



Kinship Care It's a 2-way Street



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Financial Disclosures

- Dr. Scott Hamstra and Lisa Tonrey, faculty for this CE activity, have no relevant financial relationship(s) with ineligible companies to disclose.
- None of the planners for this activity have relevant financial relationships to disclose with ineligible companies.
- The Arizona Alliance for Community Health Centers is accredited by the Arizona Medical Association to provide medical education for physicians.
- The Arizona Alliance for Community Health Centers designated the 2026 Arizona Immunization Conference educational activity for a maximum of 11 hours AMA PRA Category 1 Credits Physicians should only claim credit commensurate with the extent of their participation in the activity.
- The Arizona Pharmacy Association is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education.

Learning Objectives

1. Describe Kinship care

Formal Legal ----- Informal Reality

2. List VPD affecting both children & elderly

3. Describe ways to advocate for Kinship vaccination

ALL of you ARE the EXPERTS

Think
& Explore

Learn. . .
From each other

Interact
& have fun

Let's find out Who's in the room?

Roles & Expertise

Physician/NP/PA

Nurse

Pharmacist

Public health

Other

Work System

Outpatient Clinics

IHS, FQHC, DoD, VA

Pharmacies

State Health Dept

Patient Focus

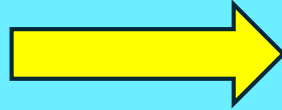
Pediatrics

Family Practice

Geriatrics

Let's find out Who's in the room?

Grandparent



**Do you watch over
your grandchildren**

Parent



**Do grandparents
watch over your
children**



KINSHIP CARE definition



Formal Legal Definition

DES/CPS: the full-time nurturing and protection of children by relatives, extended family members, or close family friends when children cannot live with their birth parents

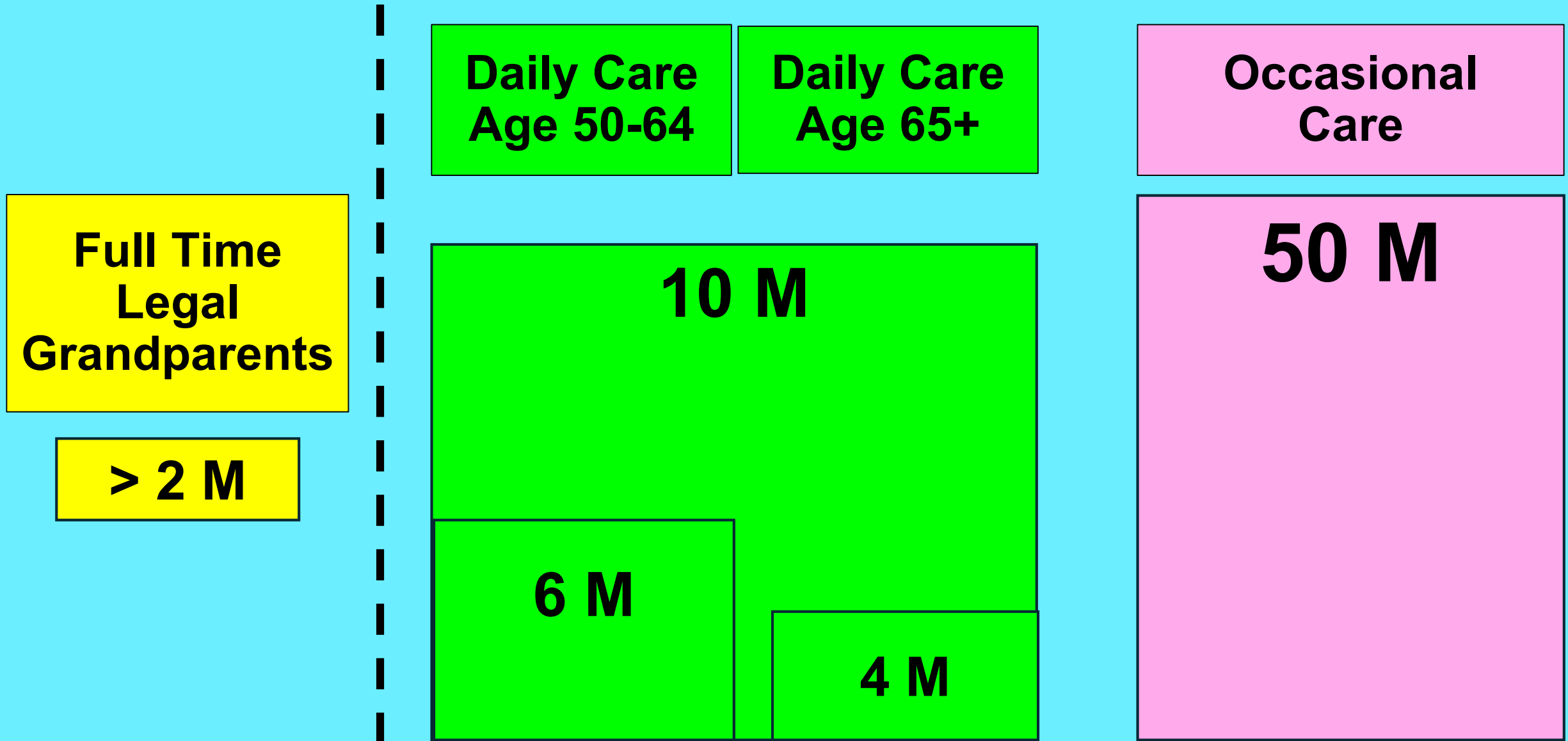
Informal Reality

“who’s watching our kids?”

real people

real family scenarios

Kinship Care - Grandparents



Grandparent Kinship Care - USA

American Indian
Alaska Native
Child

Living with GP

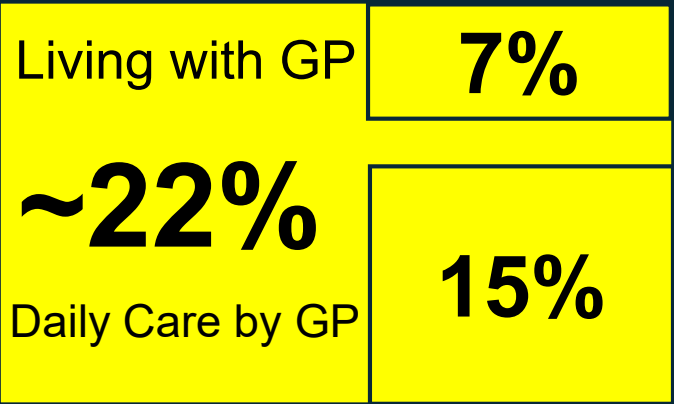


Black,
African American
Child

Daily Care by GP



Hispanic
households

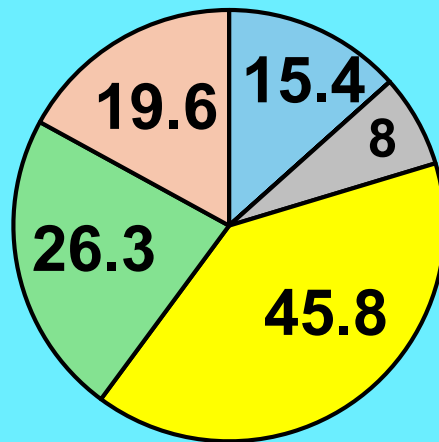


Grandparent Kinship Care in Arizona

**DES: Arizona Legal Kinship Care
73% Grandparents (#1)**

**Informal
Reality**

**Arizona when Grandparents SOLELY
Responsible**



AI/AN
Hispanic

Asian
White

Black
2+Races

**DES:
Informal Daily Care
19:1 ratio**

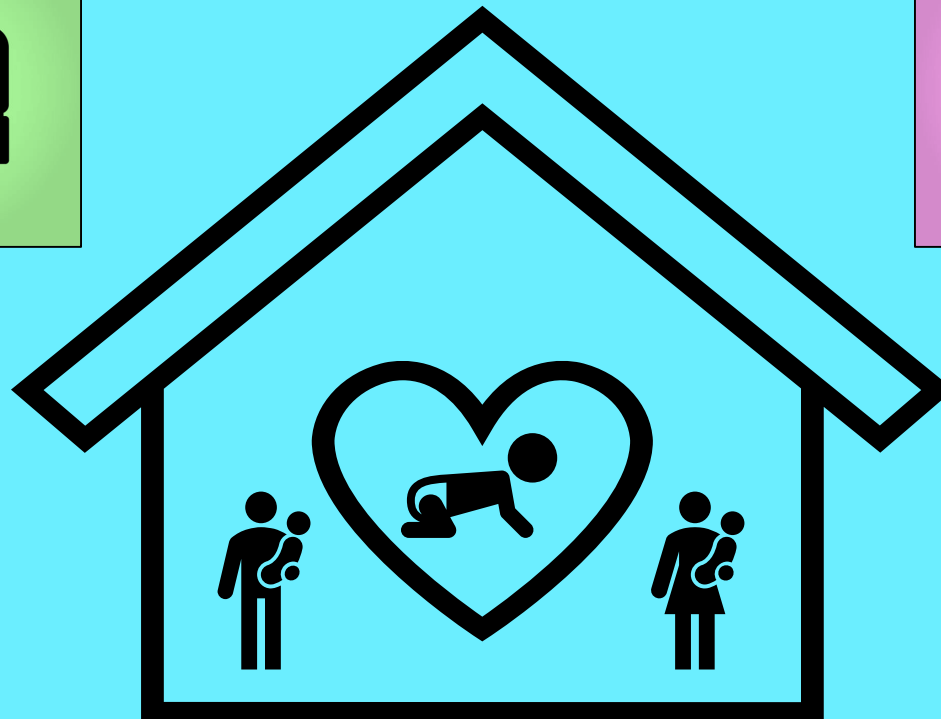
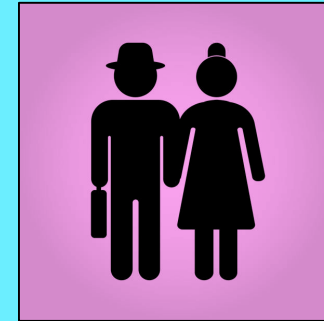
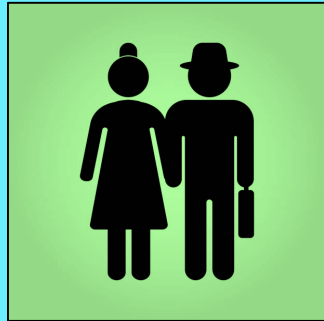
**For every 1 child
in the formal foster care system**

**19 children
are being raised by relatives
in informal arrangements
outside the system**

**AZ, a leading state with multigenerational households,
11.6% of all family households with children consist of 3+ generations.**

Kinship Care & Vaccines

When you advocate for childhood vaccines,
How many of you consider vaccinating grandparents?



High Risk Ages for Vaccine Preventable Diseases

Children

Ages 0-5

Total = 20 M

**10,000
births**

**Every
Single Day**

Baby Boomers

Age 62 — 80

Total = 80 M

**11,000
65th Birthdays**

2026 Baby Boomer Demographics

1946

Oldest
3.4 M births

2 M
now turn
80

1955

Middle Group
4.1 M births

3.1 M
now turn
71

1964

Youngest
4 M births

3.6 M
now turn
62

**5 Vaccine Preventable Diseases
affecting both
Children (0-6) & Elderly**



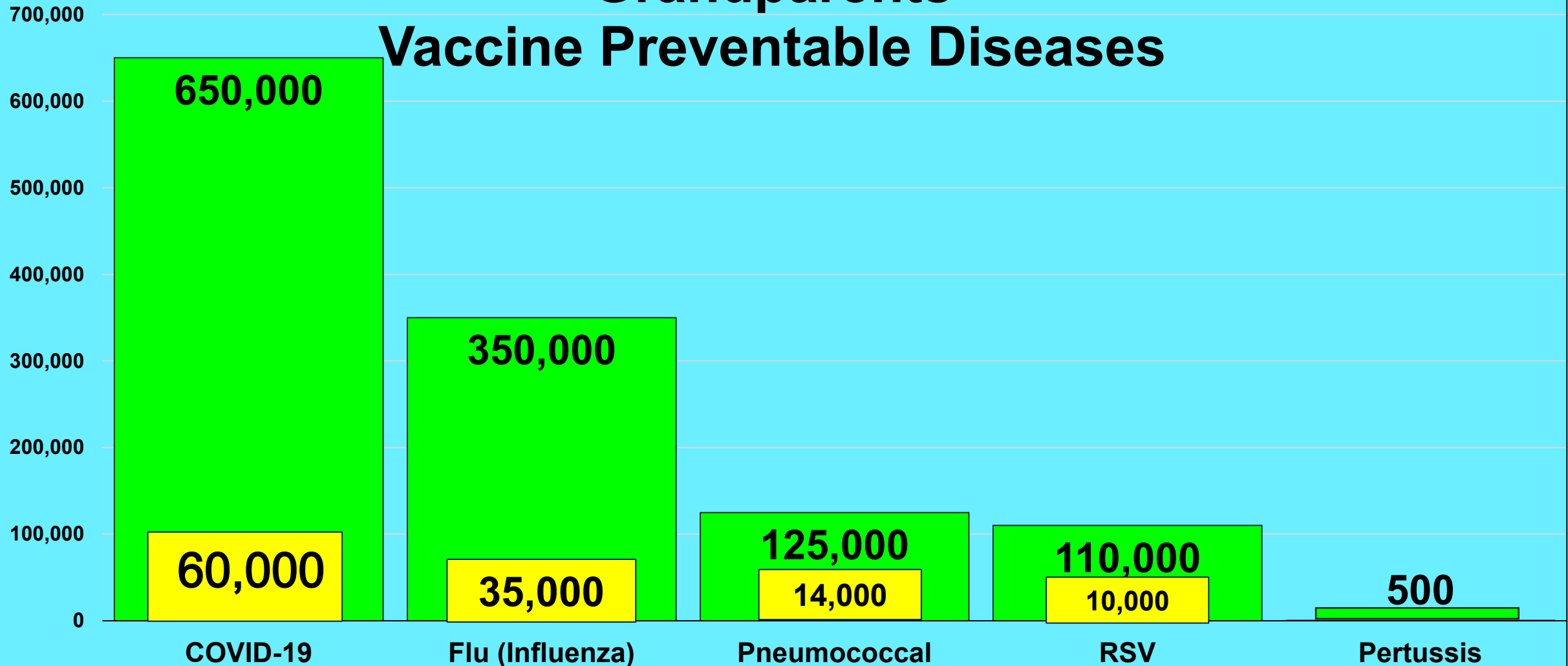
Hospitalizations

> 1 M Total every year

Deaths

> 100k Total every year

Grandparents Vaccine Preventable Diseases

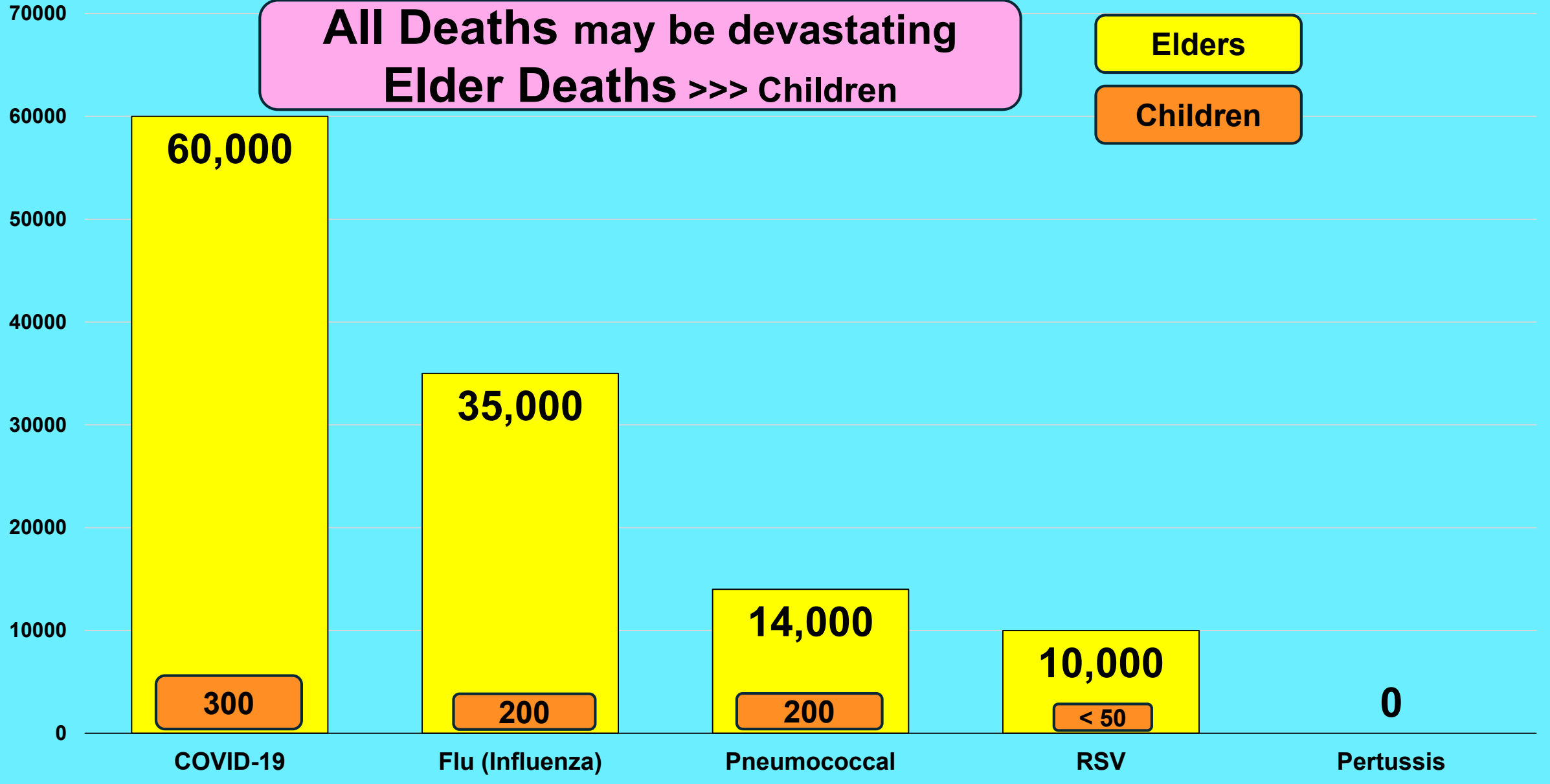


DEATHS: Annual Vaccine Preventable Disease

All Deaths may be devastating
Elder Deaths >>> Children

Elders

Children



Hospitalizations: Annual Vaccine Preventable Diseases

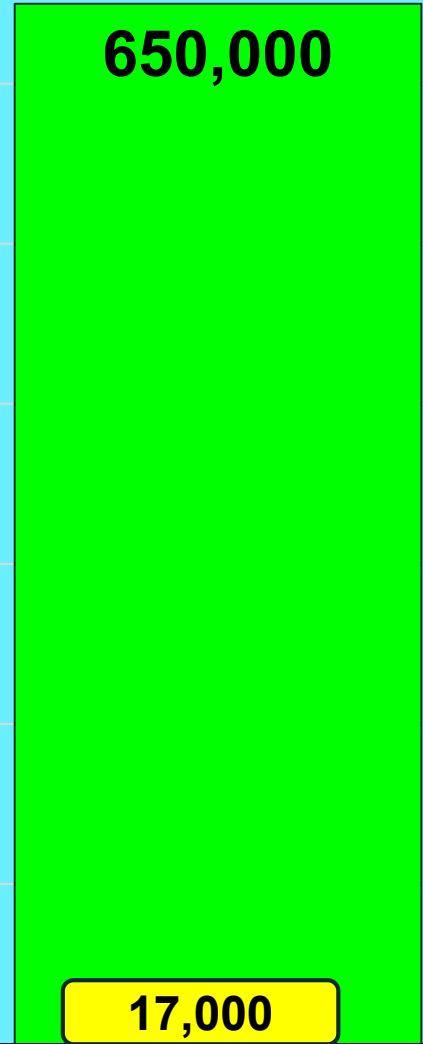
Elders

Children

Impacts Extended Family
Work, Finances, Childcare,
Relationships

Time in hospital
Plus . . . Recovery
(at home, rehab or nursing home)

700,000
600,000
500,000
400,000
300,000
200,000
100,000
0



COVID-19

Flu (Influenza)

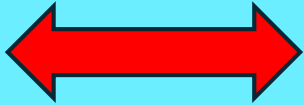
Pneumococcal

RSV

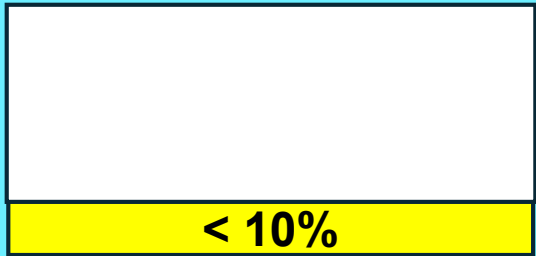
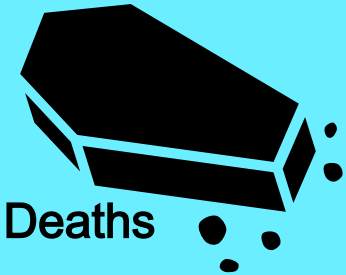
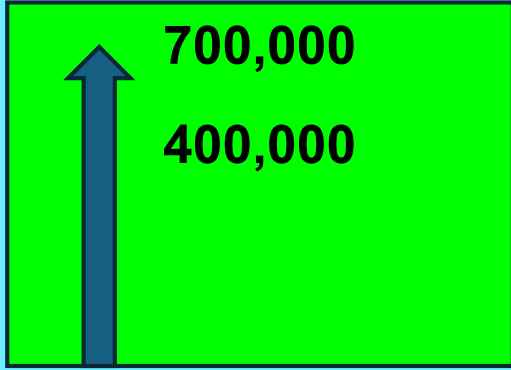
Pertussis

COVID

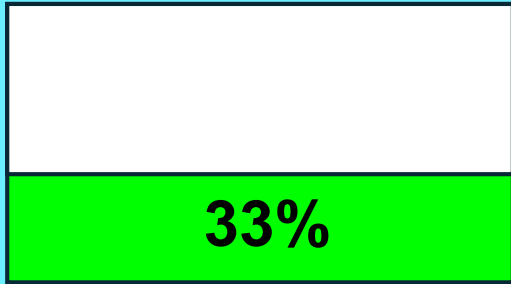
Young Children
(20 M)



Grandparents
(55 M)

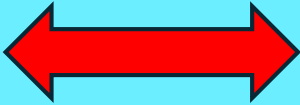


Goal
?

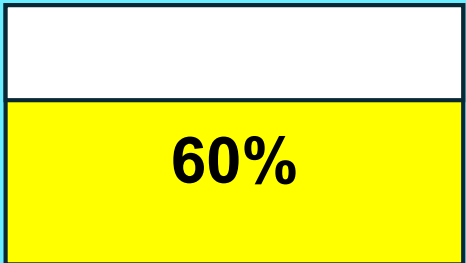
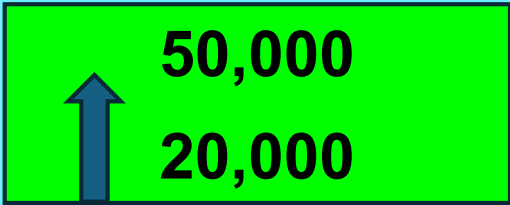
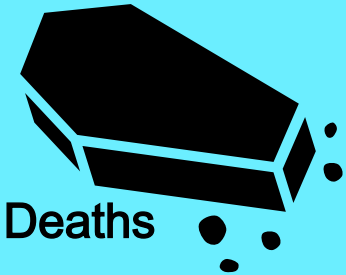
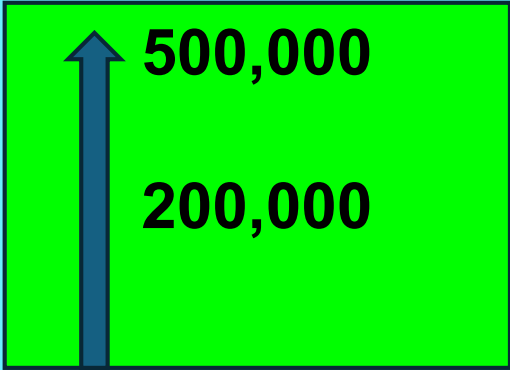


Flu

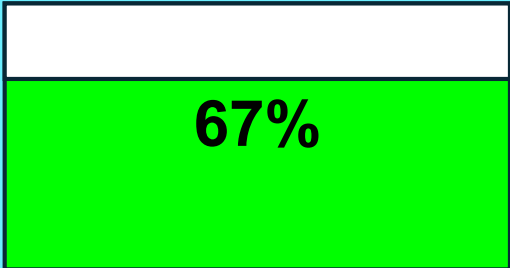
Young Children
(20 M)



Grandparents
(55 M)

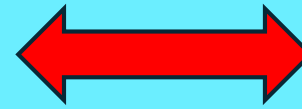


70%
GOAL

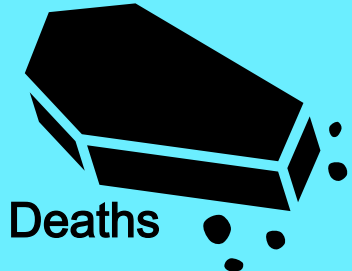
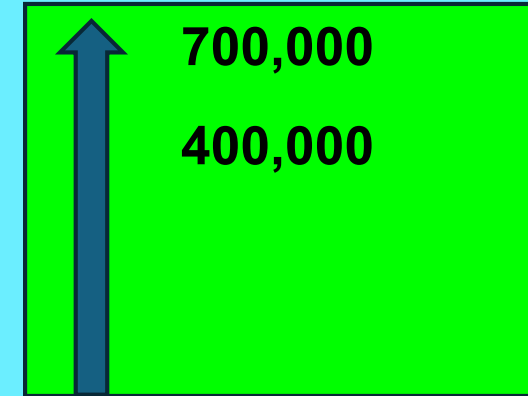


Pneumococcal

Young Children
(20 M)



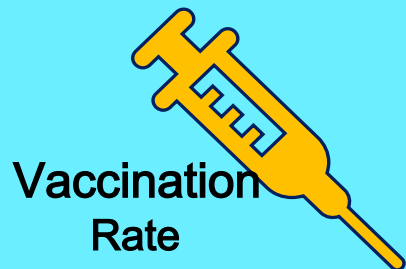
Grandparents
(55 M)



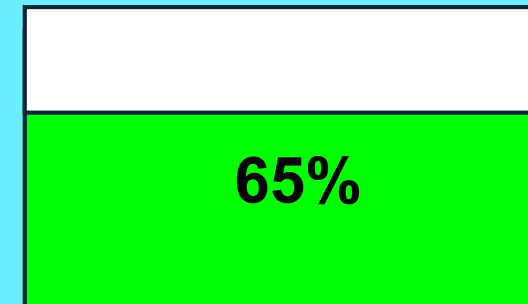
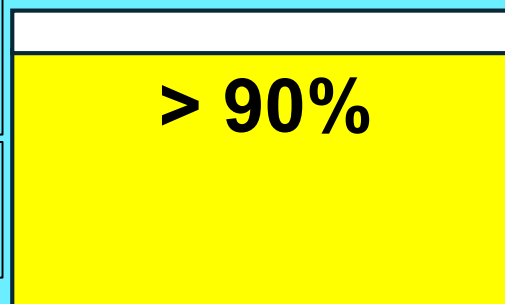
2000
PCV7



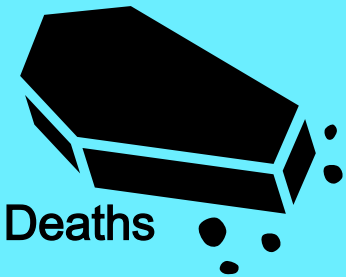
Goal
?



2010
PCV13
Today
PCV20/21



Pertussis

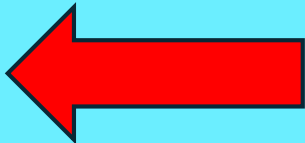


Unique Infants

DTaP 1-2-3 Rates @
2 m
4 m
6 m **

Young Children (2 M)

Grandparents (55 M)



ONLY 1 Kids > Elderly

3,000
1,000

< 500
Rare - reportable

< 20

* Rare

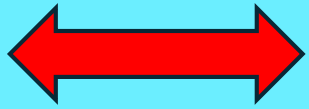
Goal ?

> 90%
Measured @ 24-35 m

45%

RSV

Young Children
(6 M)

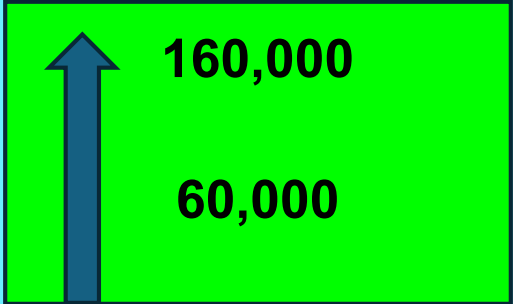


Grandparents
(55 M)

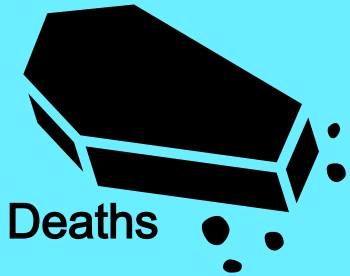
Infant RSV
16x > Flu



Hospitalizations



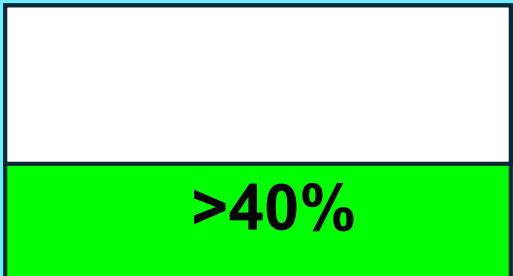
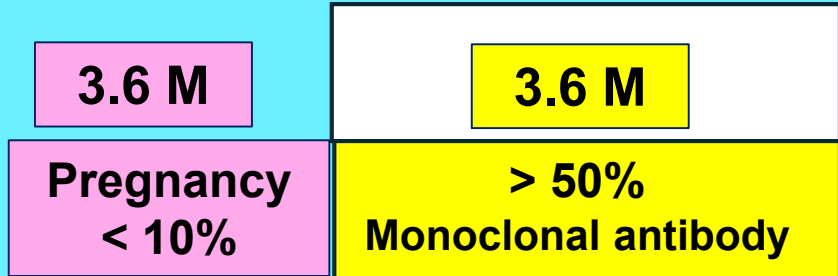
~ 2x
higher
than
Infants



Deaths



Vaccination
Rate



RSV disease => Elderly hospitalization
increases cardiovascular risks

JAMA Network Open study had more heart attacks, strokes and other cardiorespiratory events in the **weeks after hospitalization.**

Myocardial infarction	=	2.6 to 8.7 x
Stroke	=	7.4 x
Cardiac Dysrhythmia	=	16.5 x

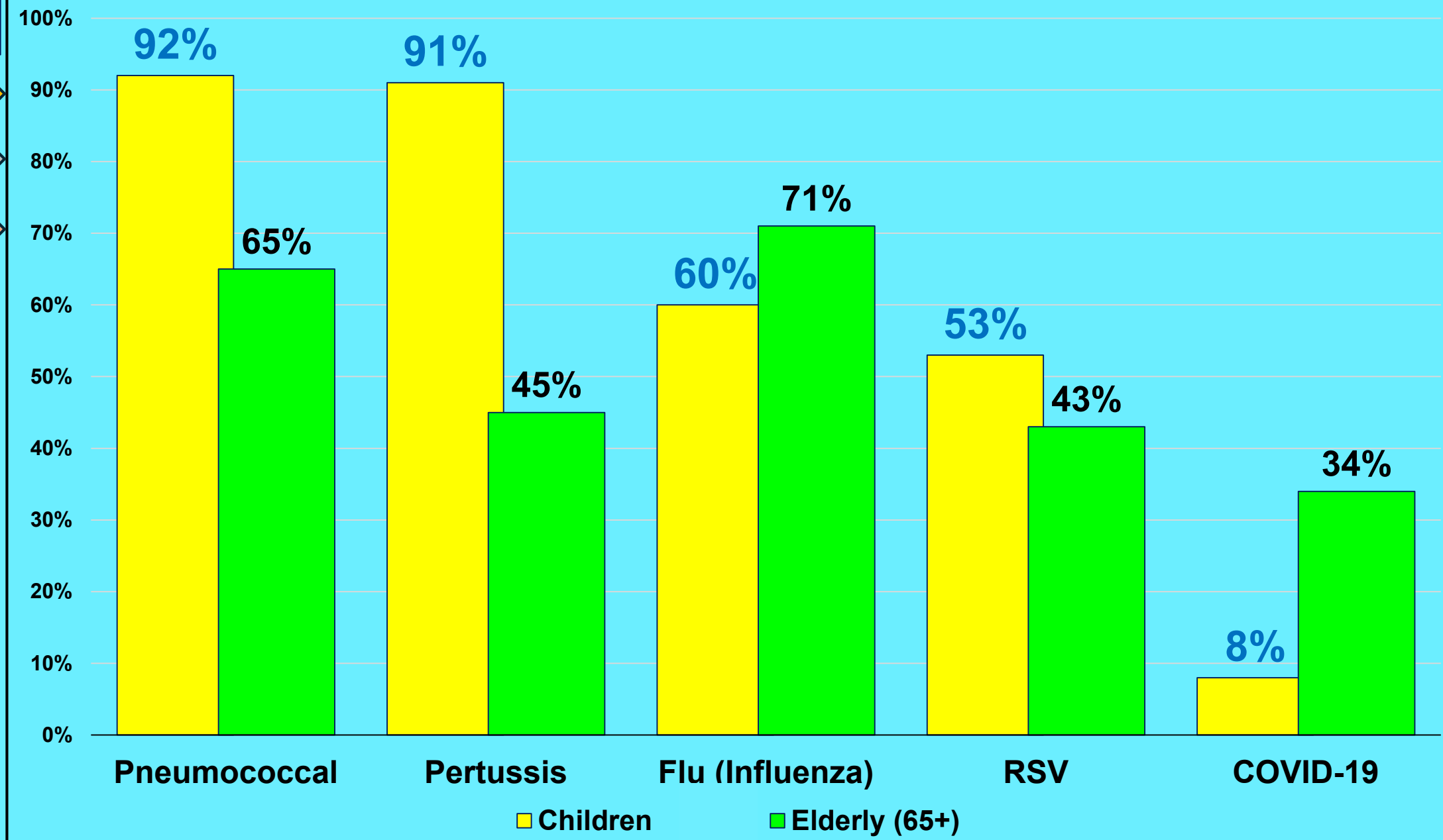


Gold

Silver

Bronze

Vaccination Rates



Summary – Take Home Points

- #1 Kinship Care 50% involved 50 M 65+**
- #2 VPD x 5 4 > Grandparents 1 > Children**
- #3 “Kinship” Vaccinations**
Rates NOT YET Optimal to protect BOTH groups

Who Vaccinates Whom?

* Annual Vaccination

Family Practice All Ages

	OB	Pediatrics Birth – 18 years	Pharmacists 13-18* 18+ #1 Adults 65+	
RSV		RSV mab	RSV	RSV
Flu		Flu*	Flu*	
Covid		Covid*	Covid*	
Tdap		DTaP (0-7y) ----- Tdap (7+)	Tdap	
		PCV 20/21		PCV 20/21

Age 3+
by Rx

* Annual Vaccination

Who Vaccinates Who?

Pharmacists in Arizona

#1 Adults

RSV pregnancy

RSV 60+? 75+ Elderly

3 y

Flu*

6 y

Covid*

13 y

Tdap

Age 3+ by Rx

PCV 20/21 50-64 & 65+ Elderly

Explore & Describe ways to
advocate for **Kinship vaccination**

**YOUR
IDEAS**

**YOUR
Success
Stories**

Appendix A



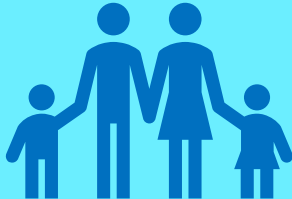
ASIIS

VFC

Pharmacists

GOAL: UNIVERSAL
All vaccines All Vaccinators

AZ Vendor Software Requirement
(Policy, Law or Regulation)



OB

Pediatrics
Birth – 18 years

Pharmacists
13-18* 18+.
65+

Family Practice
All Ages

OB

Pediatrics
Birth – 18 years

Pharmacists
13-18* 18+.
65+

Family Practice
All Ages

Appendix B

Kinship Vaccine -- Person Centric

Paper

VACCINE	DATE GIVEN	DOCTOR OFFICE OR CLINIC	DATE NEXT DUE
VARICELLA (chickenpox) <input type="checkbox"/> Red disease			
HEPATITIS A			
1			
2			
PNEUMOCOCCAL (Sandpiper-PCV) (Polysaccharide-PPV23)		<input type="checkbox"/> Gel <input type="checkbox"/> Poly	
1			
2			
3			
4			

IMMUNIZATION RECORD
Comprobante de Inmunización

REMAIN THIS DOCUMENT — CONSERVE ESTE DOCUMENTO

Digital



Vaccine Status & Plan

User Friendly
Practical

Person

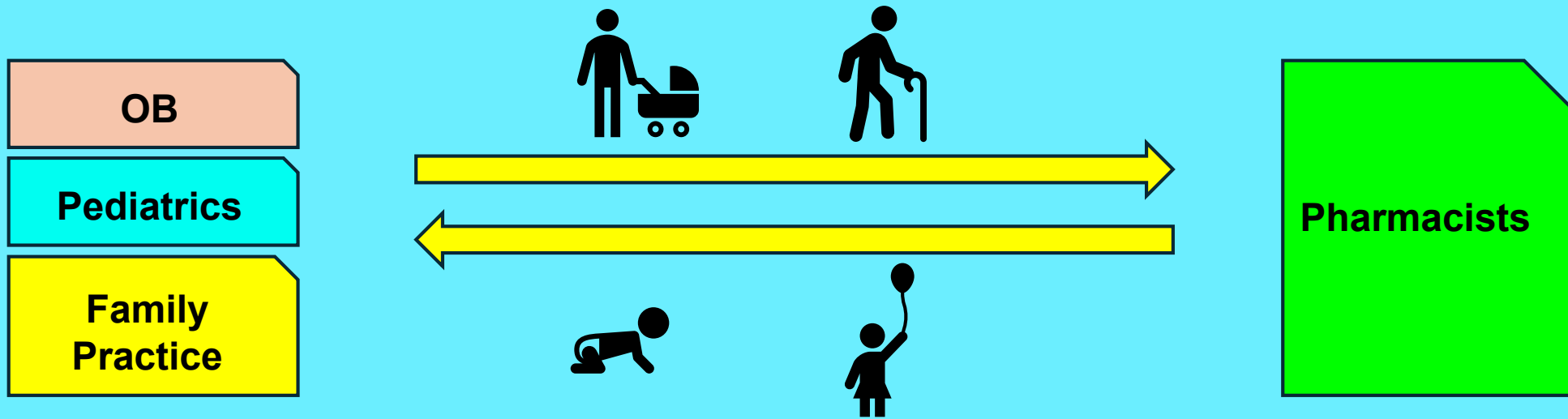
Household

Extended Family

VACCINE	DATE GIVEN	DOCTOR OFFICE OR CLINIC	DATE NEXT DUE
MM2			
MM4			
MM5			
MM6			
MM7			
MM8			
MM9			
MM10			
MM11			
MM12			
MM13			
MM14			
MM15			
MM16			
MM17			
MM18			
MM19			
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MM90			
MM91			
MM92			
MM93			
MM94			
MM95			
MM96			
MM97			
MM98			
MM99			
MM100			

Appendix C Kinship Vaccine Advocacy

Teamwork – Partnership Communication



Vaccination Referrals

Paper

Electronic

References :



<https://www.gksnetwork.org/kinship-data/>

Grandparents *For* Vaccines

A storytelling movement to protect every child's tomorrow.



<https://grandparentsforvaccines.com/>

[grandfamilies.org](https://www.grandfamilies.org)

<https://www.grandfamilies.org>

3 main national data sources on kinship/grandfamilies

[cdc.gov](https://www.cdc.gov)

1. U.S. Census Bureau
 2. Adoption and Foster Care Analysis and Reporting System (AFCARS)
 3. Annie E. Casey Foundation Kids Count Data Center
1. Rates of vaccine preventable diseases
 2. Rates of vaccination in children and older adults

Continuing Education

If you would like to claim CE Credits:

**A QR Code will be displayed in
the MAIN HALL
at the end of the day**

The following CE credits are available:

CMEs for Physicians (Doctors, NPs, PAs)

CE Contact Hours for Nurses (RNs, LPNs)

CMEs for Medical Assistants

Certified Health Education Specialists CEs (CHES)

Social Worker CEs (National Association of Social
Workers)

Pharmacy Continuing Education

