

# Annual Snapshot 2021



## A Message from the Health Officer:

This year marks the halfway point in the Department of Health's four-year strategic plan. The plan was designed to reduce the burden of suffering due to preventable conditions. Priority goals in the plan included controlling the spread of SARS-CoV-2; meeting all statutory requirements; addressing social factors that influence health; reducing health disparities and promoting health equity; and enabling data-driven, evidence-based solutions. The Department is on-track to meet each of these goals.

The Department's effort to control SARS-CoV-2 and mitigate its effects continued throughout 2021. With the help of hundreds of volunteers and staff members from every departmental unit, the Department created and implemented a highly successful mass immunization clinic at St. Hedwig Memorial Center. The clinic at Hedwig, which later transitioned to the County City Building, provided an opportunity for every age-eligible resident of the county to protect themselves against the virus. The Department's daily COVID metrics, COVID dashboard, recommendations, and frequent communications provided all residents the opportunity to make informed choices regarding ways to reduce viral transmission and protect vulnerable members of our community.

The Health Equity, Epidemiology and Data (HEED) Unit took a major step forward when it competed successfully for a \$3 million grant from the Centers for Disease Control (CDC) to deploy a team of eight Community Health Workers (CHWs) to reduce health disparities and improve the health of the community, particularly in census tracts with the highest social vulnerability indices in the county. The CHWs collaborate with many community organizations, administer COVID-19 testing, perform and respond to social needs assessments, and assist county residents to obtain health insurance. The CHWs also promote lead awareness and prevention and assist with lead case management.

The Environmental, Food Services, and Vital Records units remained open to the public throughout the pandemic, issuing permits and certificates, doing inspections, and responding to citizens' concerns. Emergency Preparedness unit played a key role in establishing and maintaining the COVID vaccination clinics. The Department's outreach to unhoused individuals and their congregate spaces mitigated the impact of COVID 19 and responded to other needs of that population.

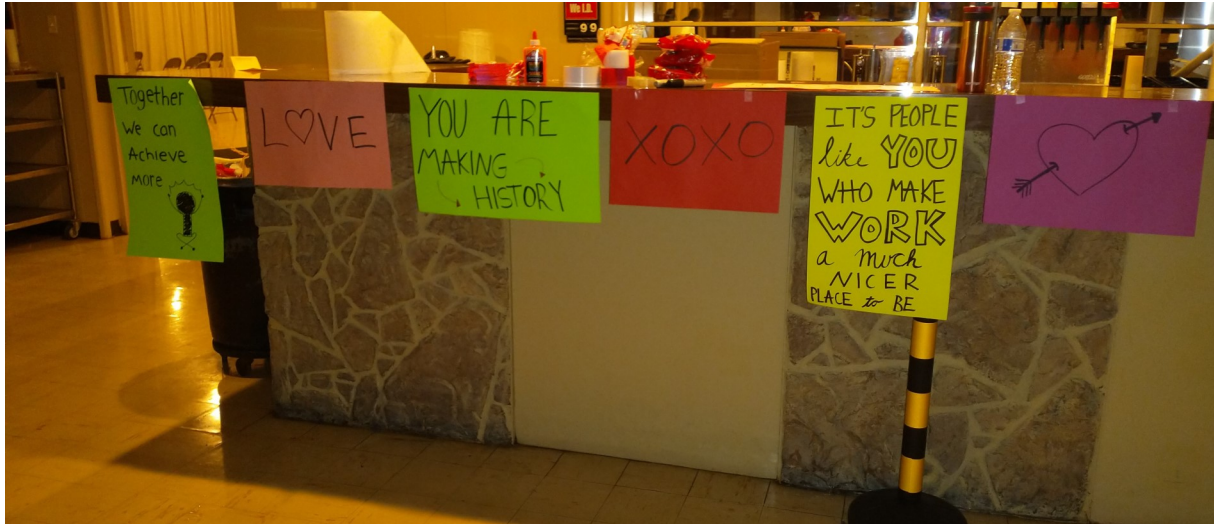
Though the strategic plan will continue to guide the Department's activities for the next couple of years, we will also draft and present a comprehensive community plan to address opioid use disorder. The HOPE unit will have the lead responsibility for this additional goal. It is prompted by the increase in deaths due to drug overdoses in the county over the last four years.

Despite numerous challenges and the impact of the political polarization in our country on public health, the staff of the St. Joseph County Department of Health performed admirably throughout the year. I am proud to be associated with them, and the residents of the county owe each and every one of them a debt of gratitude.

Respectfully,

*Robert Einterz MD*

# Our Organization



## OUR VISION

Healthy People in a Healthy  
St. Joseph County

## OUR MISSION

To promote physical and mental health and facilitate the prevention of disease, injury, and disability for all St. Joseph County residents

### Board of Health

The Board of Health advocates for the department's mission, ensures a program plan to address population needs, evaluates the department's effectiveness, hires and evaluates the Health Officer, and provides financial stewardship.

Board of Health 2021:

President: Heidi Beidinger-Burnett, PhD, MPH

Vice President: Jason Marker, MD

Board Members: Ilana Kirsch, MD; John Linn; Michelle Migliore, MD; Jamie Shoemaker, MD; Emily Dean

Attorney: Marcellus Lebbin



### Health Officer

**Robert M. Einterz M.D.**

The Health Officer is the chief executive of the department of health. Dr. Einterz was appointed health officer in February 2020.



### Deputy Health Officer

**Mark D. Fox, M.D., PhD, MPH**

The Health Officer is the chief executive of the department of health. Dr. Fox was appointed deputy health officer in 2018. His priority areas are lead, infant mortality, immunizations, health equity, and health promotion.

### Administration

Health Officer— Robert M. Einterz, M.D.

Deputy Health Officer— Mark D. Fox, M.D., PhD, MPH

Executive Administrative Assistant— Jennifer Parcell

Administrator/Finance Manager— Amy Ruppe

Special Projects Officer—Christine Hinz

# Our Organization: Units and Staff



**Environmental Health**  
 Director—Mark Espich  
 Assistant Director—Brett Davis  
 Administrative Assistant—Pam Thompson  
 Staff Assistant—LaTeesha Wright  
 Environmental Health Specialists—  
 Allison Zandarski; Briannah McCall; David  
 Ekkens; Jeff Murawski; Jessica Dilling; Josiah  
 Hartman; Kara Dishman; Patrick Sovinski,  
 Sarah Mitchell

**Nursing**  
 Public Health Nursing Director—Nancy Pemberton  
 Immunizations Director—Neiko Rust  
 Registrars—Connie Wawrzyniak; Danielle Sims,  
 Paula Sulentic, Ana Otero-Torres  
 Billings Clerk—Carol Frazee  
 Immunization Nurses—Aaron Fox; Abigail Maxwell;  
 Carla Dawson  
 Public Health Nurses—Danielle Laskowski; Jan  
 Boyk; Lauren Gunderson; Lori Montgomery;  
 Summer Murdock  
 Outreach Coordinator—Shelley Chaffee

**Health Outreach,  
 Promotion, & Education**  
 Director—Robin Vida  
 Health Promotion Specialists—  
 Kristen Sachman  
 Sarah Zepeda  
 Maternal/Infant Health Coordinator—Sally  
 Dixon



**Food Services**  
 Director—Carolyn Smith  
 Assistant Director—Karen Flanigan  
 Administrative Assistant—Renata Williams  
 Staff Assistant—Sharyl Smith  
 Food Service Specialists—Audrey Funk;  
 Jacob Parcell; Lynette Wesby; Melissa Papp;  
 Susan Burnett, Shayla Kimbrough

**Vital Records**  
 Director—Ericka Tijerina  
 Assistant Director—Denise Kingsberry  
 Registrars—  
 Angelica Macedo  
 Katie Mesaros  
 Kimyon Woods-Holt

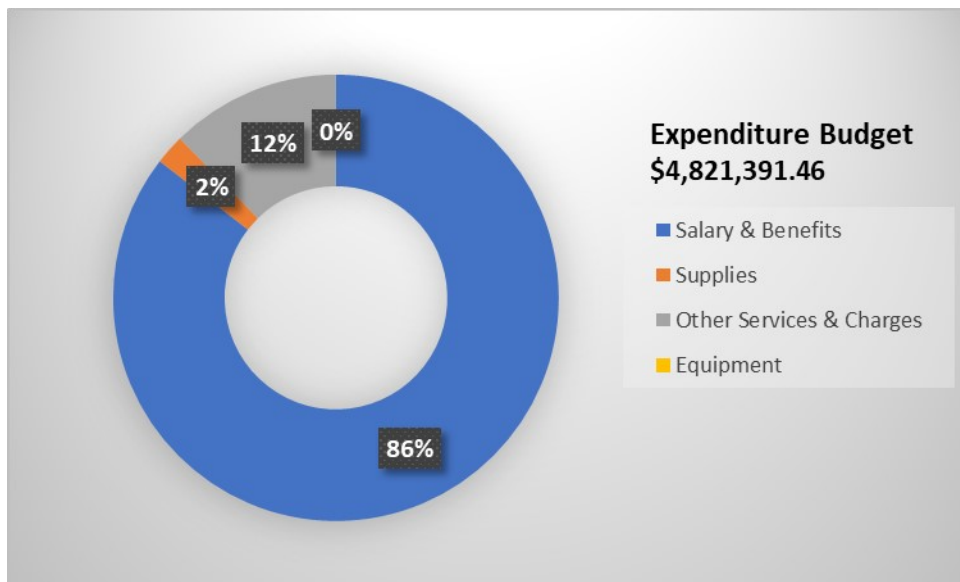
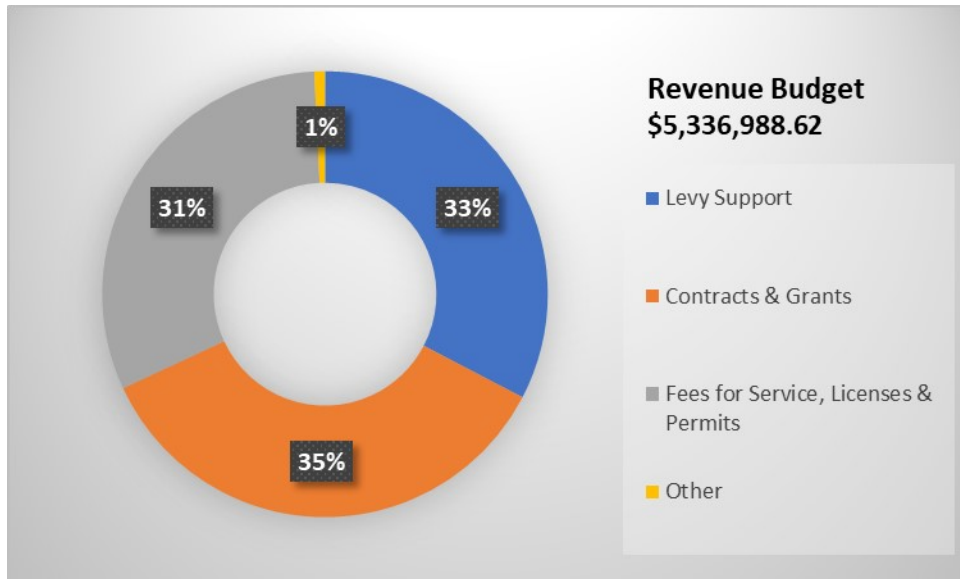
**Emergency Preparedness**  
 Public Health Coordinator—Paul Burrows



**Health Equity,  
 Epidemiology, & Data**  
 Director—Cassy White, MPH  
 Social Worker—Taylor Martin, LCSW  
 Community Health Workers— Jael Jackson, Jona-  
 than Carmona, Jackie Lopez, Jen Gonzalez, Kim  
 Dreibelbeis, LaShawna Love, Melissa Elissetche,  
 Savannah Hardy, TaKisha Jacobs, Veronica Es-  
 cobedo  
 Public Health Fellows— Frank Spesia, Juan Esteban  
 Baus, Mary Mumbi

**Congregate Outreach**  
 Congregate Outreach Coordinator—Harry Gilbride

# Financials



# Environmental Health



## CAMP MILLHOUSE

The Environmental Health Unit worked with the Indiana Onsite Wastewater Professionals Association to help get Camp Millhouse a new septic system for their lodge and other buildings. Camp Millhouse is a non profit residential summer camp for children and adults of all ages with varying disabilities. All of the materials and labor were donated, and contractors from across Indiana helped install their new system. The installation began in October of 2020 and was completed in April of 2021 in time for camp season.

## PERMITS

Septic system and well drilling permits accounted for 938 of the 1,310 permits issued by the Environmental Health Unit. The remainder are comprised of massage therapy facilities and practitioners, solid waste, tattoo and body piercing facilities and practitioners, and burn permits.

## VECTOR CONTROL

The Department of Health's Vector Control program expanded this year to include significant Eastern Equine Encephalitis surveillance as well as a collaboration with the University of Notre Dame. In total, 26,015 mosquitoes were split among 455 pools to be tested for West Nile Virus, Eastern Equine Encephalitis, and LaCrosse Virus. The Department of Health tested 119 of those pools via in-house RAMP testing, while the remaining 336 were sent to the Indiana State Department of Health for PCR testing. St. Joseph County accounted for 18% of all mosquitoes tested in the entire state of Indiana in 2021. There were 22 positive West Nile Virus pools, and 1 human West Nile Virus case (non-fatal).

## NUMBERS AT A GLANCE

- Conducted 68 lead risk assessments
- Conducted 1,059 septic inspections/ consultations
- Conducted 114 wellhead protection area inspections
- Conducted 38 routine massage establishment inspections and 28 tattoo/body piercing establishments
- 706 complaint responses regarding housing:
  - Pests
  - Cleanliness
  - Water shutoff
  - Waste disposal
- Processed 5,884 property transfer applications

# Nursing



## IMMUNIZATIONS

The Immunization Unit played a key role in bringing up a mass COVID-19 immunization clinic at St. Hedwig Memorial Center. The clinic ensured that all residents of the County had the opportunity to get vaccinated against COVID-19. With the support of hundreds of volunteers, the clinic was one of the most productive immunization clinics in the State of Indiana. By the end of the 2021, the immunization team had immunized more residents of SJC than any other single provider in the county.

Though the COVID immunization clinic at St. Hedwig required the closure of the routine immunization clinic on the 9th floor of the County-City building, the Department continued to provide all residents of the County the opportunity to receive routine immunizations at the Mishawaka clinic and in various mobile clinics throughout the year.

## TUBERCULOSIS (TB)

Tuberculosis, if left untreated, is a deadly disease. Though the prevalence of TB in the county is much less now compared to decades ago, it continues to pose a threat to the health of our community. Department of Health nurses cared for multiple individuals infected with tuberculosis during the last year, providing directly observed therapy in-person or by video chat for cases of latent and active disease.

## PUBLIC HEALTH NURSING

The Public Health Nurses (PHNs) investigated 597 communicable disease cases, with Hepatitis C being our top reportable disease, followed by Hepatitis B. In addition, the PHNs managed 598 animal bites for the year. PHNs also performed lead case management and monitoring throughout the year.

## NUMBERS AT A GLANCE

- Mobile clinics conducted: 42
- Immunizations provided: 89,818
- Number of unique individuals vaccinated: 45,927
- Active TB case management: 12
- TB nurse visits: 249
- Directly observed therapies (DOT) visits by TB nurses: 1,879
- Lead managed cases (>10ug/dL): 38
- Lead Monitoring Cases (5 to 9.9ug/dL): 116

# Health Outreach Promotion and Education



**COVID-19 RESPONSE** The HOPE team played a critical role in the COVID-19 vaccine rollout, including recruitment, support, and scheduling of hundreds of volunteers; managing clinic logistics; nurturing morale of clinic workers; and, informing the public.

**MENTAL HEALTH (SUBSTANCE USE & SUICIDE PREVENTION)** The HOPE team distributed Narcan to multiple sites and partners throughout 2021; hosted an intern who developed an outline of a comprehensive community plan to address opioid use disorder; participated on the Suicide and Overdose Fatality Review Team and shared recommendations with community partners; and, performed asset mapping for suicide prevention to gain a better understanding of the existing system.

**MATERNAL/INFANT HEALTH** The HOPE team received several grant awards that supported:

- The department’s efforts to review all fetal and infant deaths in the county and share recommendations with relevant partners and the community
- The first ever Birth Equity Conference (planned for 2022)
- A birth equity luncheon for the First Ladies of the Church and female Clergy
- Collaboration with the National Birth Equity Collaborative to begin a birth equity assessment and workplan

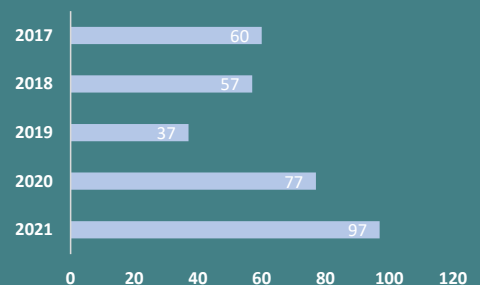
The team also participated with elected officials to address legislation that would impact pregnant workers.

**CREATING A CULTURE OF PUBLIC HEALTH** Working with a local team of documentary artists, the HOPE team developed a [video](#) highlighting some of the critical work of the Department of Health.

## Numbers at a Glance

- 26 community events
- 1,800 doses of naloxone distributed to community partners and members
- Collaborated with the SJC public library to host a 3-part COVID-19 vaccine Series virtually to over 200 community members

## Over Dose Deaths



# Food Services



**FOOD SERVICES** Food inspectors prevent food borne illnesses, promote safe food handling practices and protect consumers from unsafe food. In 2021, the Unit performed unannounced inspections for 1725 permitted entities to evaluate food handling practices and assess compliance with state and local regulations. The major goals of inspection are to educate and advise food handlers and enforce regulations. Recognizing that observations made during an inspection may be different from one day to the next, we also review past inspection reports and the establishment's records, and observe and interview workers to reach an accurate assessment of an establishments understanding of and compliance with food safety and sanitation requirements.

**TEMPORARY EVENTS** As the pandemic eased, SJC saw a significant increase in the temporary events in 2021. Total event inspections increased from 100 in 2020 to 388 in 2021. Festivals, the 4H County Fair, sporting events and food truck vendors all returned to welcoming crowds and long lines.

**AQUATICS** While the Indiana Department of Homeland Security reviews and approves construction of new pools, food staff were responsible for conducting annual inspections. The food staff offer consultations to pool operators regarding correct signage, life saving equipment, pool chemistry and sanitary facilities. Inspections are conducted based on Indiana State Public and Semi-Public Pools Rule 410 IAC 6-21. We conducted 170 pool inspections in 2021 compared to the 97 inspections in 2020. Inspections are performed by a Certified Pool/Spa Operator (CPO). In 2021, two staff gained new certification credentials and one staff renewed their credentials), bringing the total CPOs in the Food Services Unit to four.

## NUMBERS AT A GLANCE

- Service complaints: 218
- Food store complaints: 39
- Perfect inspections certificates: 513
- Abatement correspondence: 19
- Opening inspections: 171
- Retail inspections : 2172
- Temporary events: 305
- Temporary inspections: 388
- Possible food borne illness investigations: 15
- Smoking complaints: 5
- Fire investigations: 9
- Pool inspections: 170
- Pool consultations: 1
- Pool complaints: 5
- Pools closed: 78



# Vital Records Unit



## BACKGROUND

St. Joseph County Vital Records Unit provides services for birth and death events that occurred in the county. Our office offers the ability to establish paternity in office, make corrections to birth records, record legal name and gender changes, and a variety of other maintenance services. We conveniently offer two locations for services in South Bend and Mishawaka.

## DATABASE UPDATE

On January 1, 2021 The Indiana State Department of Health introduced a new software for vital records utilization, Database Registration of Indiana's Vital Events (DRIVE). Early stages of the migration caused some delays in vital record functions for the entire state of Indiana at the local and state levels. St. Joseph County was a leader in finding opportunity and solutions within this new system for ourselves and other neighboring counties.

## Numbers at a Glance

- Total births: 4,092
- Total deaths: 3,385
- Births records Issued: 17,317
- Deaths records Issued: 20,263
- Corrections/ amendments: 50
- Correction/ amendment Copy: 1
- Paternities: 72
- Paternity copy: 175

# Emergency Preparedness Unit



## EMERGENCY PREPARDNESS

The Public Health Coordinator participated in District 2 Local Health Department meetings and facilitated Emergency Support Function (ESF8) quarterly call downs. Part of all new Department of Health employee onboarding includes an emergency preparedness orientation. The Coordinator revamped and improved this orientation for staff. This Unit spends time ensuring the Emergency Training and Exercise Plan and Emergency Operations Plan stays up to date.

## COVID-19 VACCINE CLINIC

By January 2021, preparation for a mass COVID-19 vaccine clinic was set at Hedwig Memorial Center. This unit played point on procuring the agreement between parties. The Public Health Coordinator helped organize and set up the most efficient and effective way for community members to receive their COVID-19 vaccine. In partnership with the Nursing Unit, the Coordinator helped design and purchase a new mobile clinic to expand Department of Health services into the community. The Coordinator continued to monitor PPE supplies and reorder as needed for all field and clinic Department of Health staff.

## Numbers at a Glance

- Ordered over 3,000 rapid COVID-19 tests for community
- Facilitated monthly emergency support meetings
- Over 8,000 PPE supplies (gloves, masks, hand sanitizer, etc) for stocked for Department of Health staff or community partners

# Health Equity, Epidemiology, & Data



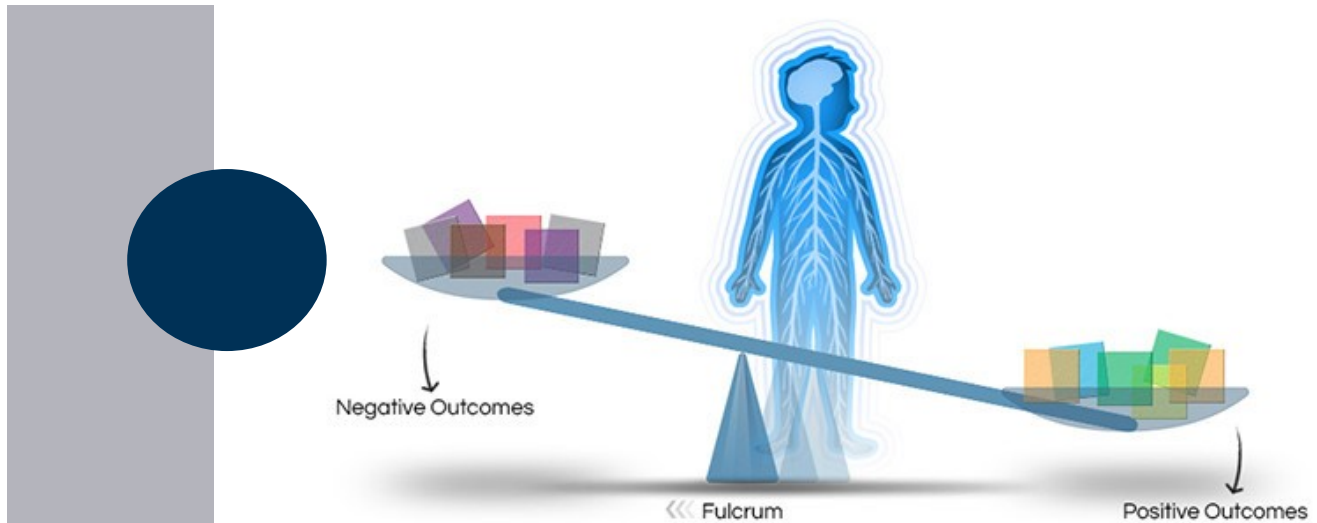
**Community Health Workers (CHWs)** The HEED Unit competed successfully for a \$3 million grant from the CDC to deploy a team of eight CHWs to reduce health disparities and improve the health of the community. The CHWs work primarily in census tracts with the highest social vulnerability indices in the county. Having begun the year with just two CHWs, by year's end the Department had recruited and hired nine more CHWs. Two of the eleven CHWs were promoted to the CHW Coordinator role. The CHWs collaborate with many community organizations, administer COVID-19 testing, perform needs assessments, connect residents to community resources, and assist residents to obtain health insurance. The CHWs also promote lead awareness and prevention and assist with lead case management. Eight CHWs completed their CHW certification through Health Visions Midwest, and nine CHWs passed the Indiana Insurance Navigation exam. Throughout 2022, the CHWs will host Insurance Navigation Clinics and Health Cafés in neighborhoods throughout SJC. The Health Cafés are designed to improve health literacy and empower county residents to take a more active role in improving their own health and the health of their communities.

**Data Analysis and Reporting** Throughout 2021, the HEED Unit collected, analyzed, and reported data pertinent to the health conditions and problems affecting the county. The HEED Unit informed departmental leadership and elected officials, enabling them to discern appropriate policy and recommendations. HEED's Daily COVID metrics and the [COVID dashboard](#) enabled community members to make informed choices.

## Numbers at a Glance

- Conducted 182 Needs Assessments
- Lead Referrals: 102
- 59 Children Received Lead Test after CHW home visit
- Hosted 10 Daycare Lead Screening Events
- Provided insurance assistance to 17 St. Joseph County Residents
- Provided 620 COVID tests to community members in partnership with La Casa de Amistad
- Created the first Burden of Disease report for St. Joseph County

# Health Equity, Epidemiology, & Data



**Adverse childhood experiences (ACEs)** are traumatic events that occur in childhood such as experiencing violence, abuse, or neglect; witnessing violence in the home or community; and having a family member attempt or die by suicide. Also included are events that undermine a child’s sense of safety, stability, and bonding, such as growing up in a household with substance use problems, mental illness, or instability due to parental separation or household members being in jail or prison. ACEs are linked to chronic health problems, mental illness, and substance use problems in adulthood. Preventing ACEs could reduce many health conditions (CDC, [ACEs fast facts](#)).

The HEED Unit’s ACEs work focused on three areas in 2021: outreach, research, and clinical partnerships. ACEs outreach aims to improve the county’s understanding of ACEs, and to identify opportunities for organizations to align around a shared goal of ACE prevention. ACEs research aims to ensure that new opportunities for ACE prevention and public health responses to ACEs are identified, and that our ACE prevention efforts are grounded in research and best practices. Clinical partnerships focus on developing relationships with local physicians to incorporate ACEs science into their practices. Clinical partnerships are centered primarily on improving individual patient health outcomes through a trauma informed approach. Preventing ACEs is a multifaceted problem that requires the careful attention of a broad group of stakeholders. Our efforts in 2021 focused on identifying immediate areas of impact and developing relationships with community partners that will inform future collaborative efforts for ACE prevention.

## Numbers at a Glance

- Provided 10 ACEs Training
- Conducted 3 focus groups with community partners to determine Department of Health’s role in ACEs response
- Created a public health response to ACEs
- Developed relationships with 19 community partners

# Caring For Unhoused Individuals



## CONGREGATE OUTREACH COORDINATOR

The Congregate Outreach Coordinator, a new position in 2021, addresses the health needs of unhoused individuals and individuals residing in congregate living facilities such as homeless shelters and in-patient rehabilitation centers. The Congregate Outreach Coordinator assisted in establishing quarantine and isolation spaces and protocols; monitored individuals in quarantine; and worked with community health partners to roll out COVID-19 vaccine and testing to shelters, in-patient rehab, and soup kitchens.

## COMMUNITY PARTNERSHIPS

In the face of COVID-19 pandemic, the Congregate Outreach Coordinator worked with community partners to collaborate and leverage shared resources. He collaborated with the Continuum of Care (a consortium of shelters, in-patient rehab facilities, soup kitchens and other service providers) and community healthcare centers to improve the health of unhoused individuals.

## WASH WEDNESDAYS

Wash Wednesdays is a program created in partnership with Burton's Laundry where every other Wednesday unhoused individuals can wash their clothes free of charge. Burton's Laundry invites individuals into the facility to utilize the Laundry's washers, dryers, and detergent at no charge. The Congregate Outreach Coordinator manages and monitors this program for the Department and for the owner of Burton's Laundry. This program has been extremely successful with over 3,800 loads of laundry washed in 2021.

## Numbers at a Glance

- Vaccinated over 450 unhoused individuals in partnership with Healthline
- Washed over 3,828 loads of laundry in partnership with Burton's Laundry
- Provided 311 COVID tests to unhoused individuals

## Annexes:

### Environmental Health

<b>Work Activities</b>	<b>YTD 2019</b>	<b>YTD 2020</b>	<b>YTD 2021</b>
<b>SEPTIC PROGRAM</b>			
<b>Residential - New Construction</b>			
A. Inspections	236	154	180
B. Consultations	11	16	29
<b>Residential - Replacement</b>			
A. Inspections	766	871	683
B. Consultations	23	53	87
<b>Commercial</b>			
A. Inspections	20	30	12
B. Consultations	2	8	6
C. Cluster System Inspections	2	5	18
Abandonments without Replacements	20	130	44
Permit Applications Received	532	758	589
Permits Issued	464	609	495
Public Information Events	0	2	3
<b>SUBDIVISION PROGRAM</b>			
A. Health Officer Reports	28	40	48
B. Subdivision Reviews	35	56	55
C. Rezoning and Replat Reviews	9	8	10
<b>WELLHEAD PROGRAM</b>			
A. Inspections Performed	174	125	114
<b>WELL DRILLING PROGRAM</b>			
<b>Residential</b>			
A. Inspections	170	209	281
B. Well Abandonments	185	247	314
<b>Commercial</b>			
A. Inspections	2	1	1
B. Well Abandonment Inspections	6	4	4
<b>New Construction</b>			
A. Permit Applications Received	120	65	97
B. Permits Issued	110	69	95
Replacement Permits Issued	234	270	304
Public Information Events	1	0	0

<b>Work Activities</b>	<b>YTD 2019</b>	<b>YTD 2020</b>	<b>YTD 2021</b>
<b>SOURCE WATER PROGRAM</b>			
A. Phase I Inquiries	147	124	191
B. Spill Responses	2	4	1
C. Meth Lab Occurrence Response	1	0	0
D. Other Source Water Inspections	36	13	16
<b>SURFACE WATER PROGRAM</b>			
A. Surface Water Sampling	0	0	0
<b>LEAD PROGRAM</b>			
A. HUD Lead Inspections	3	6	7
B. Lead Risk Assessments	89	56	68
EBLL Assessments	25	22	20
Parent Request	64	34	48
C. Clearances	38	24	23
D. Off-site Meetings	27	5	0
E. Public Information Events	28	1	1
D. Children Tested for Lead Levels*	4446	3560	3286
<b>CAFO PROGRAM</b>			
A. Inspections Performed	0	0	0
<b>AIR QUALITY PROGRAM</b>			
A. Indoor Air Quality Investigations	0	1	0
B. Mold Investigations	1	6	0
<b>VECTOR PROGRAM</b>			
A. Inspections Performed	18	24	35
B. Sites Treated	6	17	9
C. Traps Collected	29	212	275
D. ISDH Submissions	14	125	323
E. Public Information Events	2	2	8
<b>HEALTHY HOMES PROGRAM (Inside)</b>			
A. Initial Complaints	132	152	202
No Water	34	48	37
Garbage/Food Waste	50	40	57
Feces	18	33	37
Rodents/Cockroaches	30	31	71
A. Follow-up Complaints	172	192	161
No Water	44	90	60
Garbage/Food Waste	74	49	58
Feces	20	45	26
Rodents/Cockroaches	34	25	17
B. Dwellings Declared Unfit	20	13	22

<b>Work Activities</b>	<b>YTD 2019</b>	<b>YTD 2020</b>	<b>YTD 2021</b>
<b>MESSAGE</b>			
A. Establishment Inspections	<b>64</b>	<b>70</b>	<b>78</b>
<b>TATTOO/BODY PIERCING PROGRAM</b>			
A. Inspections Performed	<b>23</b>	<b>28</b>	<b>38</b>
<b>COMPLAINTS / INVESTIGATIONS</b>			
A. Garbage/Food Waste (Outside)	<b>67</b>	<b>93</b>	<b>64</b>
B. Sewage	<b>81</b>	<b>111</b>	<b>96</b>
C. Water (ditches, lakes, ponds & swells)	<b>7</b>	<b>4</b>	<b>8</b>
D. Motels/Hotels	<b>3</b>	<b>7</b>	<b>5</b>
E. Burning	<b>10</b>	<b>26</b>	<b>17</b>
F. Other	<b>80</b>	<b>82</b>	<b>153</b>
<b>ABATEMENT LETTERS</b>			
A. Abatement Letters Sent	<b>147</b>	<b>174</b>	<b>341</b>
B. Immediate Threat to Public Health Letters Sent	<b>3</b>	<b>4</b>	<b>8</b>
C. Order to Vacate/Condemn Letter Sent	<b>24</b>	<b>12</b>	<b>31</b>
D. Impending Legal Action Letters Sent	<b>10</b>	<b>22</b>	<b>35</b>

\* Due to time lag of State Database System, the Lead testing numbers are one month behind.



# Finance

## Overview of Revenue and Expenditures

	2019	2020	2021
County Health Fund Revenue	\$3,212,625.94	\$3,048,961.68	\$3,468,867.48
County-Wide Lead Initiative Revenue	\$200,500.00	\$200,000.00	\$0
Grant Revenue	\$383,616.76	\$396,887.39	\$1,868,121.14
<b>TOTAL REVENUE</b>	<b>\$3,796,742.70</b>	<b>\$3,645,849.07</b>	<b>\$5,336,988.62</b>
County Health Fund Expenditures	\$3,197,108.61	\$3,100,681.85	\$3,518,924.87
County-Wide Lead Initiative Expenditures	\$6,663.10	\$21,257.55	\$135,357.88
Grant Expenditures	\$417,348.05	\$695,717.04	\$1,167,108.71
<b>TOTAL EXPENDITURES</b>	<b>\$3,621,119.76</b>	<b>\$3,817,656.44</b>	<b>\$4,821,391.46</b>

## Food Services

<b>Food Division</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Complaints - Food Service	192	396	218
Complaints - Food Store	18	99	39
Certificates of Perfect Inspection	541	380	513
Abatement Correspondence	51	13	19
Health Officer Hearings	1	0	4
Number of Opening Inspections	170	113	171
Retail Inspections Completed	2620	2798	2172
Establishments Ordered to Cease Operations	3	0	2
Temporary Events	262	261	305
Temporary Inspections	748	115	388
Possible Food Borne Illness Investigations	6	5	15
Smoking Complaints	0	7	5
Fire Investigations	10	2	9
<b>Pool Information</b>			
Number of Inspections	149	97	170
Consultations	16	32	1
Pool Complaints	2	3	5
Closings	43	42	78
<b>Staff Development</b>			
Meetings and Trainings (Total in Hours)	209.5	***	***

\*\*\* Information not tracked in this format due to reporting system change.

## Health Outreach, Promotion, and Education (HOPE)

TOPIC	2019		2020		2021	
	School (K-College)	Adults	School (K-College)	Adults	School (PreK-College)	Adults
Wellness	356	57	8	9	10	1
Substance Abuse Prevention	0	8	0	4	3	2
Communicable Disease	2	11	0	3	0	4
Reproductive Health	74	0	17	1	2	0
Chronic Disease	0	2	0	0	0	0
<b>TOTAL presentations(participants)</b>	<b>510 (10,167)</b>		<b>41 (710)</b>		<b>22 (3,309)</b>	

**Total Number of Events**  
(i.e. Health Fairs, Community Events, etc.)

	2019	2020	2021
# of Participants	75	32	33
# of Participants	29,001	689	4,190

\*Events and educational programs were limited due to staff assisting with COVID-19 vaccine roll-out and clinic operations.\*

## Nursing

<b>Immunizations</b>			
<b>Description</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
COVID-J&J	0	0	47
COVID-Moderna	0	0	20612
COVID-Pfizer 5-11	0	0	2771
COVID-Pfizer 12+	0	0	61263
DTaP	139	95	119
DTaP-HepB-IPV	191	97	141
DTaP-HIB-IPV	0	21	0
DTaP-IPV	87	65	96
HPV9	594	637	606
Adult Hepatitis A	529	116	59
Pediatric Hepatitis A	582	503	455
Adult Hep A & B	48	17	24
Pediatric Hepatitis B	101	50	82
Adult Hepatitis B	75	40	57
Hib (PRP-OMP)	209	124	159
IPV	195	126	165
Influenza, Injectable, Quadrivalent, Preservative Free*	0	802	585
Influenza, live, intranasal, quadravalent*	0	104	85
influenza, high-dose, quadrivalent*	0	39	62
Adult Influenza*	446	0	0
Pediatric Influenza*	500	0	0
MMR	240	147	153
MMRV	192	119	191
Meningococcal B, OMV (Bexsero)	333	456	319
Meningococcal MCV40	625	675	649
Pneumococcal conjugate PCV13	235	150	168
Td Adult, Preservative Free	60	36	28
Tdap	637	441	567
PPSV 23	5	3	11
rotavirus, monovalent	82	43	42
typhoid, VICPs	70	17	50
typhoid, oral	59	22	0
varicella	219	156	169
yellow fever	0	0	65
zoster recombinant	13	22	18
<b>TOTAL VACCINES</b>	<b>6530</b>	<b>5198</b>	<b>89818</b>
<b>TOTAL PATIENTS SEEN</b>	<b>2843</b>	<b>2252</b>	<b>45927</b>

\*Influenza vaccine manufacturer Department of Health uses was approved for 6 month indication in 2020

Tuberculosis			
	2019	2020	2021
TST Placed	448	361	338
TST Positive	17	11	5
Active Cases	7	5	12

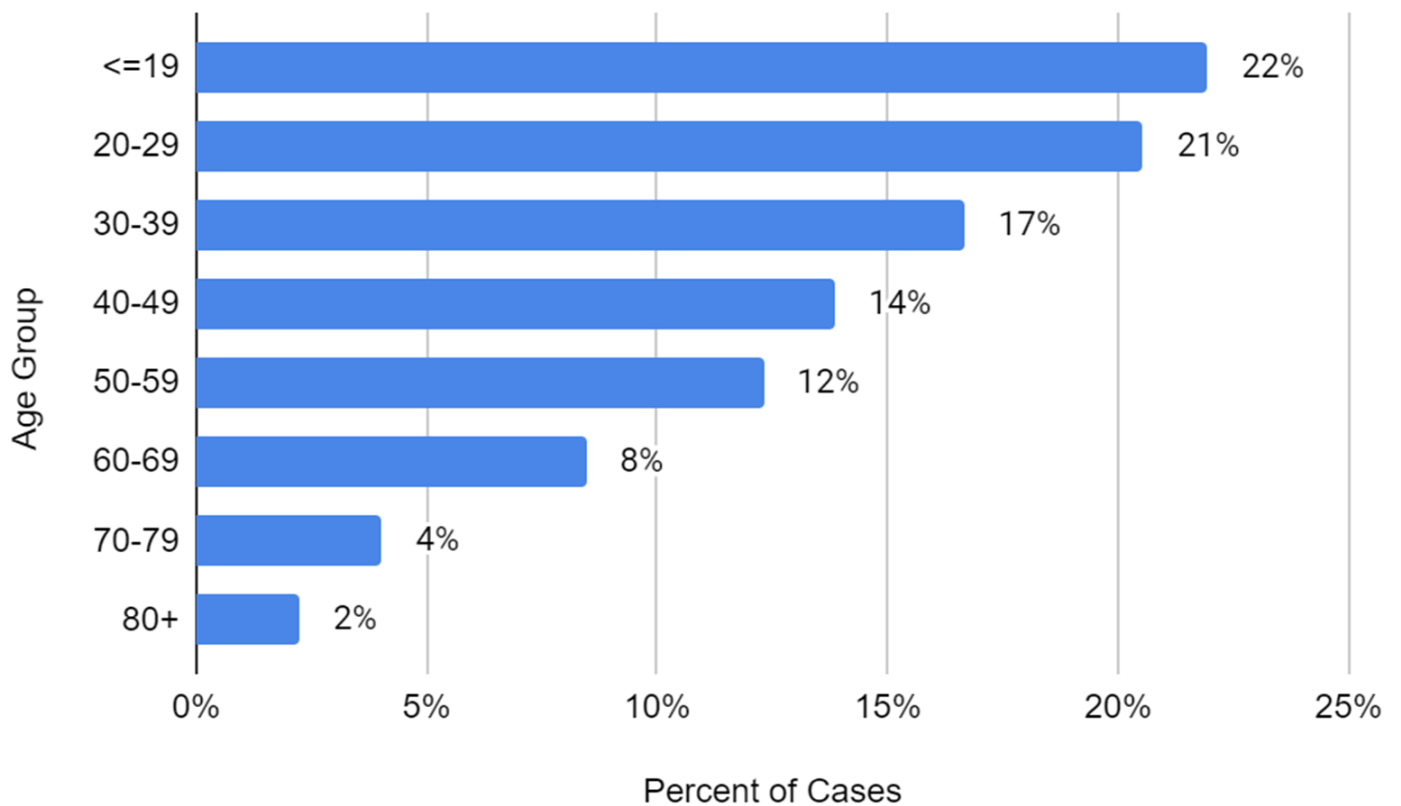
Communicable Disease Surveillance						
Condition	2019		2020		2021	
	Started	Confirmed	Started	Confirmed	Started	Confirmed
2019 Novel Coronavirus	0	0	33274	22140	0	0
Anaplasmosis	<5	0	<5	<5	<5	0
Animal Bites	752	752	598	598	752	752
Babesiosis	<5	0	0	0	<5	0
Botulism (Infant) *	0	0	<5	0	0	0
Campylobacteriosis	83	20	49	35	83	20
Candida auris, clinical	0	0	<5	<5	0	0
<b>Carbapenemase</b> producing- Carbapenem resistant ( <b>CP-CRE</b> )	15	7	8	<5	15	7
Coccidioidomycosis	0	0	<5	<5	0	0
Cryptococcus neoformans	<5	<5	<5	<5	<5	<5
Cryptosporidiosis	7	6	10	5	7	6
Dengue	<5	0	<5	<5	<5	0
EEE (Encephalitis)	<5	0	0	0	<5	0
Ehrlichiosis	<5	0	0	0	<5	0
Giardiasis	9	9	14	12	9	9
Hemophilus influenza, inva- sive disease	8	5	5	<5	8	5
Hepatitis A - Acute	14	<5	37	0	14	<5
Hepatitis B - Chronic	50	8	33	9	50	8
Hepatitis B - Acute	5	<5	<5	<5	5	<5
Hepatitis C – Perinatal	<5	0	<5	0	<5	0
Hepatitis C – Acute	<5	<5	7	<5	<5	<5
Hepatitis C – Chronic	168	77	208	79	168	77
Hepatitis E	<5	0	<5	0	<5	0
Histoplasmosis	12	<5	16	<5	12	<5
Influenza -Associated Deaths	6	6	<5	<5	6	6
Legionellosis	22	12	15	7	22	12
Listeriosis	0	0	<5	<5	0	0
Lyme Disease	95	14	60	31	95	14
Meningococcal Invasive Dis- ease (Neisseria)	<5	<5	0	0	<5	<5
Multisystem Inflammatory System (MIS)	0	0	<5	0	0	0
Mumps	6	0	<5	0	6	0
Novel Influenza A - Virus In- fection	0	0	0	0	0	0
Paratyphoid Fever	<5	<5	0	0	<5	<5
Pertussis (Whooping Cough)	9	<5	7	0	9	<5

Communicable Disease Surveillance						
Condition	2019		2020		2021	
	Started	Confirmed	Started	Confirmed	Started	Confirmed
Q- Fever (Coxiella Burnetii Infection)	<5	0	<5	0	<5	0
Rocky Mountain Spotted Fever	<5	0	<5	0	<5	0
Rubeola (Measles)	5	0	0	0	5	0
Rubella (Measles)	0	0	<5	0	0	0
Salmonellosis	25	20	17	11	25	20
Severe Staph (Previously Healthy Person)	<5	0	0	0	<5	0
Severe Acute Respiratory Syndrome (Sars-CoV)	0	0	0	0	0	0
Shiga-toxin producing E. coli (O157 and others)	7	0	<5	<5	7	0
Shigellosis	6	<5	0	0	6	<5
Strep Pneumoniae, invasive	34	33	20	19	34	33
Streptococcal Group A Invasive Disease	25	15	12	10	25	15
Toxic Shock Syndrome Streptococcal (STSS)	<5	<5	0	0	<5	<5
Tularemia	0	0	<5	0	0	0
Typhus Fever	<5	0	0	0	<5	0
Unknown Vector Zoo	<5	0	0	0	<5	0
Varicella (Chickenpox)	47	5	29	<5	47	5
West Nile Virus neuro-invasive disease	<5	0	<5	<5	<5	0
West Nile Virus Non-Invasive Disease	<5	0	0	0	<5	0
Yersiniosis	0	0	<5	<5	0	0
Zika Virus Infection, Non-Congenital	<5	0	0	0	<5	0
<b>Total</b>	<b>1445</b>	<b>1013</b>	<b>34456</b>	<b>22985</b>	<b>1445</b>	<b>1013</b>

# COVID-19 Summary

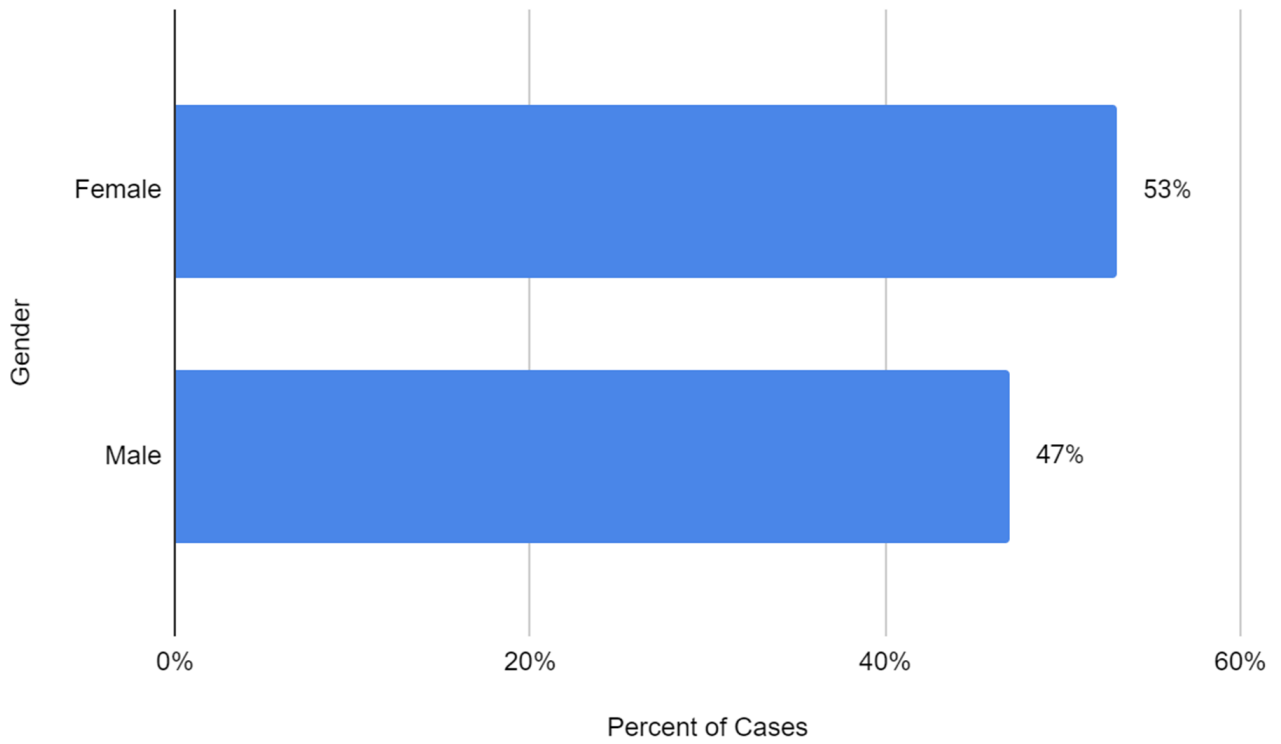
2021 Summary Data (as of 11:59 pm 12/31/21)	
Total Cases in St. Joseph County	32,513
Percent of County Residents Infected	12%
Deaths	288
Cases per 100,000 Residents	11,913

### Percent of Cases by Age Group

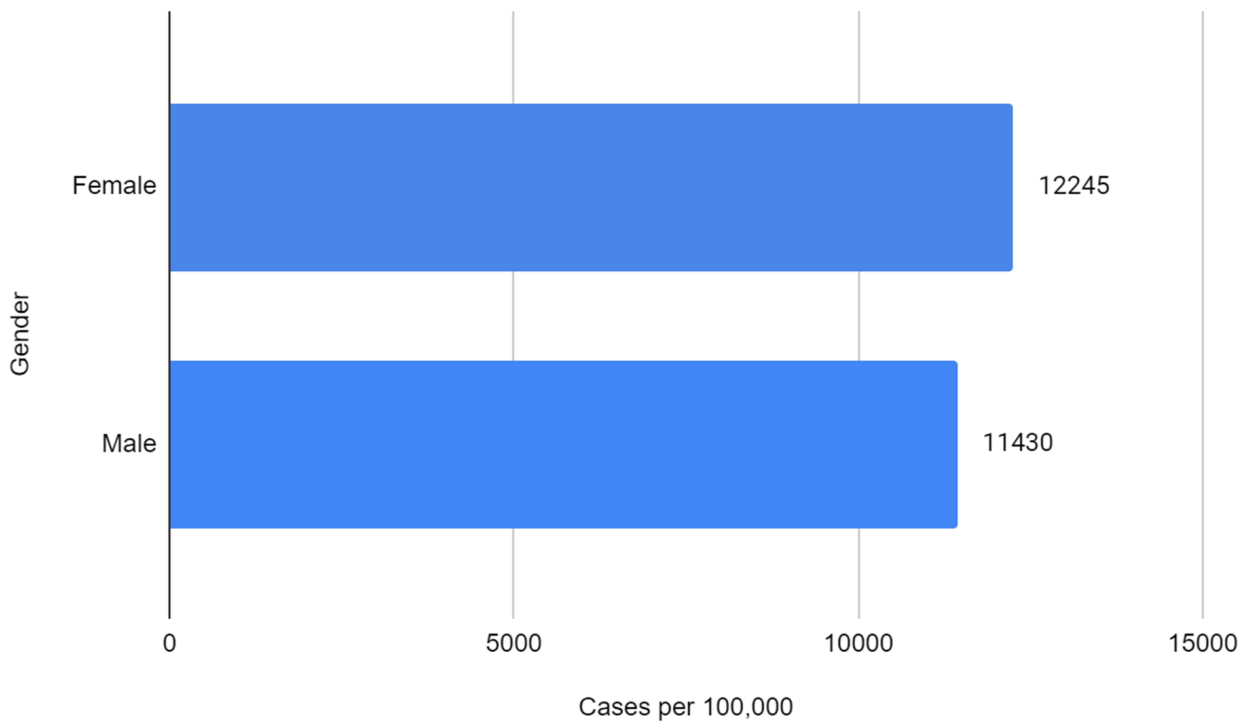


# COVID-19 Summary

## Percent of Cases by Gender



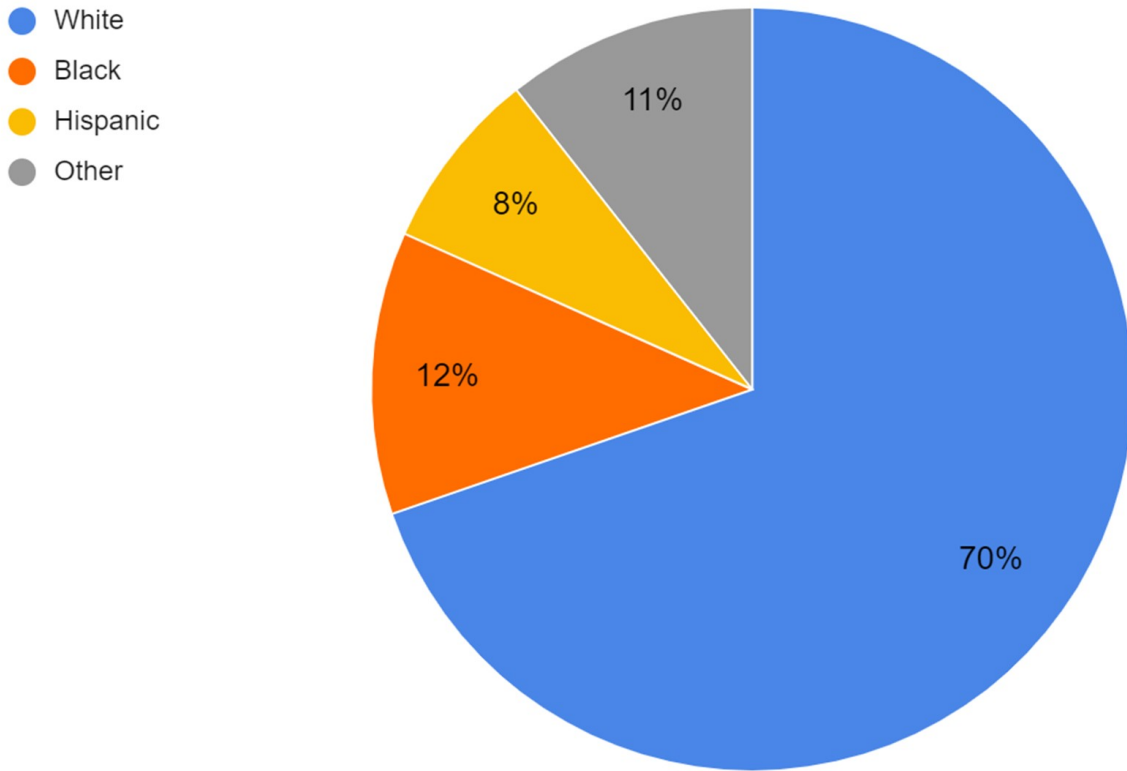
## Case Rates per 100,000 Residents by Gender



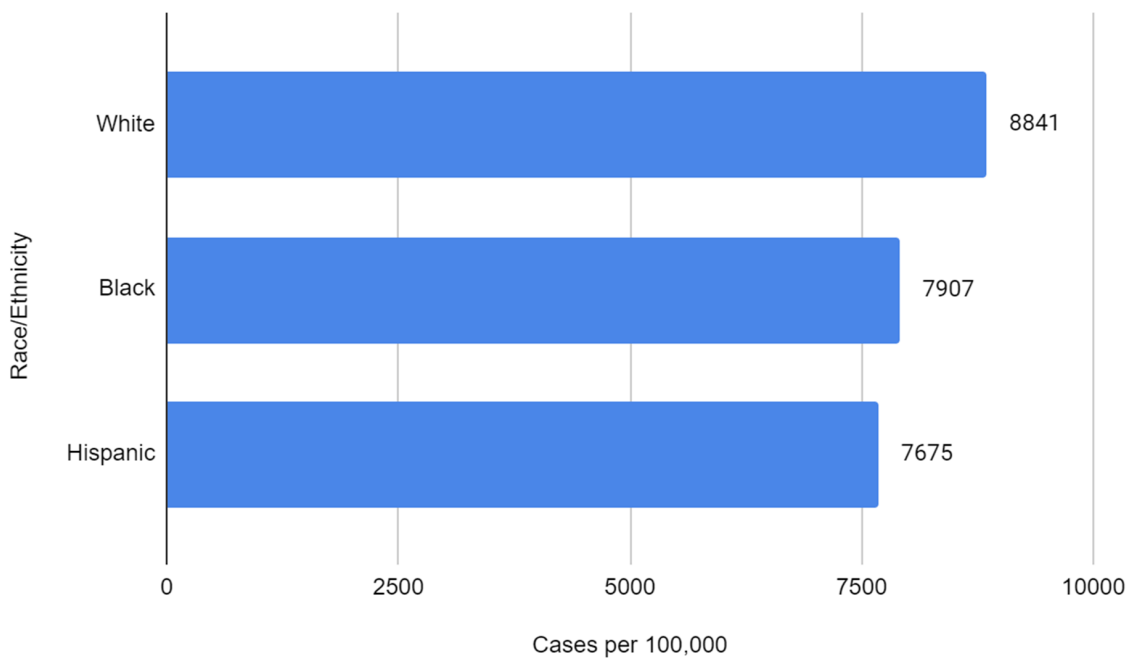


# COVID-19 Summary

## Percent of Cases by Race/Ethnicity

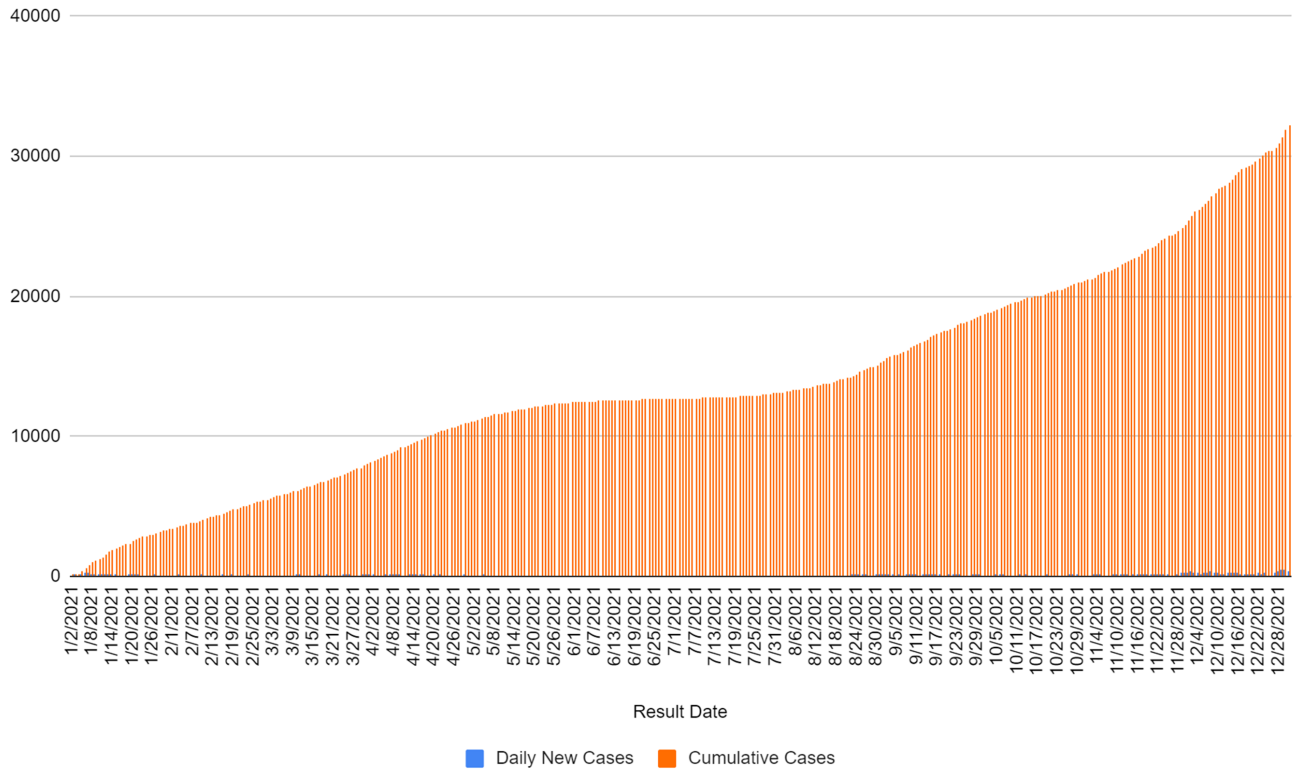


## Case Rates per 100,000 Residents by Race/Ethnicity

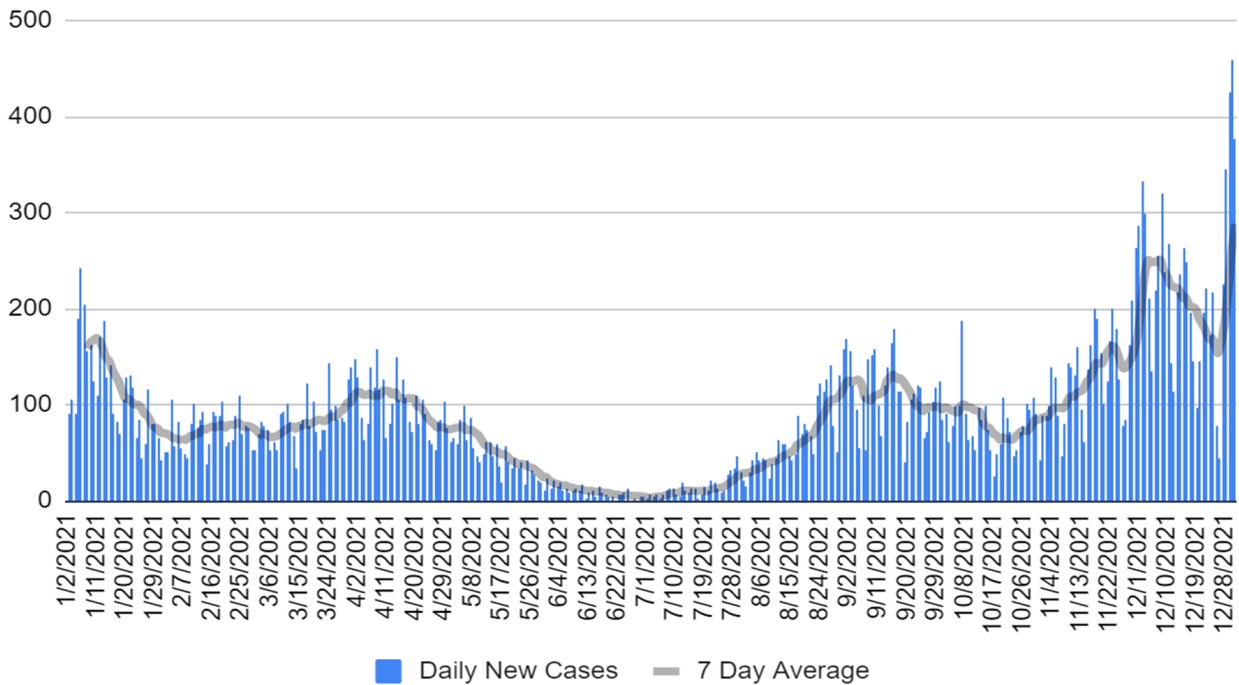


# COVID-19 Summary

## Cumulative Cases

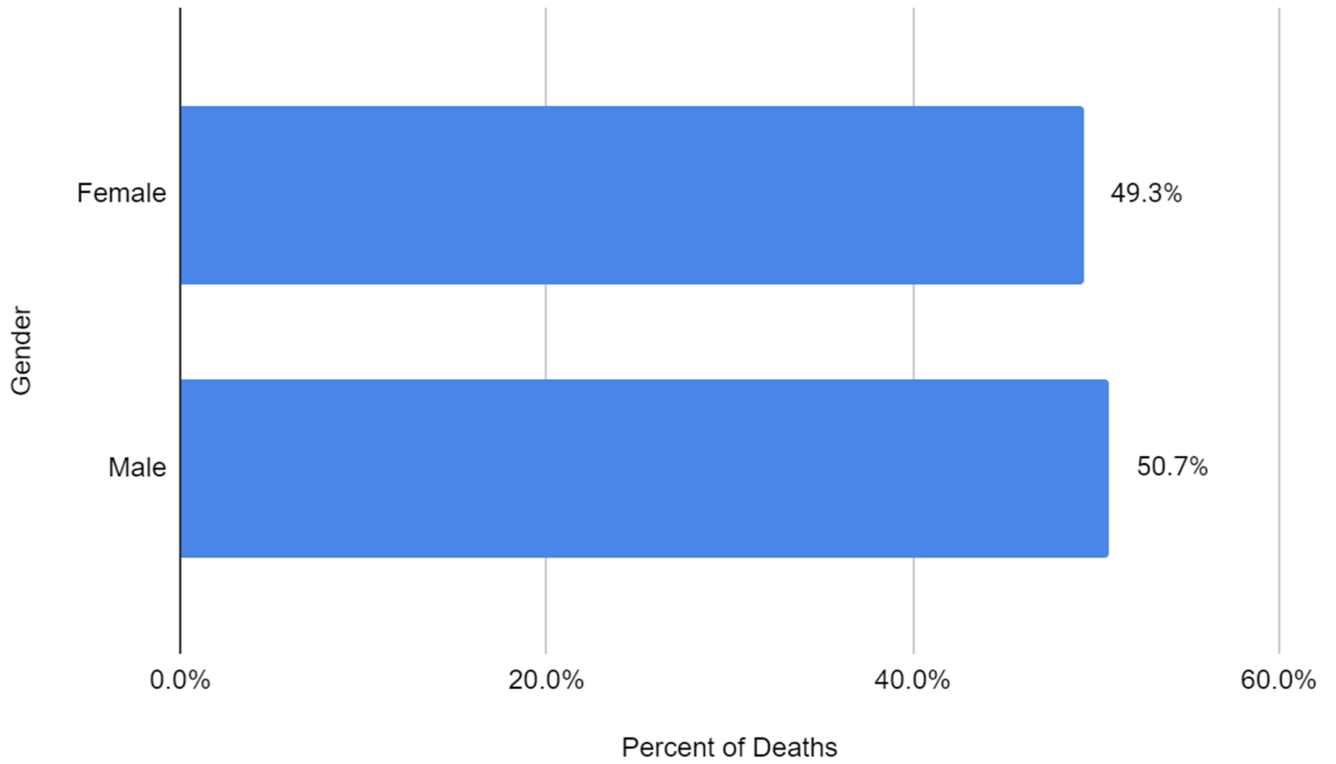


## Daily Cases

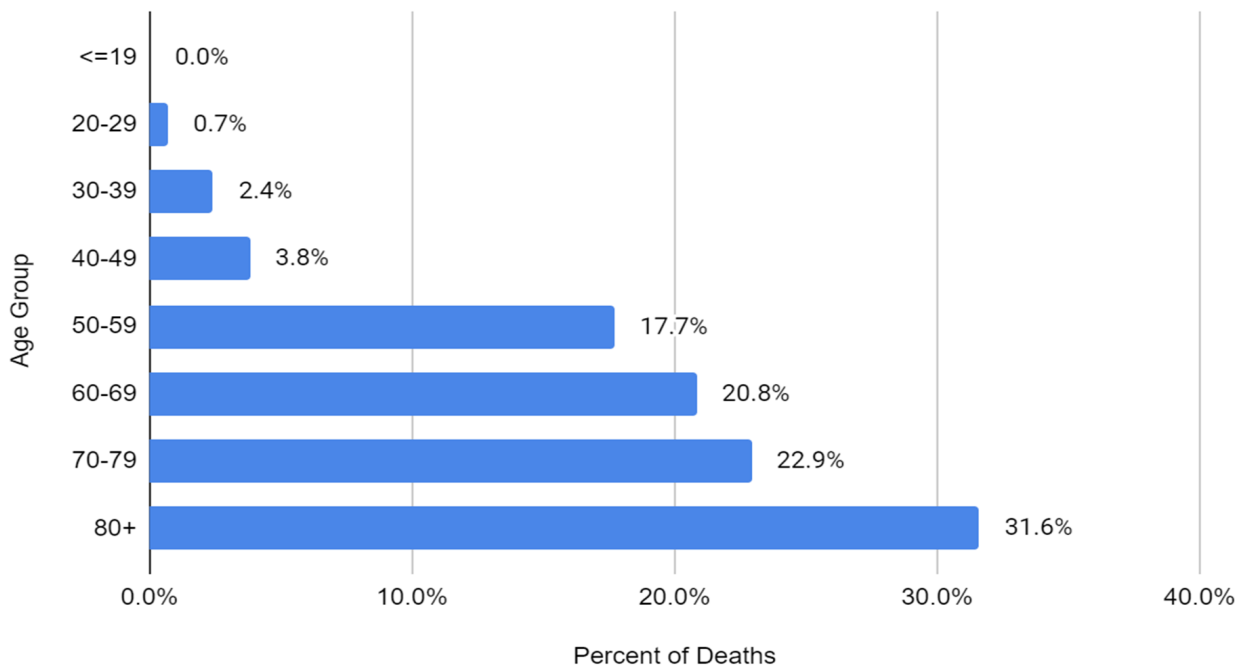


# COVID-19 Fatality

## Percent of Deaths by Gender



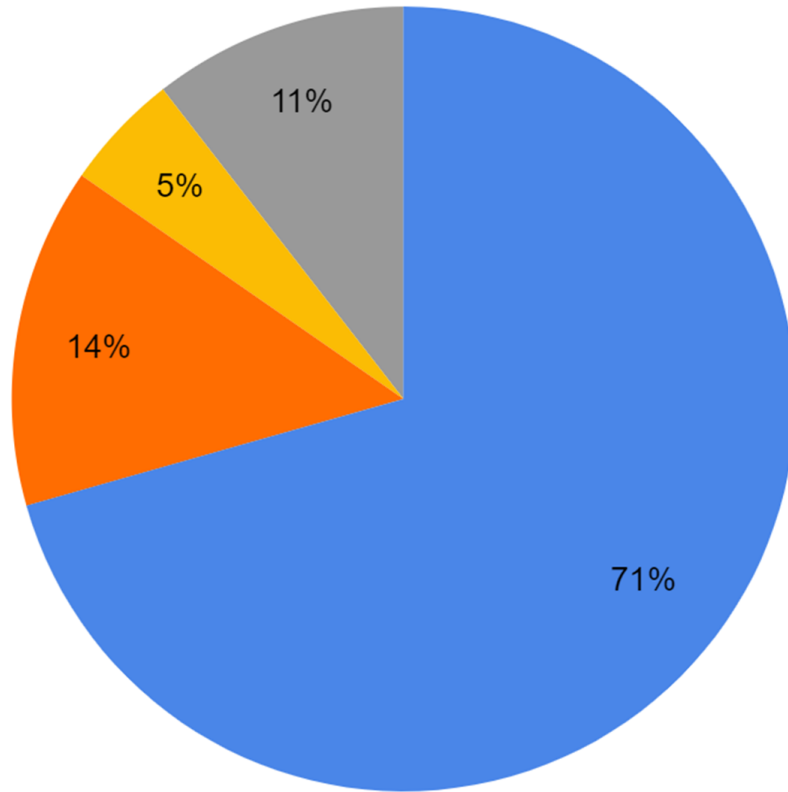
## Percent of Deaths by Age Group



# COVID-19 Fatality

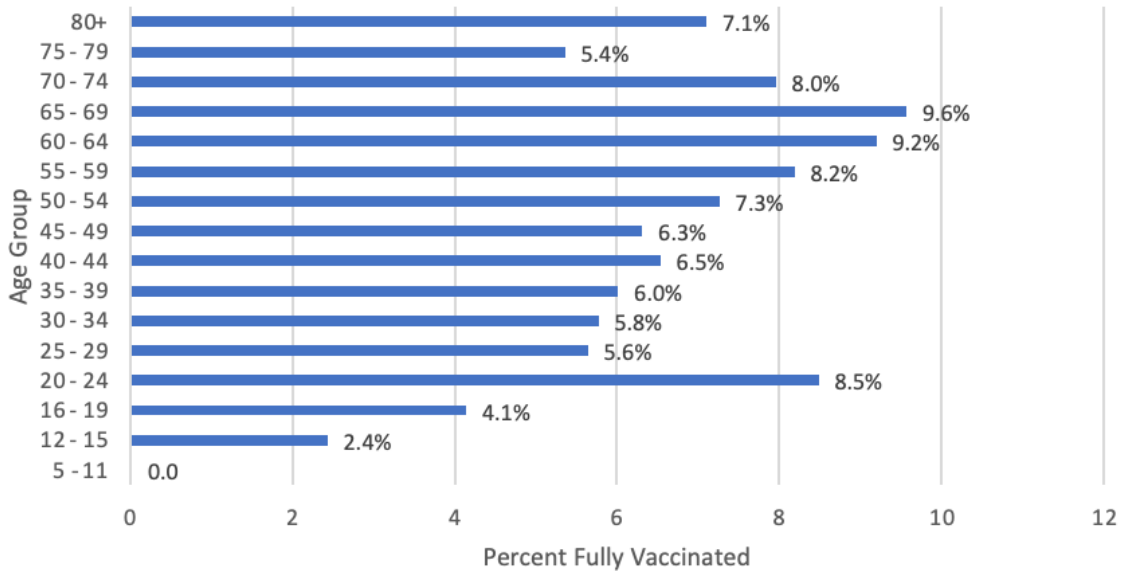
## Percent of Deaths by Race/Ethnicity

- White
- Black
- Hispanic
- Other

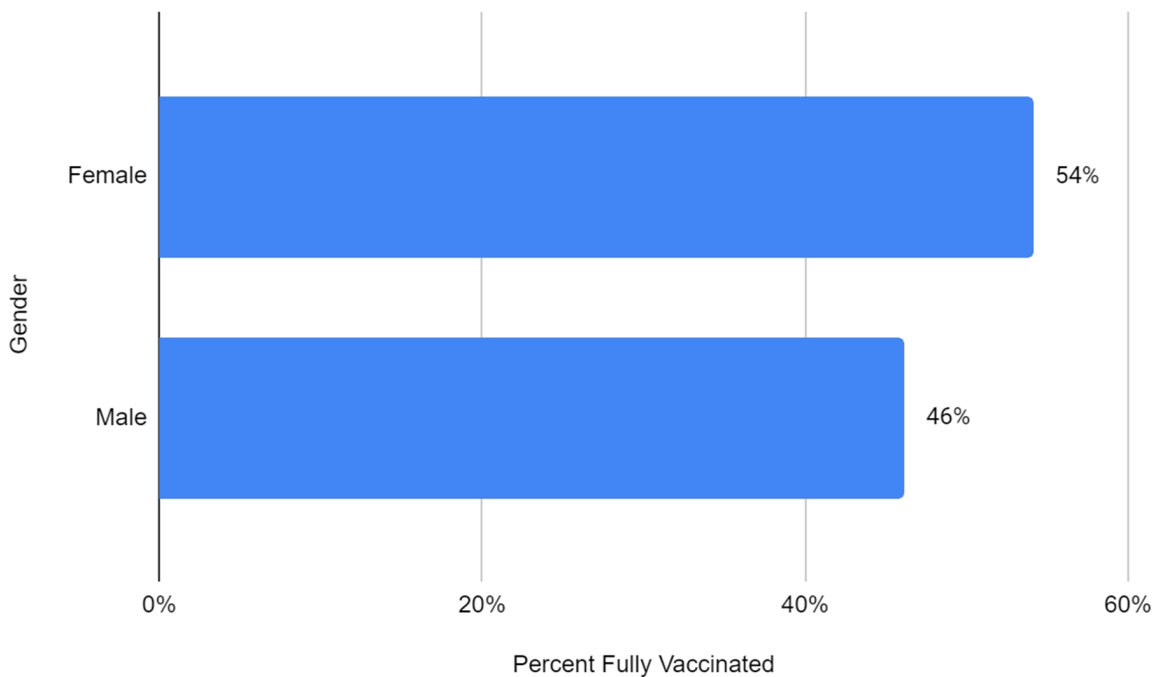


# COVID-19 Vaccinations

## Percent of Vaccinations by Age Group

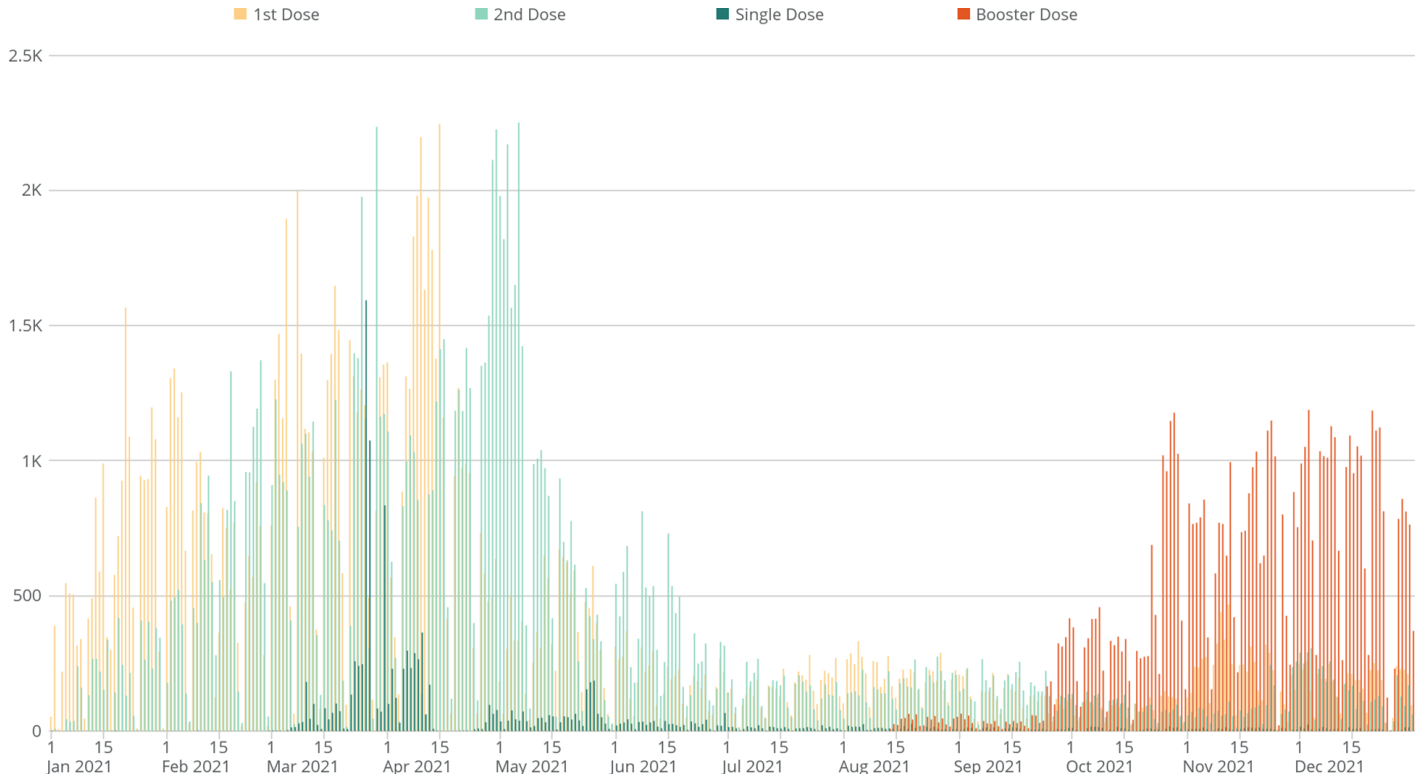


## Percent of Vaccinations by Gender



# COVID-19 Vaccinations

## Daily Vaccinations



## Cumulative Vaccinations

