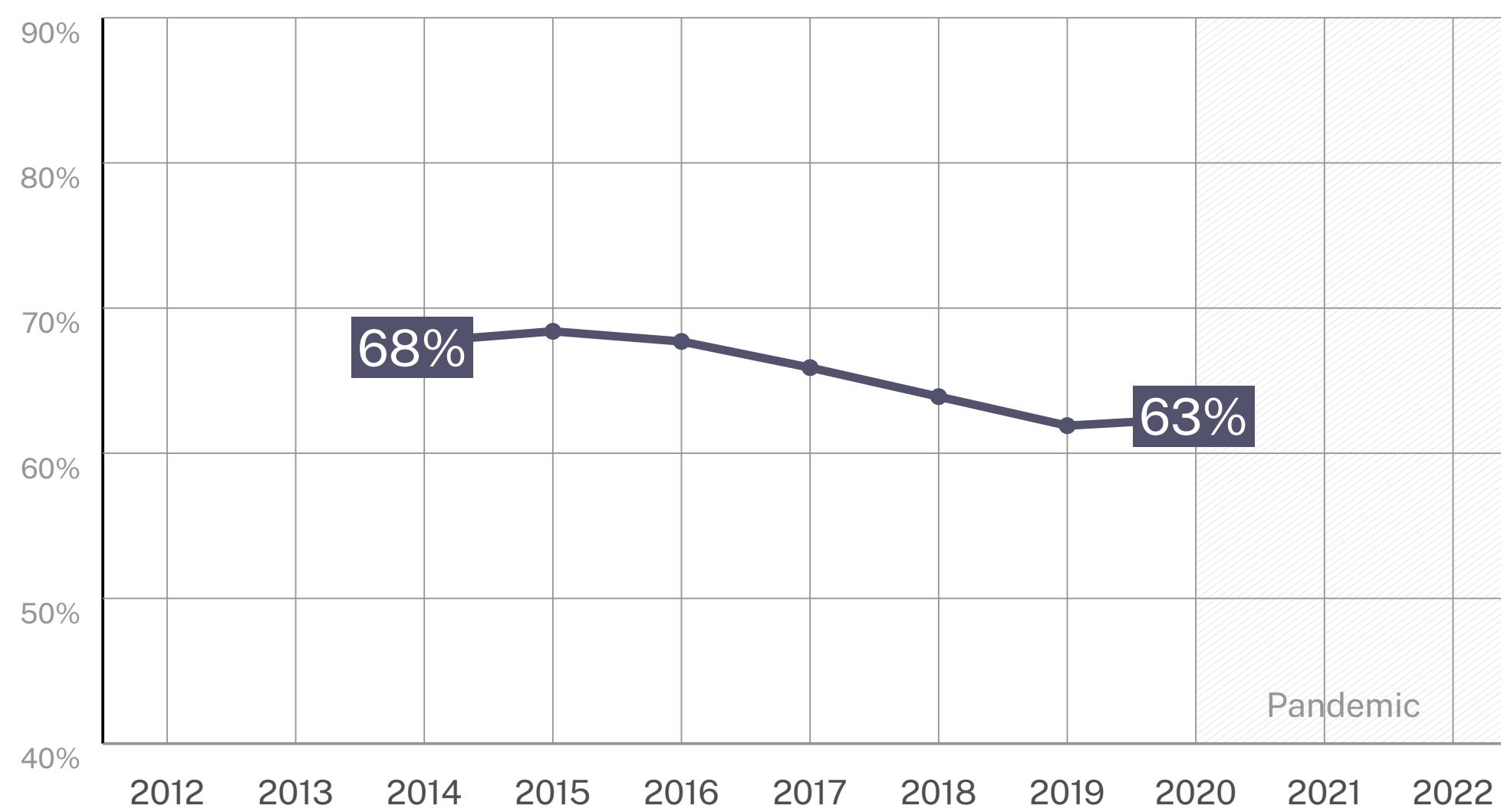
# Indicators For Healthy & Welcomed Births

Women who were less likely to receive early care:

- Other Pacific Islander, Samoan, Hispanic, or Hawaiian
- Younger in age
- Less educated
- Unmarried
- Uninsured or had Medicaid/QUEST insurance

hhdw.org

## Early Prenatal Care



Share of pregnant women receiving prenatal care in the first three months of pregnancy

Hawai'i State Department of Health, Hawai'i Health Data Warehouse, Vital Statistics Birth Data. "Percent with Prenatal Care in the First Trimester by Year, 2014-2020." Hawai'i-IBIS [ibis.hhdw.org](http://ibis.hhdw.org)

11.5%

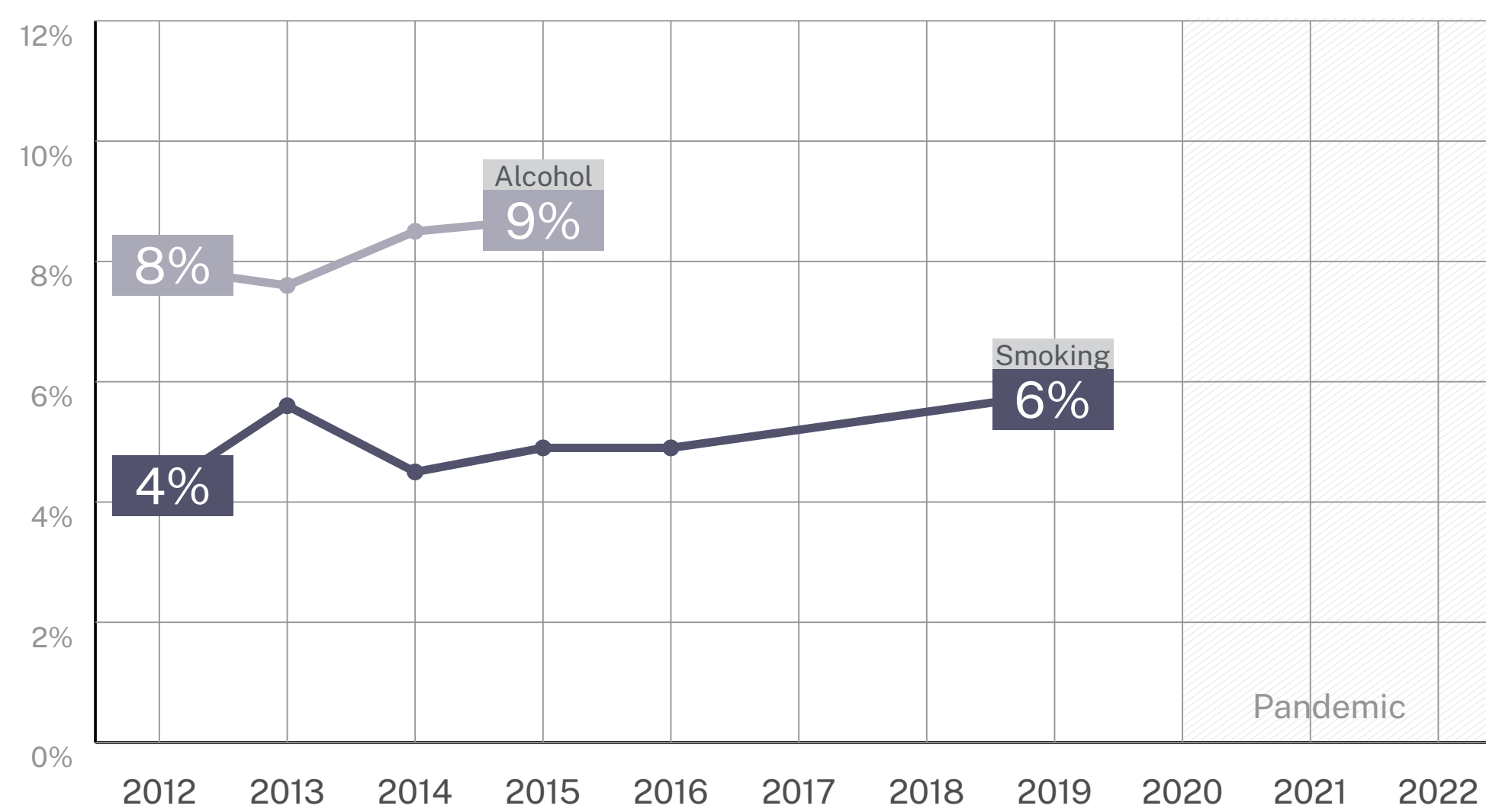
2012-2015  
Kauai County

Kauai County residents were most likely to report alcohol use during pregnancy at 11.5%

Which was significantly higher than the state overall rate of 8.2%.

2012-2015

## Risk Behaviors During Pregnancy



Share of live births to women reporting any alcohol consumption / any cigarette smoking during the last three months of pregnancy

Centers for Disease Control and Prevention, Pregnancy Risk Assessment Monitoring System. [www.marchofdimes.org/peristats](http://www.marchofdimes.org/peristats)

12.1%

2012-2015  
White mothers

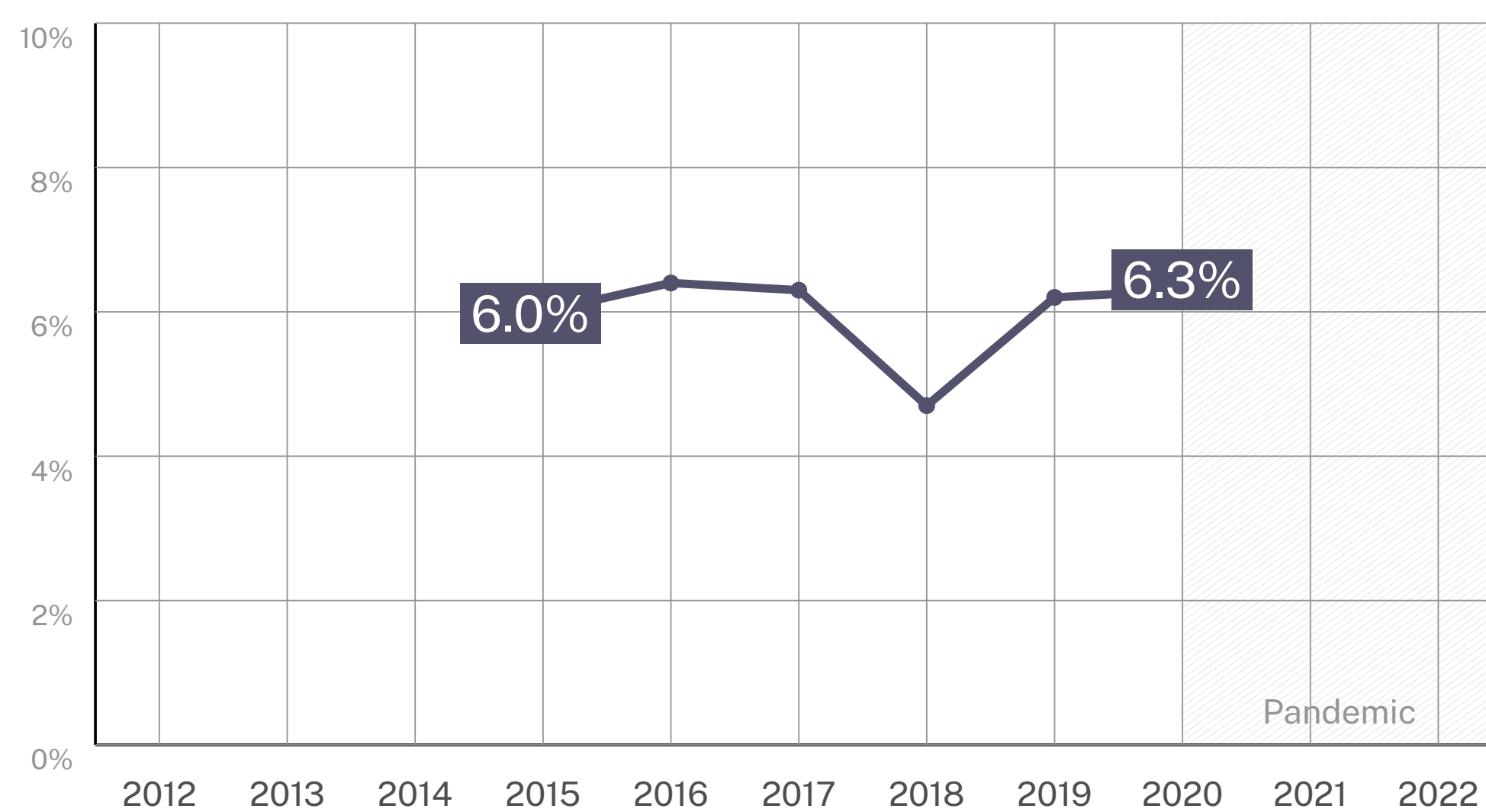
White mothers were significantly more likely to report alcohol use during pregnancy.

- Chinese (9.5%)
- Other Asian (8.2%)
- Native Hawaiian (7.4%)
- Filipino (6.6%)
- All Others (6.8%)
- Japanese (5.5%)

These estimates were not significantly different from each other or the state overall. Estimates for Black, Samoan, and Other Pacific Islander mothers could not be reported due to small sample size.

State of Hawaii PRAMS Report 2009-2015

## NICU Admissions



Share of live births

Family Health Services Division, Office of Health Status Monitoring, Department of Health, State of Hawaii

Rates of NICU admission are highest among mothers who are African American, Filipino, and Other Pacific Islanders.

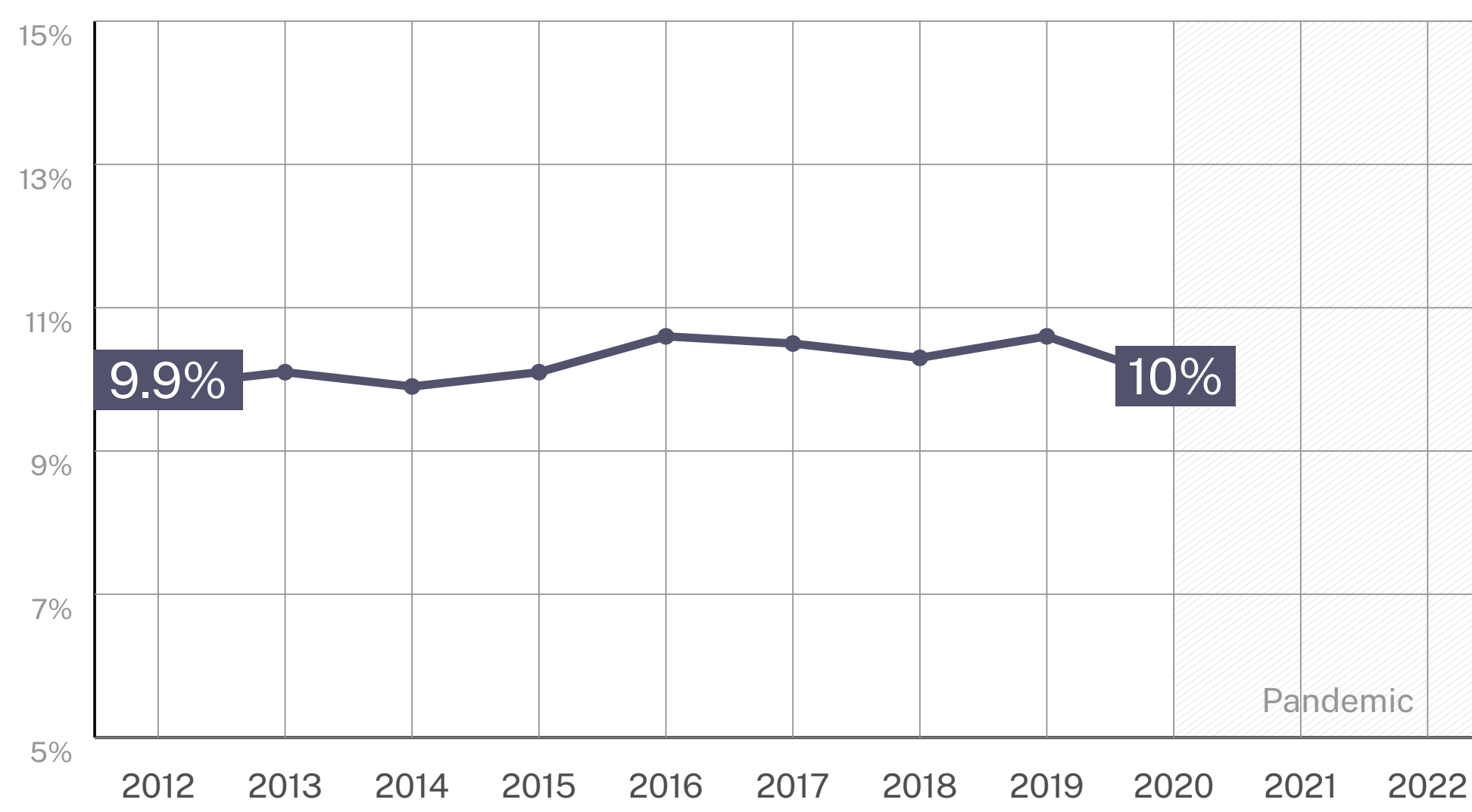
[www.marchofdimes.org/peristats](http://www.marchofdimes.org/peristats)



# Indicators For Healthy & Welcomed Births



### Preterm Births



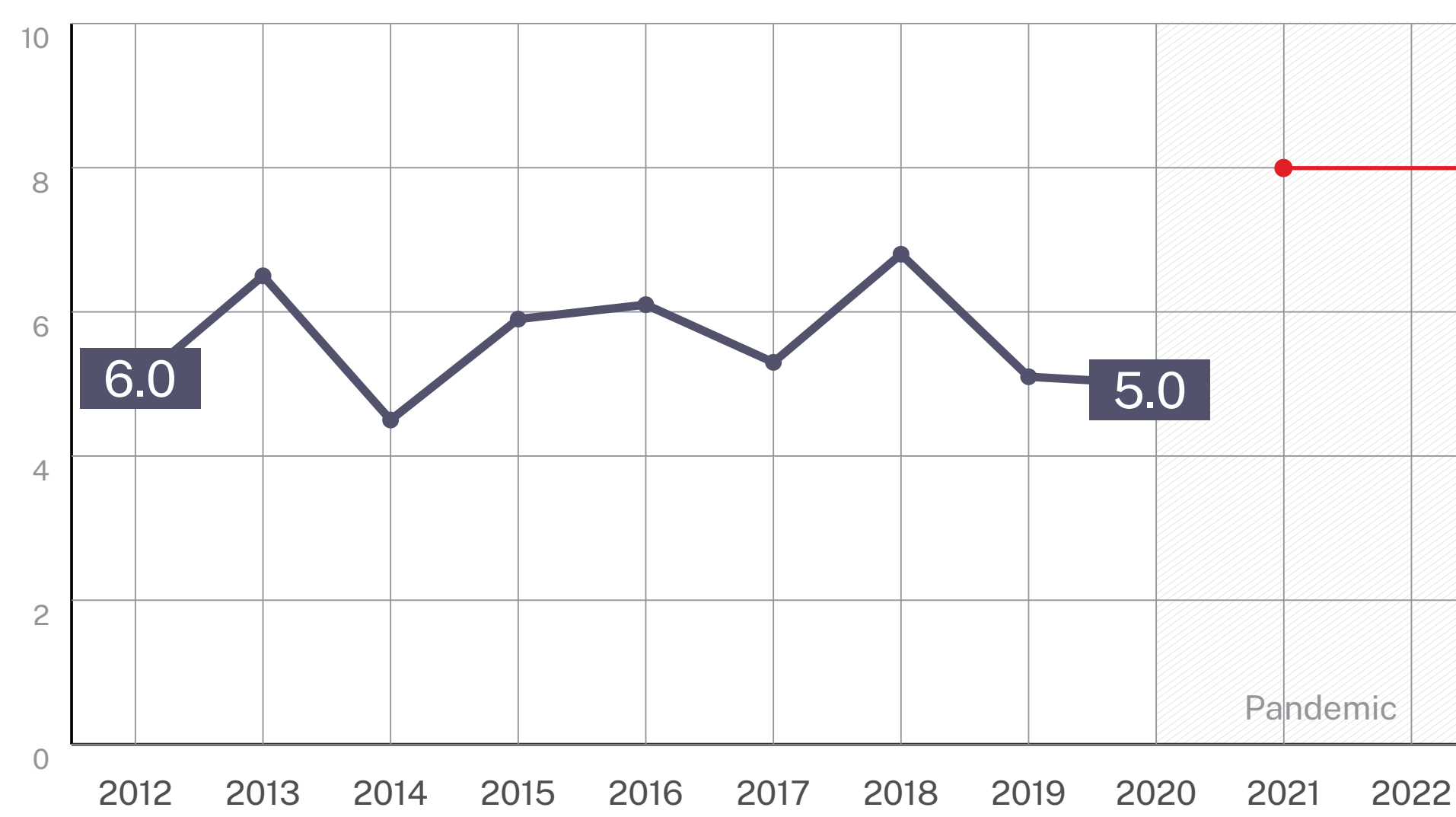
Share of live births that are preterm  
Preterm birth is defined as a live birth before 37 completed weeks gestation

National Center for Health Statistics, PERISTAT.  
[www.marchofdimes.org/peristats](http://www.marchofdimes.org/peristats)

In 2019, the infant mortality rate for Black / African American mothers was 20.7 per 1,000 live births.

National Center for Health Statistics, period linked birth/infant death data.  
[www.marchofdimes.org/peristats](http://www.marchofdimes.org/peristats)

### Infant Mortality



Rate per 1,000 live births

Infant mortality is defined as death occurring during the first year of life and is an important summary reflecting social, political, health care delivery and medical outcomes in a geographic area.  
[www.hawaiihealthmatters.org](http://www.hawaiihealthmatters.org)

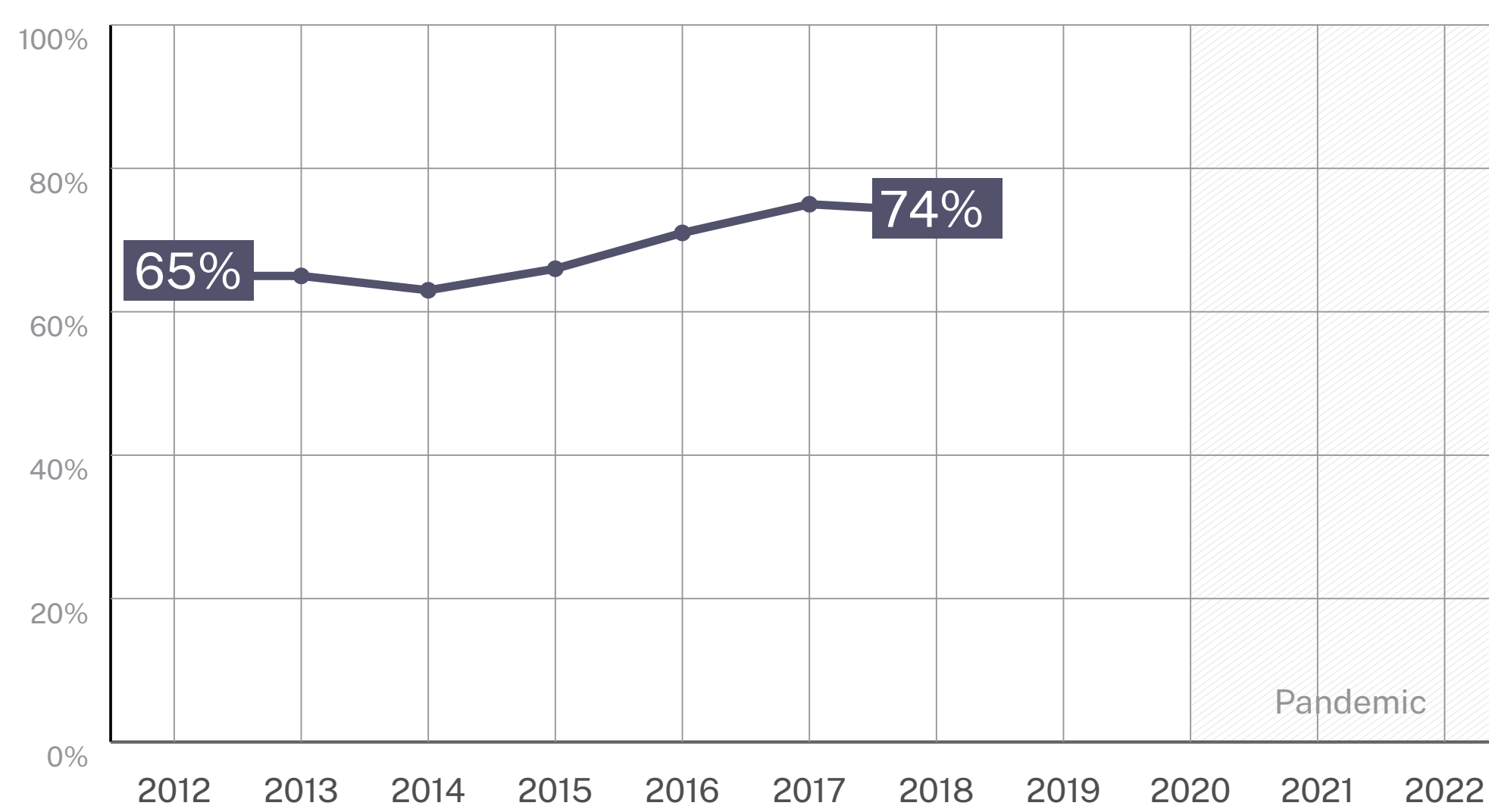
20.7  
Black/African American

7.0  
Native Hawaiians

In 2019, the infant mortality rate for Native Hawaiians was 7 per 1,000 live births.

Hawaii Health Matters, Department of Health  
[www.hawaiihealthmatters.org](http://www.hawaiihealthmatters.org)

### Breastfeeding



15.5%  
Increase 2012-2018

Share of infants who were breastfed at 6 months

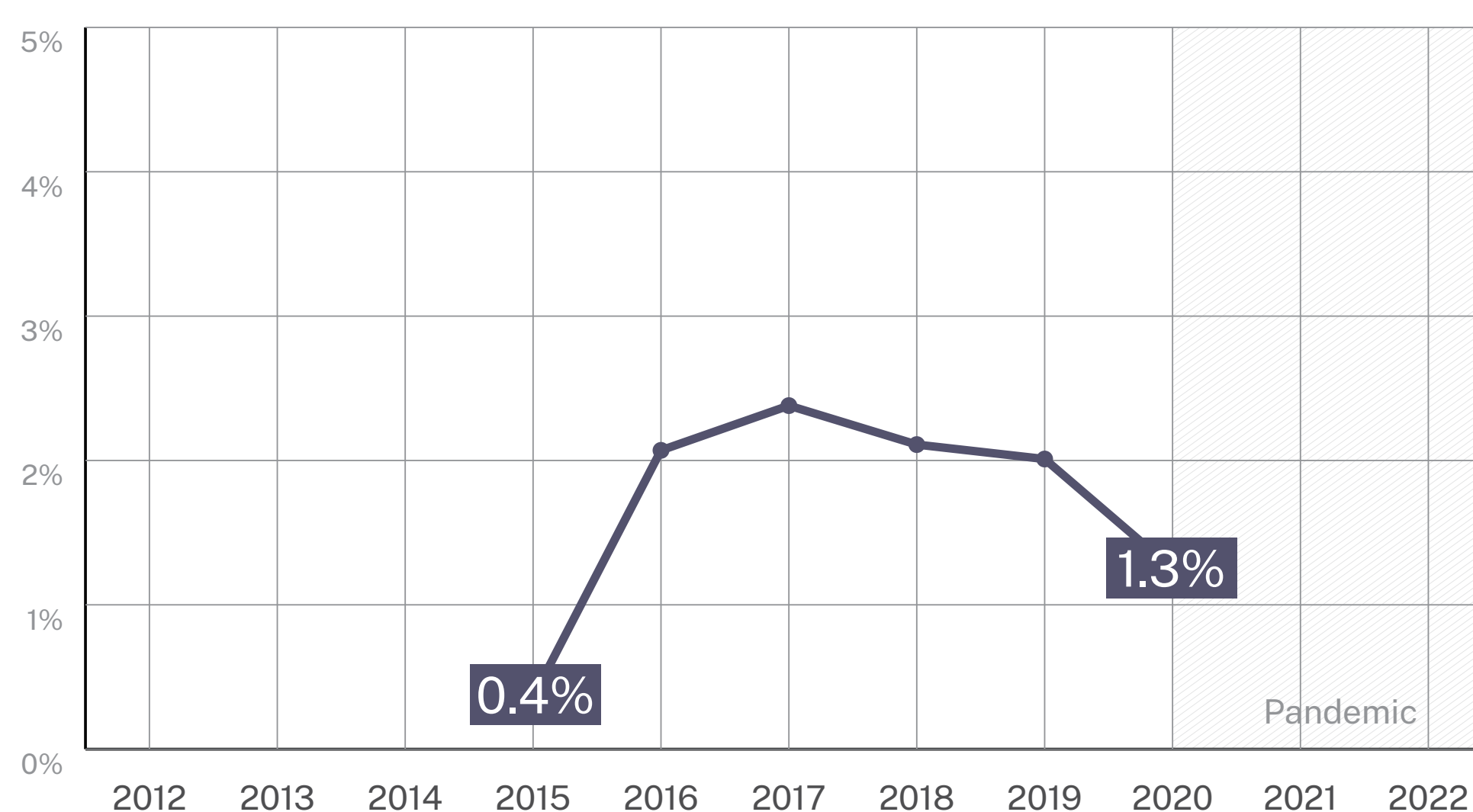
National Immunization Survey. Maintained by Hawaii Department of Health.  
[www.hawaiihealthmatters.org](http://www.hawaiihealthmatters.org)

Rates of breastfeeding are lowest among

- Native Hawaiians
- Mothers ages 24 and younger
- Women below the poverty level

Exploring Challenges and Opportunities for Breastfeeding in Hawai'i During the COVID-19 Pandemic. Hawaii Journal of Health and Social Welfare. 2021 Oct  
[www.ncbi.nlm.nih.gov/pmc](http://www.ncbi.nlm.nih.gov/pmc)

### Home Visiting

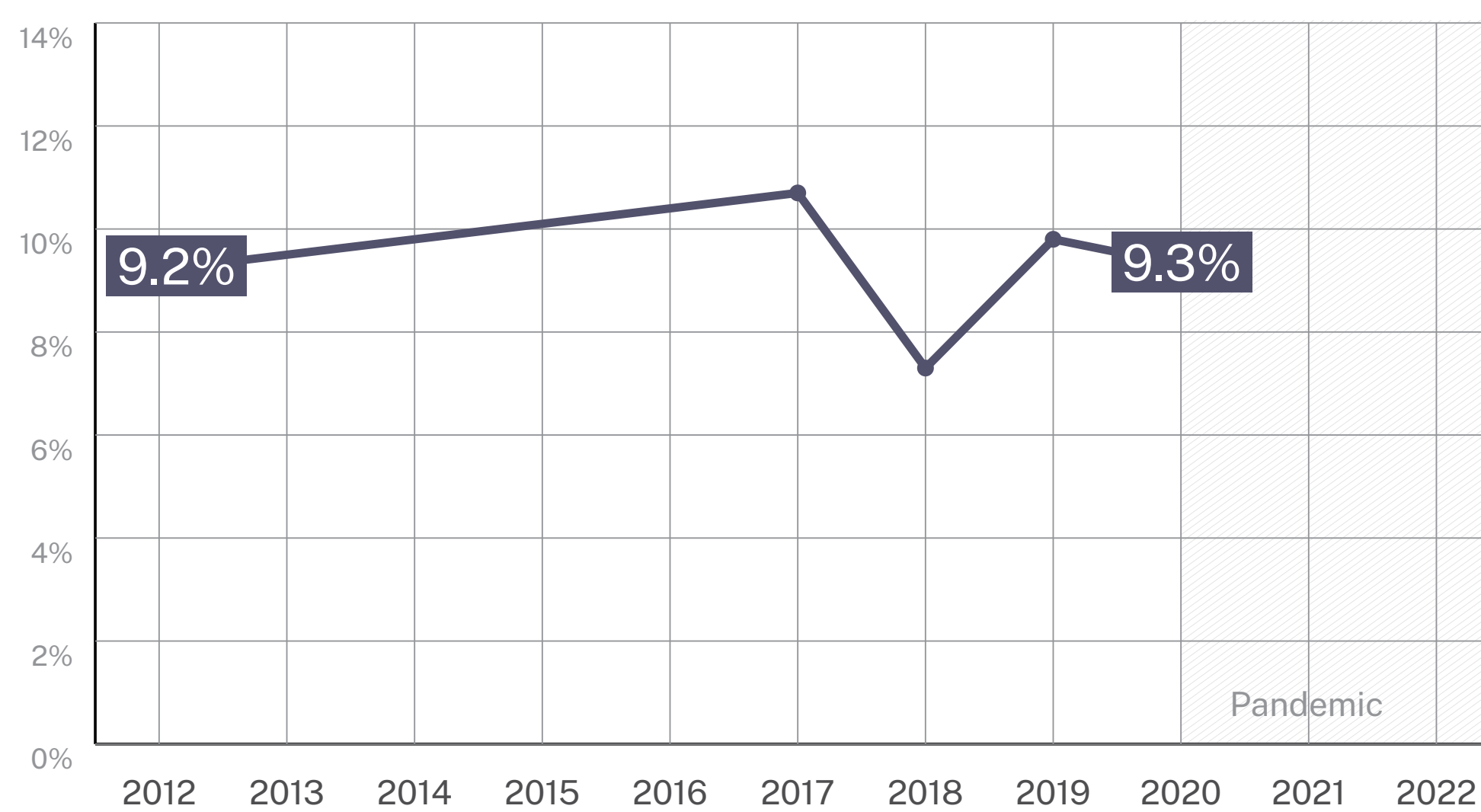


Share of families who received a home visit one or more times when a new baby was born

Hawaii Home Visiting Annual Reports

# Indicators For Safe & Nurturing Families

## Adverse Childhood Experiences (ACEs)



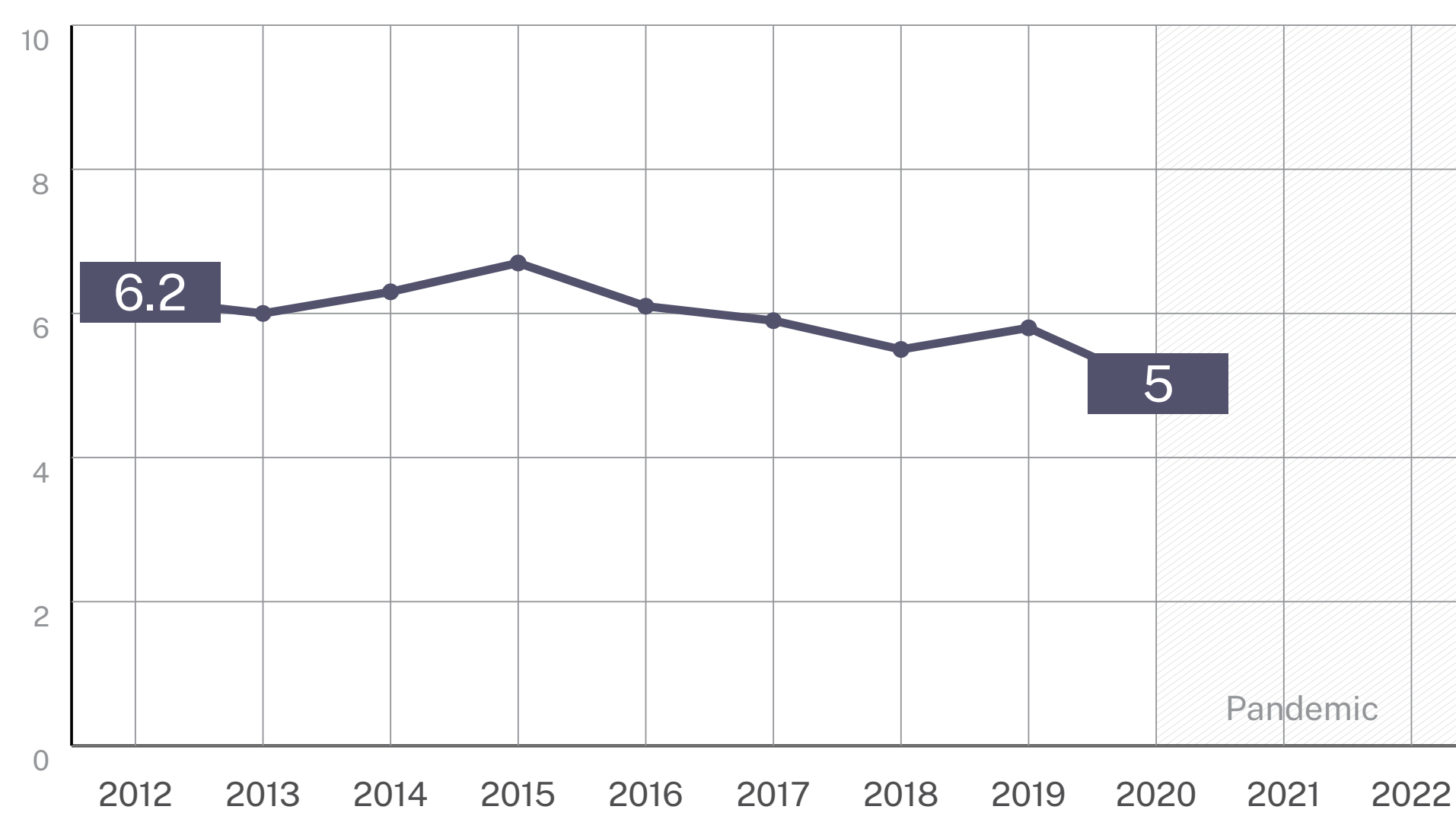
### Share of children (Age 0-5) who have experienced 2 or more ACEs

Child and Adolescent Health Measurement Initiative. National Survey of Children's Health (NSCH) data query. Data Resource Center for Child and Adolescent Health supported by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). [www.childhealthdata.org](http://www.childhealthdata.org)

### List of ACEs

1. Hard to cover basics on family's income
2. Parent or guardian divorced or separated
3. Parent or guardian died
4. Parent or guardian served time in jail
5. Saw or heard parents or adults slap, hit, kick punch one another in the home
6. Was a victim of violence or witnessed violence in neighborhood
7. Lived with anyone who was mentally ill, suicidal, or severely depressed
8. Lived with anyone who had a problem with alcohol or drugs
9. Treated or judged unfairly due to race/ethnicity

## Child Abuse & Neglect



### Rate per 1,000 children (Age 0-5)

Rates are calculated using the number of child abuse cases reported by the Hawaii State Department of Human Services and estimates for the total population provided by the National Center of Health Statistics. The data sources are as follows: Hawaii State Department of Human Services. "A Statistical Report on Child Abuse and Neglect in Hawaii," various years. Audit, Quality Control, and Research Office. National Center for Health Statistics (NCHS). Ages 0 to 85 years and over. Reported by Kids Count Data Center.

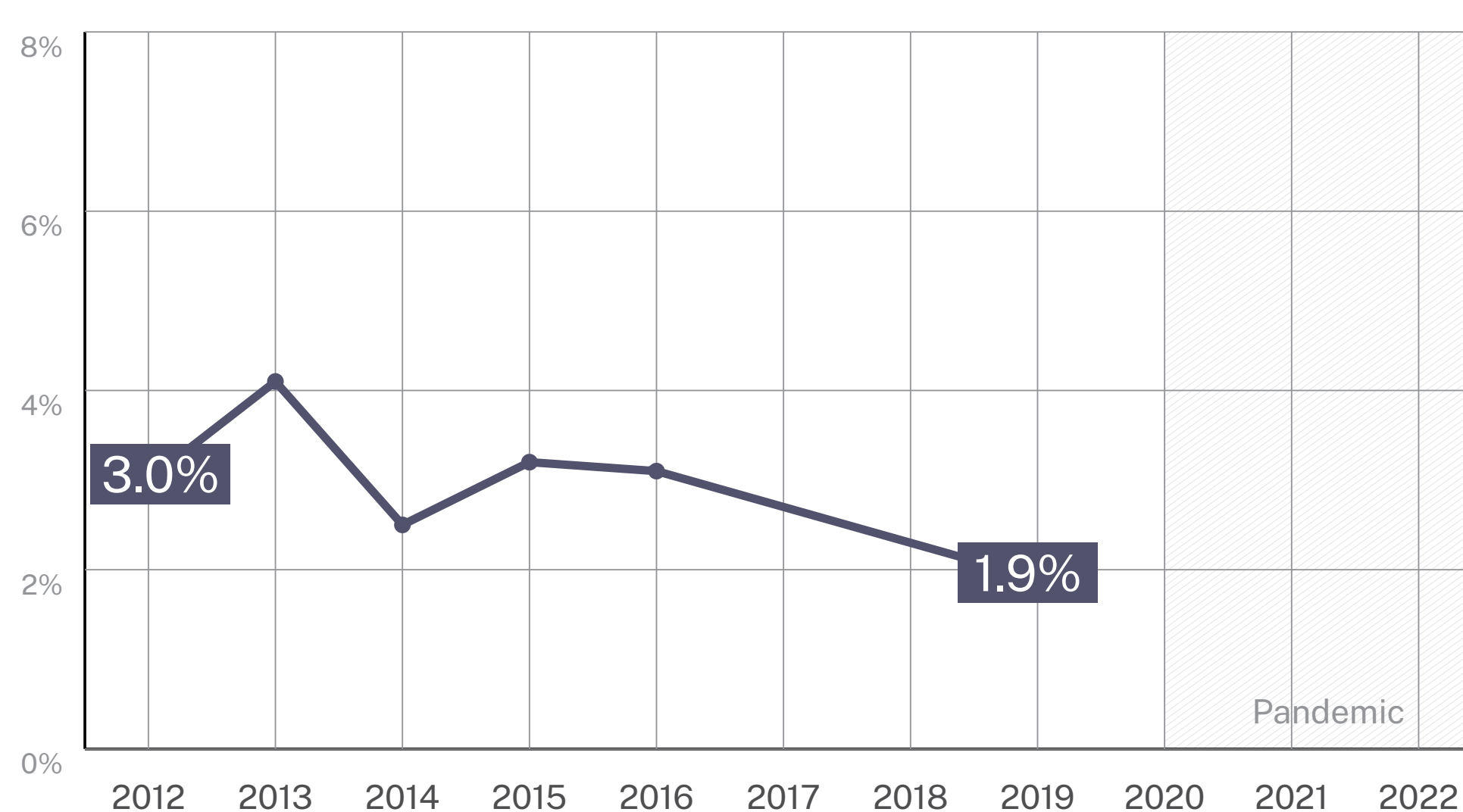
Children under age 1 are more than twice as likely as older children to be victims of CAN.

State of Hawaii, Department of Human Services, Databook. December 2020.

In 2020, 40% of child victims were Hawaiian or part-Hawaiian.

Early Childhood Action Strategy. 2022. The pandemic created a perfect storm for rising rates of family violence in Hawaii.

## Intimate Partner Violence



### Share of pregnant women who experienced Intimate Partner Violence during the 12 months before pregnancy

By a husband or partner and/or an ex-husband or partner. Pregnancy Risk Assessment Monitoring System (PRAMS)

Among young women (Age 18-29) rates of IPV are 55% higher for Native Hawaiians than among non-Hawaiian women.

Higher rates of family violence among Native Hawaiians cannot be divorced from oppressive external conditions such as colonization, denial of self-determination, racialized systems and structures, and economic stress.

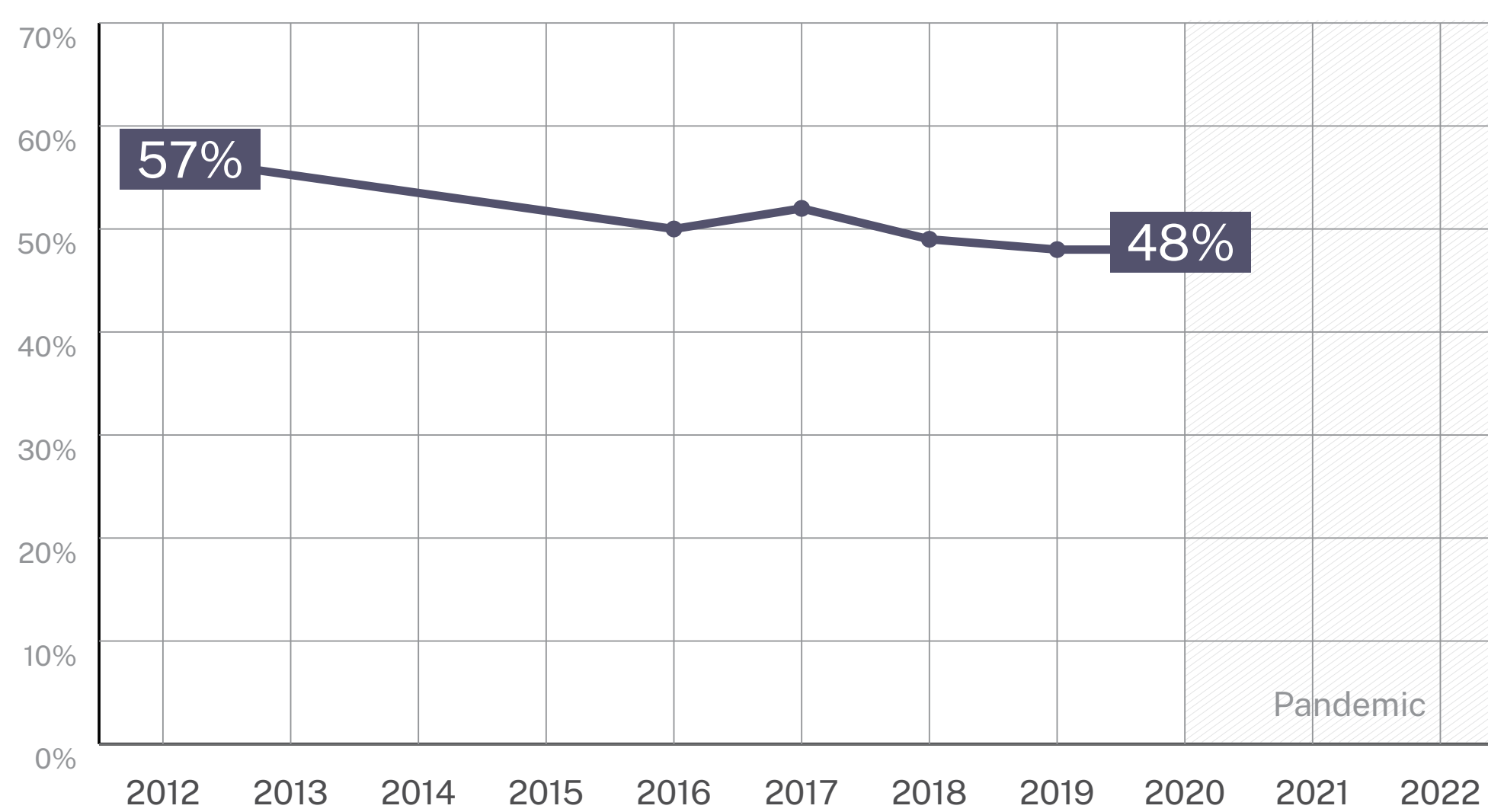
Office of Hawaiian Affairs. N.d. Issue Brief: Covid-19 and Native Hawaiian Communities: Native Hawaiians Over-Represented in COVID-19 At-Risk Populations



# Indicators For On-track Health & Development



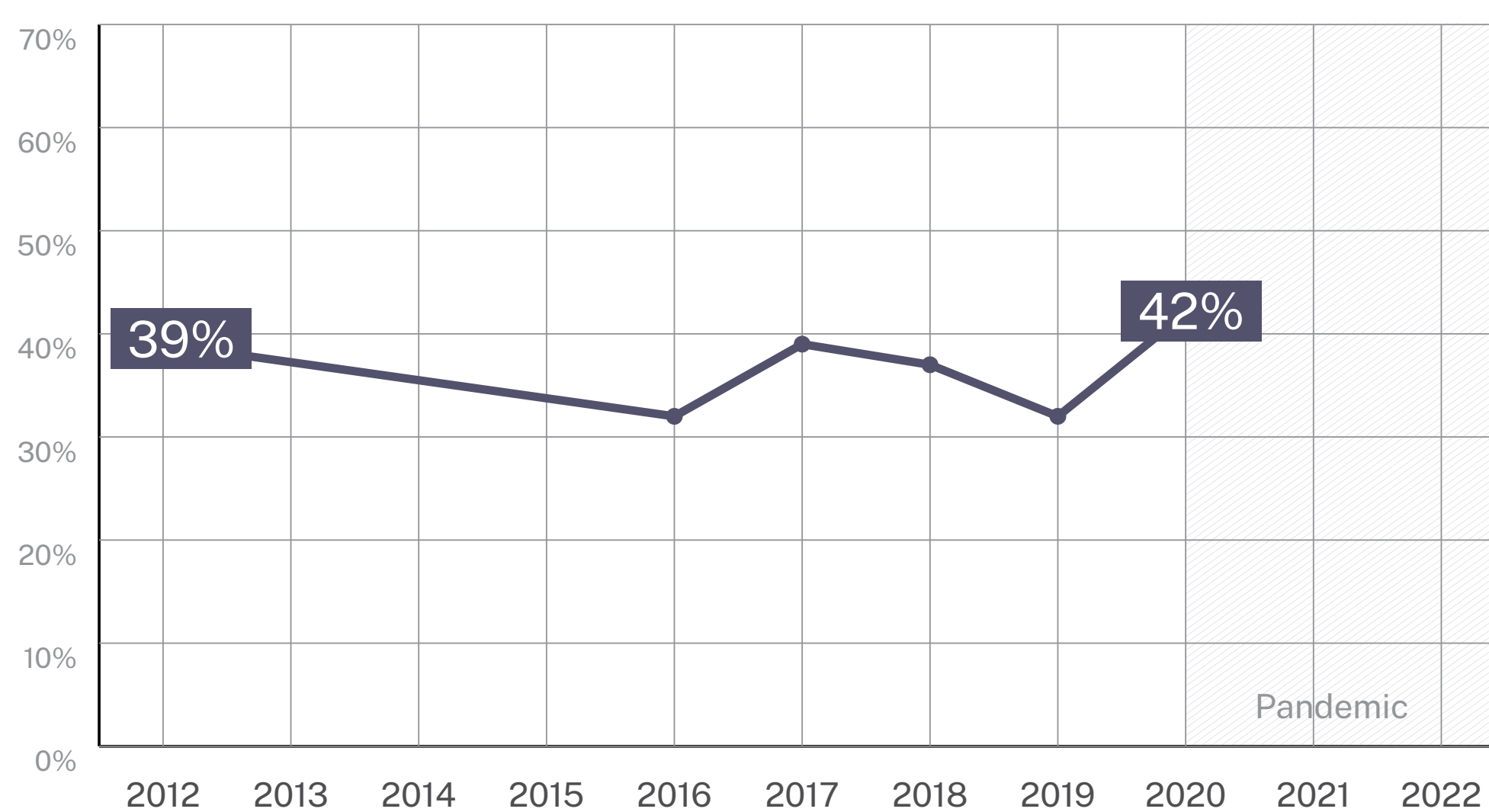
## Medical Home



### Share of children (Age 0-5) having a medical home

To qualify as having a Medical Home, children must have access to a personal doctor or nurse, have a usual source for care, and receive family-centered care. Child and Adolescent Health Measurement Initiative. National Survey of Children's Health (NSCH) data query. Data Resource Center for Child and Adolescent Health supported by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). [www.childhealthdata.org](http://www.childhealthdata.org)

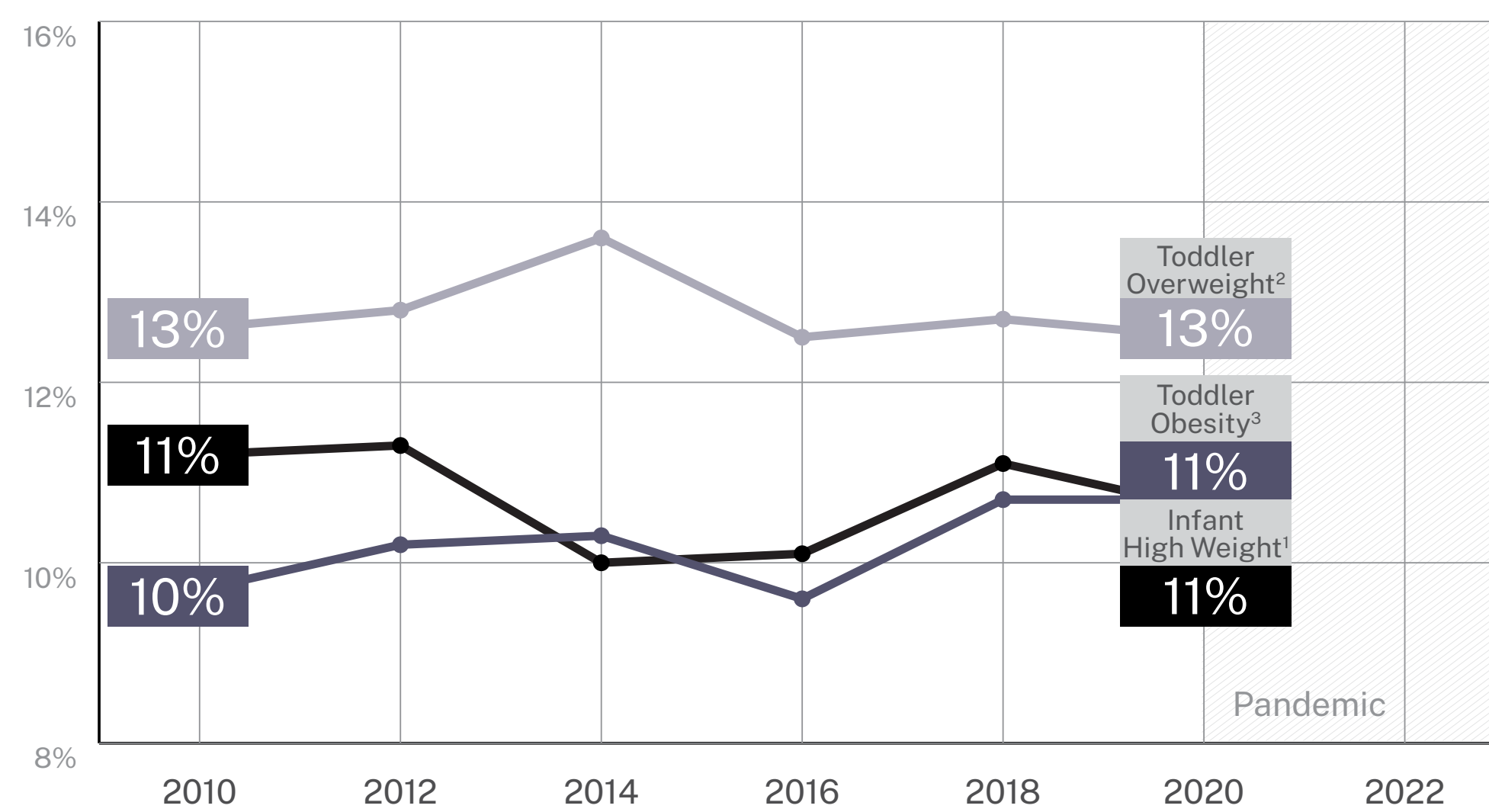
## Developmental Screening



### Share of children (Age 9-35 months) who received a standardized developmental, behavioral and social screening

using a parent-reported, standardized screening tool or instrument. Child and Adolescent Health Measurement Initiative. National Survey of Children's Health (NSCH) data query. Data Resource Center for Child and Adolescent Health supported by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB). [www.childhealthdata.org](http://www.childhealthdata.org)

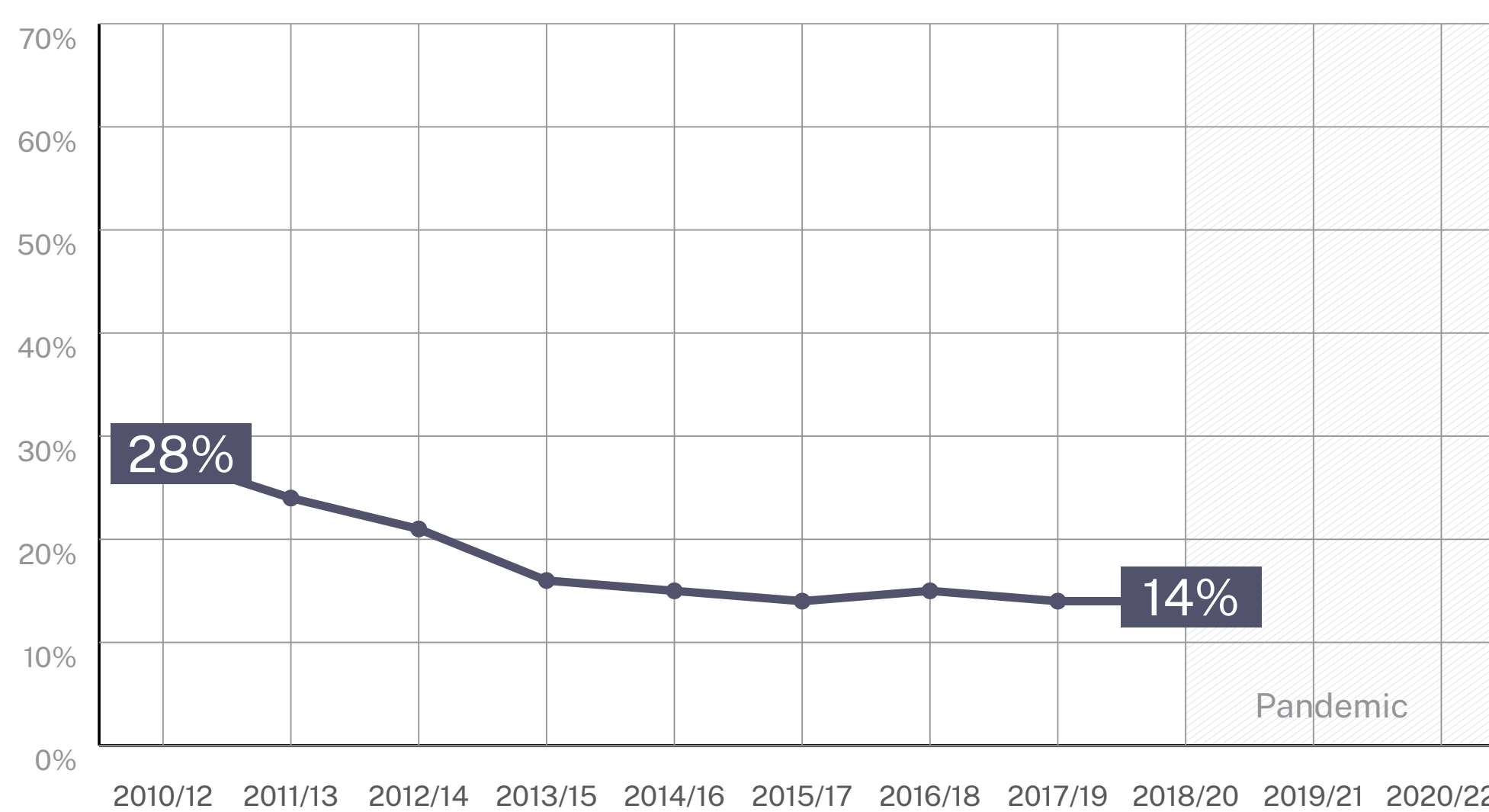
## Early Childhood Obesity



### Share of children in the Women, Infant and Children Supplemental Feeding Program (WIC)

(1) Infant with a high weight-for-length classification (Ages 3-23 months)  
 (2) Toddler with overweight classification (Ages 2-4)  
 (3) Toddler with obesity classification (Ages 2-4)  
 Obesity Among Young Children Enrolled in WIC. [nccd.cdc.gov](http://nccd.cdc.gov)

## Food Insecurity



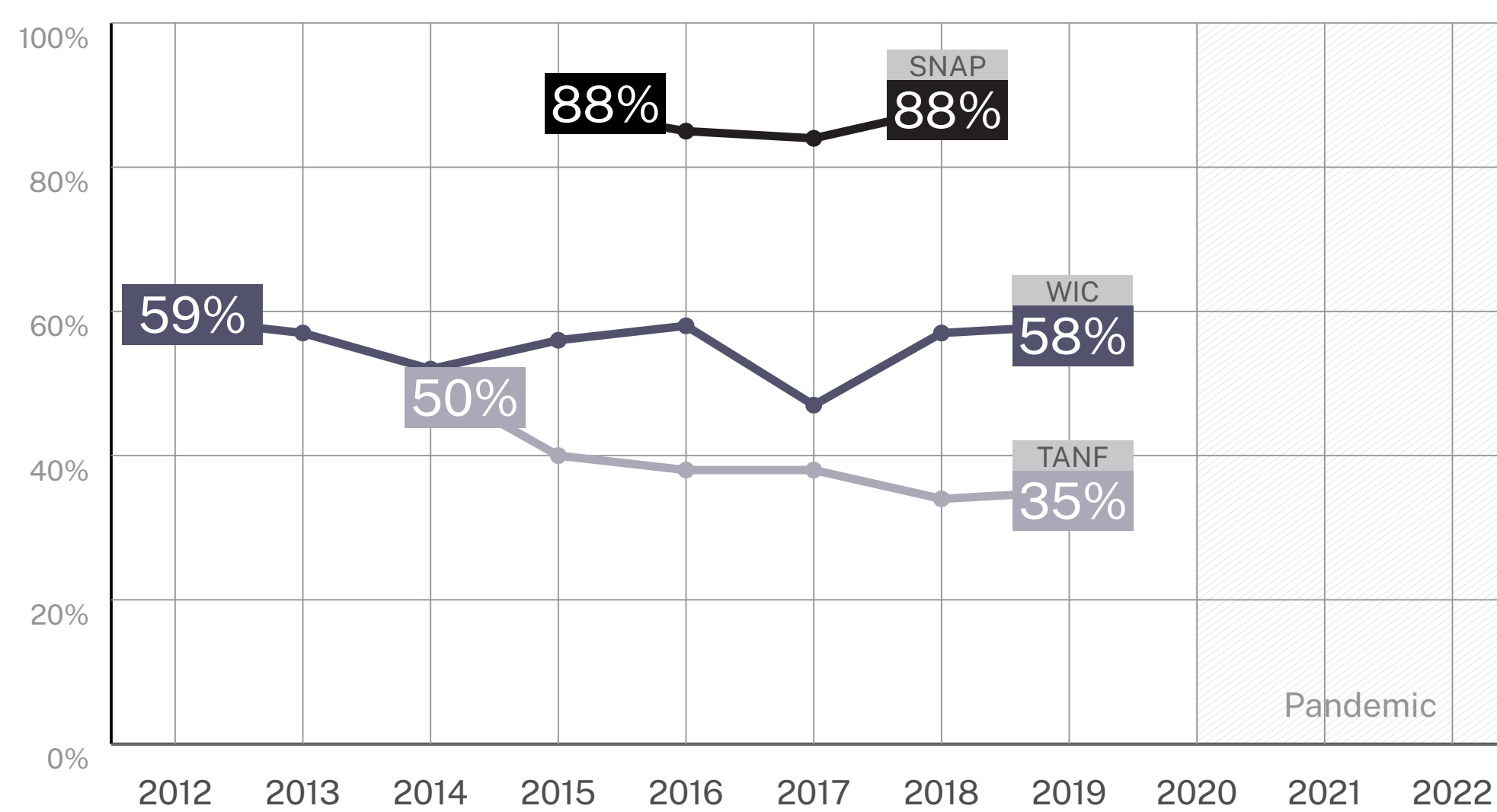
### Share of children (Age 0-18) living in households that were food insecure at some point during the year

2001-2021 Current Population Survey, Food Security Supplement. Estimates represent a three-year average. [www.health.gov](http://www.health.gov)

Children from food-insecure households have higher body mass index, waist circumference, and greater odds of being classified as overweight or obese. Food insecurity is associated with increased risks of some birth defects, anemia, lower nutrient intakes, cognitive problems, and aggression and anxiety.

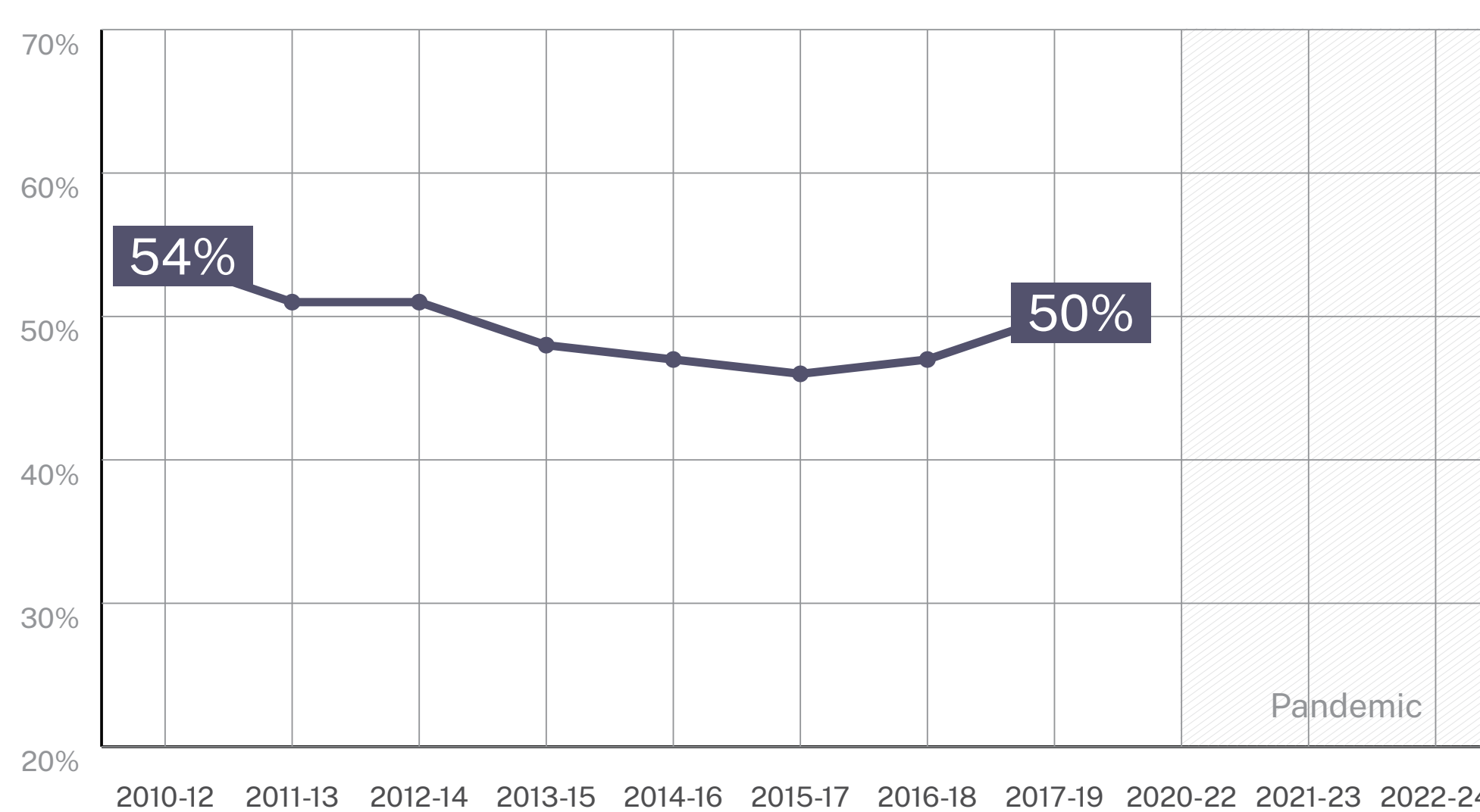
# Indicators For Equitable Access to Programs & Services

## Public Assistance Access



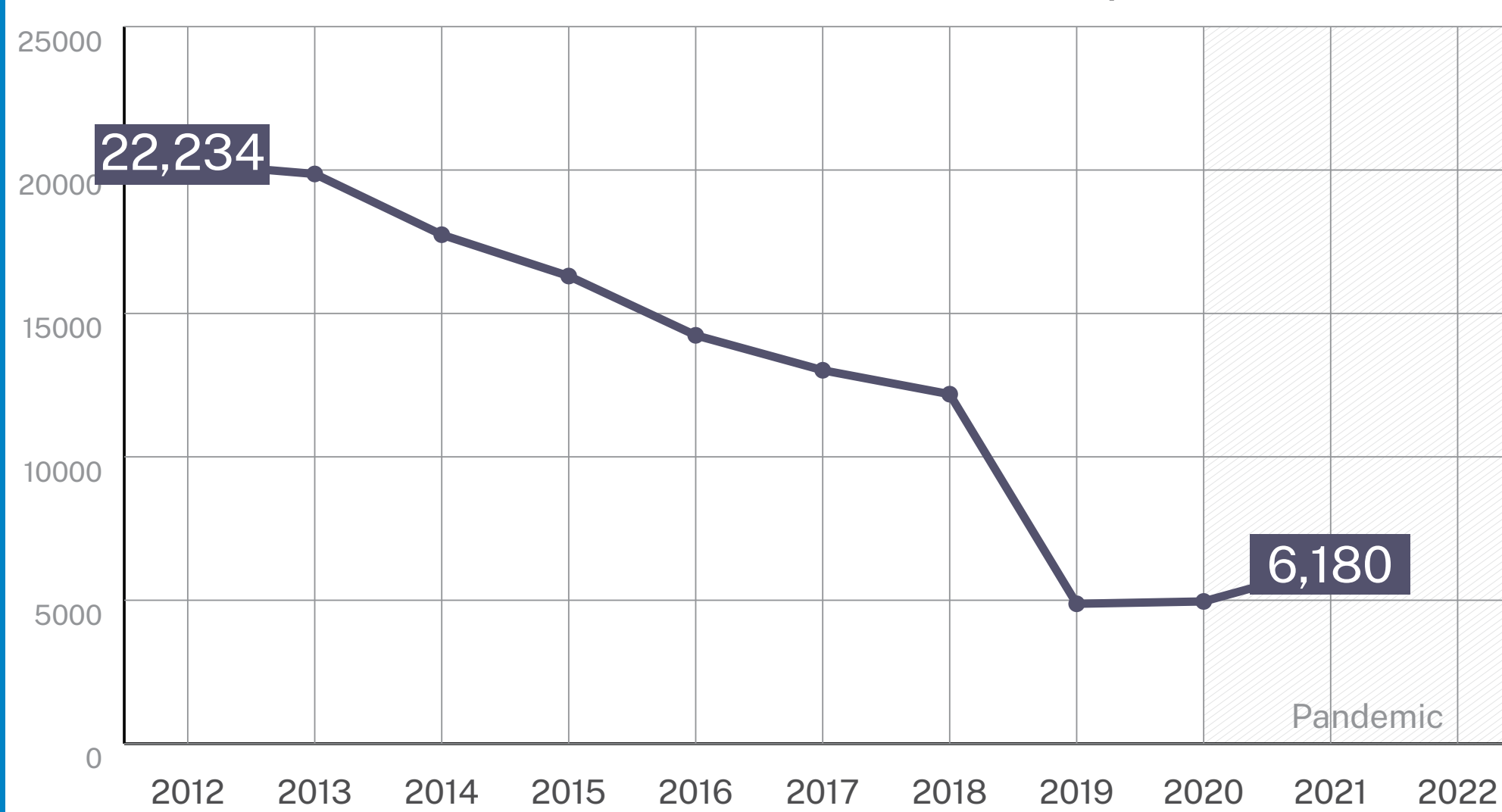
Share of families meeting eligibility criteria that are participating in key family support programs  
 WIC & SNAP [www.fns.usda.gov](http://www.fns.usda.gov)  
 TANF [www.cbpp.org](http://www.cbpp.org)  
 DHS Data Book [humanservices.hawaii.gov](http://humanservices.hawaii.gov)

## Preschool Attendance



Share of children (Age 3-4) enrolled in nursery school, preschool or kindergarten, during the previous three months  
 Population Reference Bureau, analysis of data from the U.S. Census Bureau, pooled American Community Survey data.  
 Data derived from American Community Survey table B14003

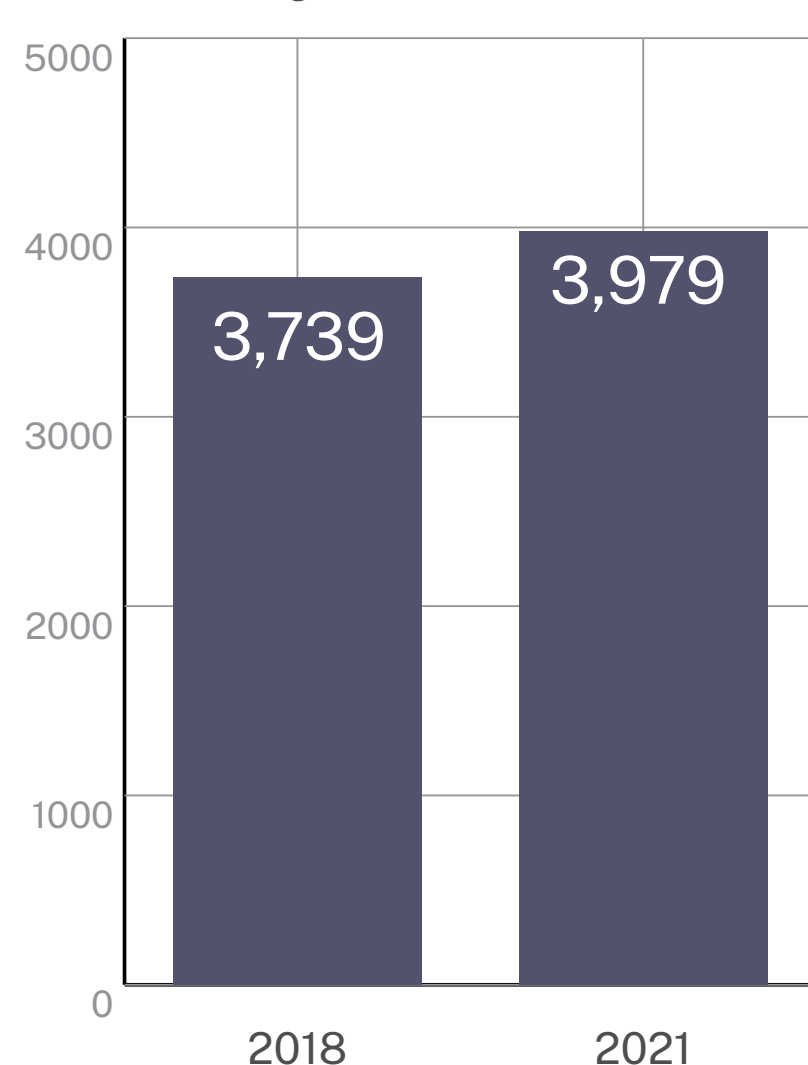
## Child Care Subsidies Recipients



Number of children whose families receive child care subsidies  
 Including Preschool Open Doors (State Funding) and Child Care Connection Hawaii (U.S. government funding)  
 State of Hawaii, Department of Human Services, Annual Report, Department of Human Services, [humanservices.hawaii.gov](http://humanservices.hawaii.gov)  
 2021 Data: Personal correspondence from Dayna Luka to Jeff Larson on October 4, 2021.

While the number of families receiving child care subsidies has fallen, the amount families are receiving has risen to cover a larger share of child care costs.

## Publicly Funded Seats

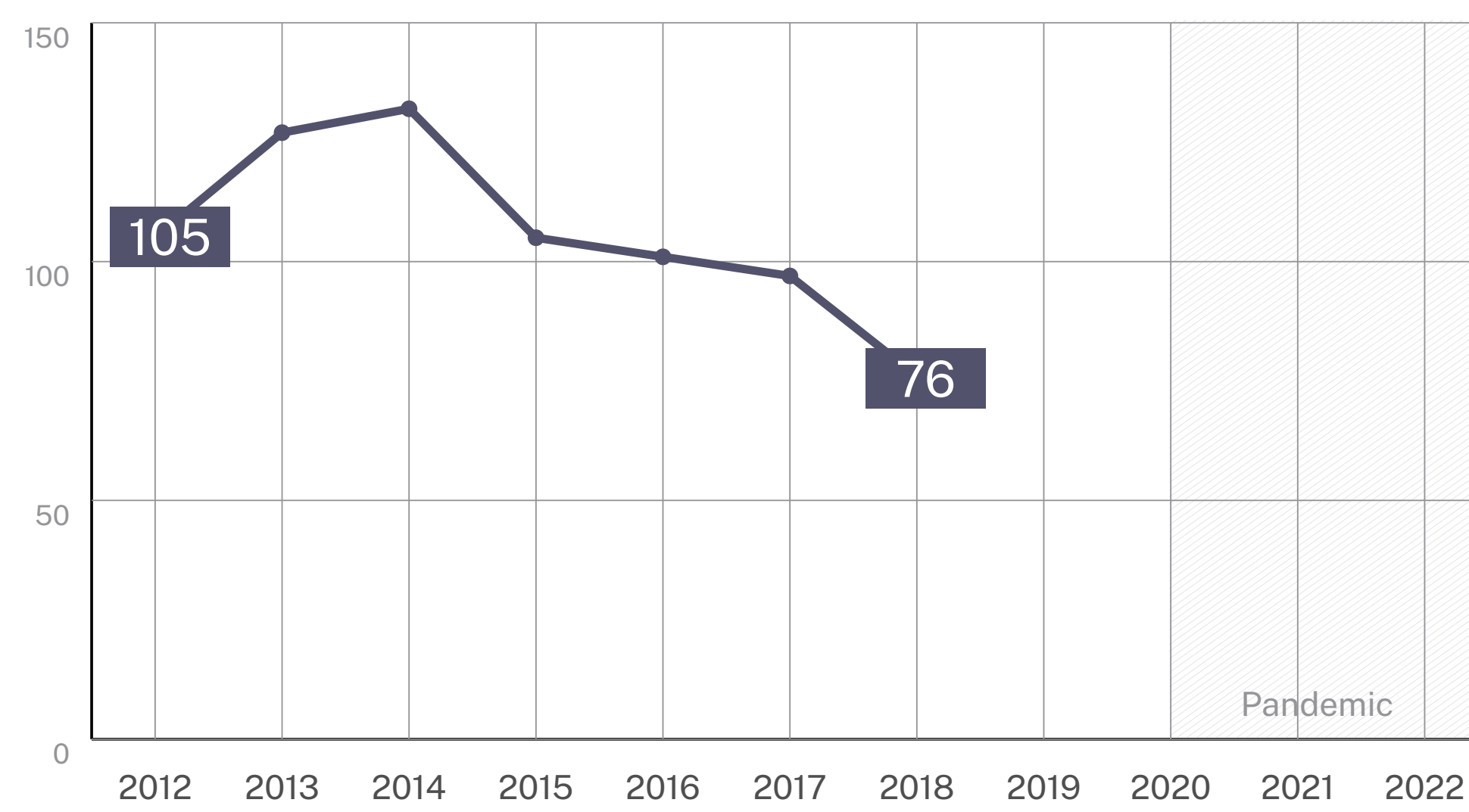


Funded seats in EOEL Public Pre-k Program & prekindergarten in public charter schools & Head Start and Early Head Start  
 Executive Office on Early Learning, [earlylearning.hawaii.gov](http://earlylearning.hawaii.gov)  
 Hawai'i State Public Charter School Commission. Personal correspondence between Deanne Goya and Jeff Larson, October 7, 2021.  
 U.S. Department of Health and Human Services, Administration for Children & Families, Early Childhood Learning & Knowledge Center. [eclkc.ohs.acf.hhs.gov](http://eclkc.ohs.acf.hhs.gov)



# Indicators For High-quality Early Learning Programs

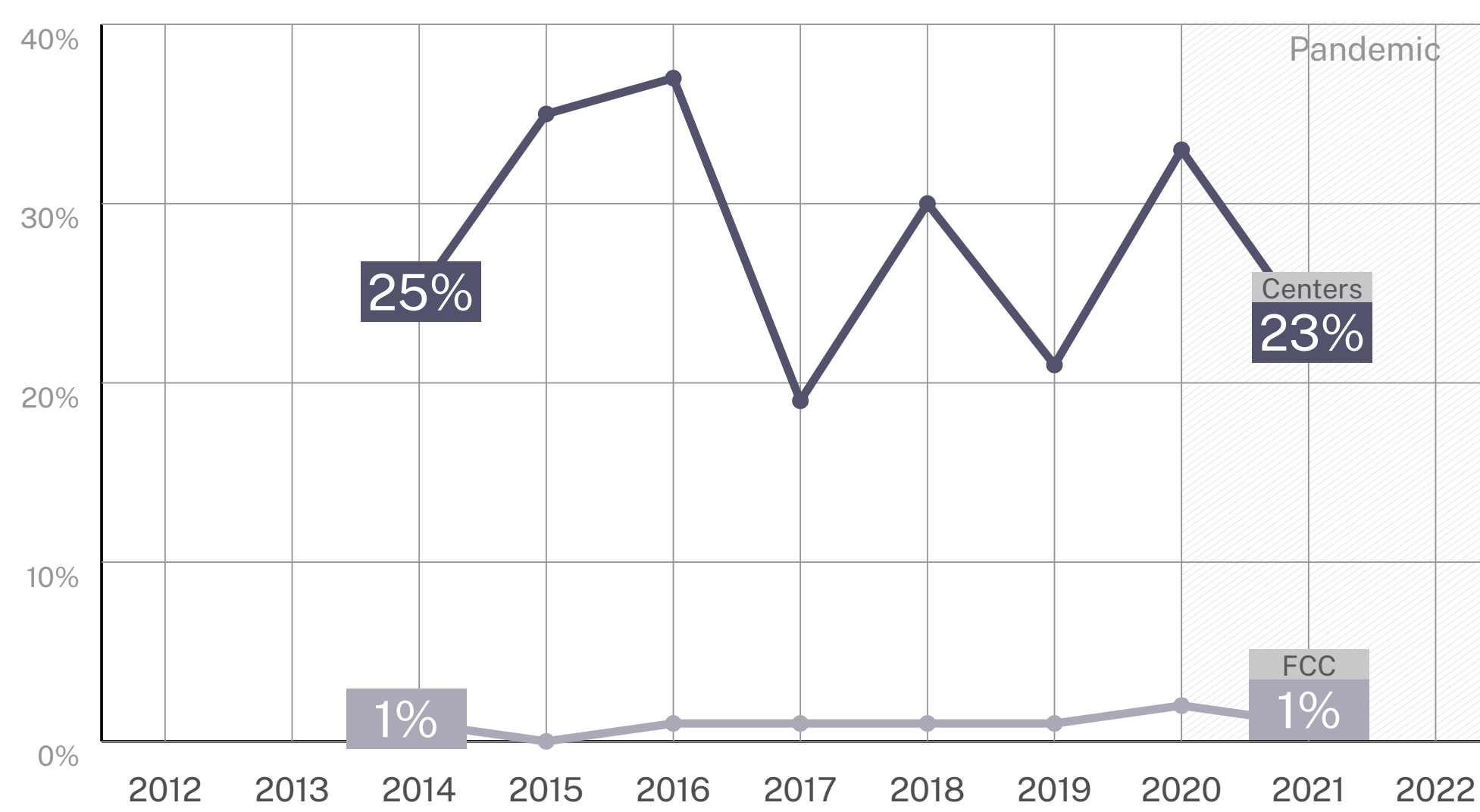
### ECE Workforce Credentials



Number of college students completing Early Childhood Education programs

Institutional Research and Analysis Office; University of Hawaii System; for Chaminade University, personal correspondence from Yan Yan Imamura to Jeff Larson, EOEL (Sep. 19, 2018)

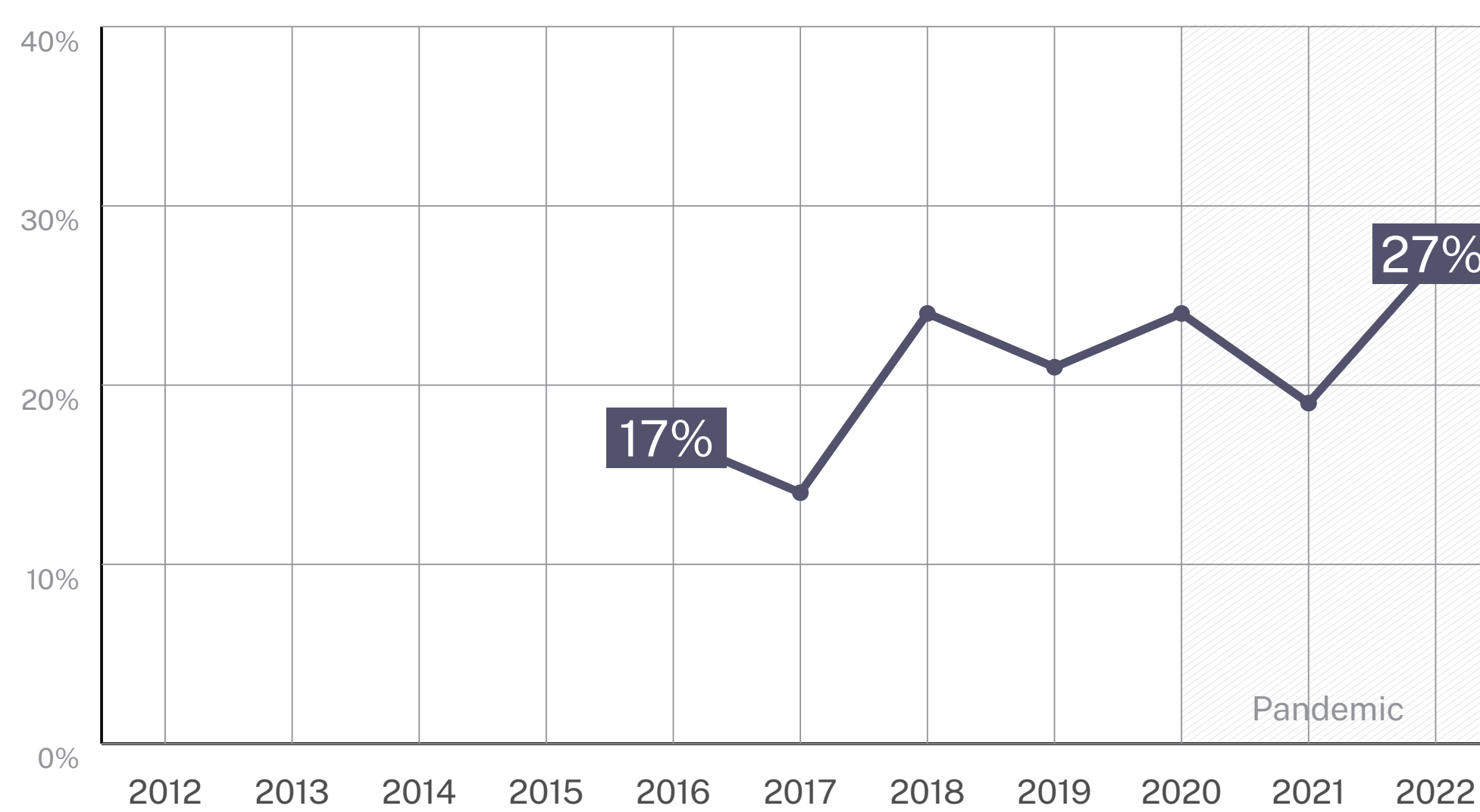
### Accredited Childcare Programs



Share of childcare programs with national accreditation

Child Care Aware annual state fact sheets  
[www.childcareaware.org](http://www.childcareaware.org)

### Early Intervention Workforce Vacancies



Early Intervention Section Update. Children with Special Health Needs Branch. Family Health Services Division. Health Resources Administration. Hawaii State Department of Health. Q4 reports each Fiscal Year.



# Indicators For Successful Early Childhood Transitions

