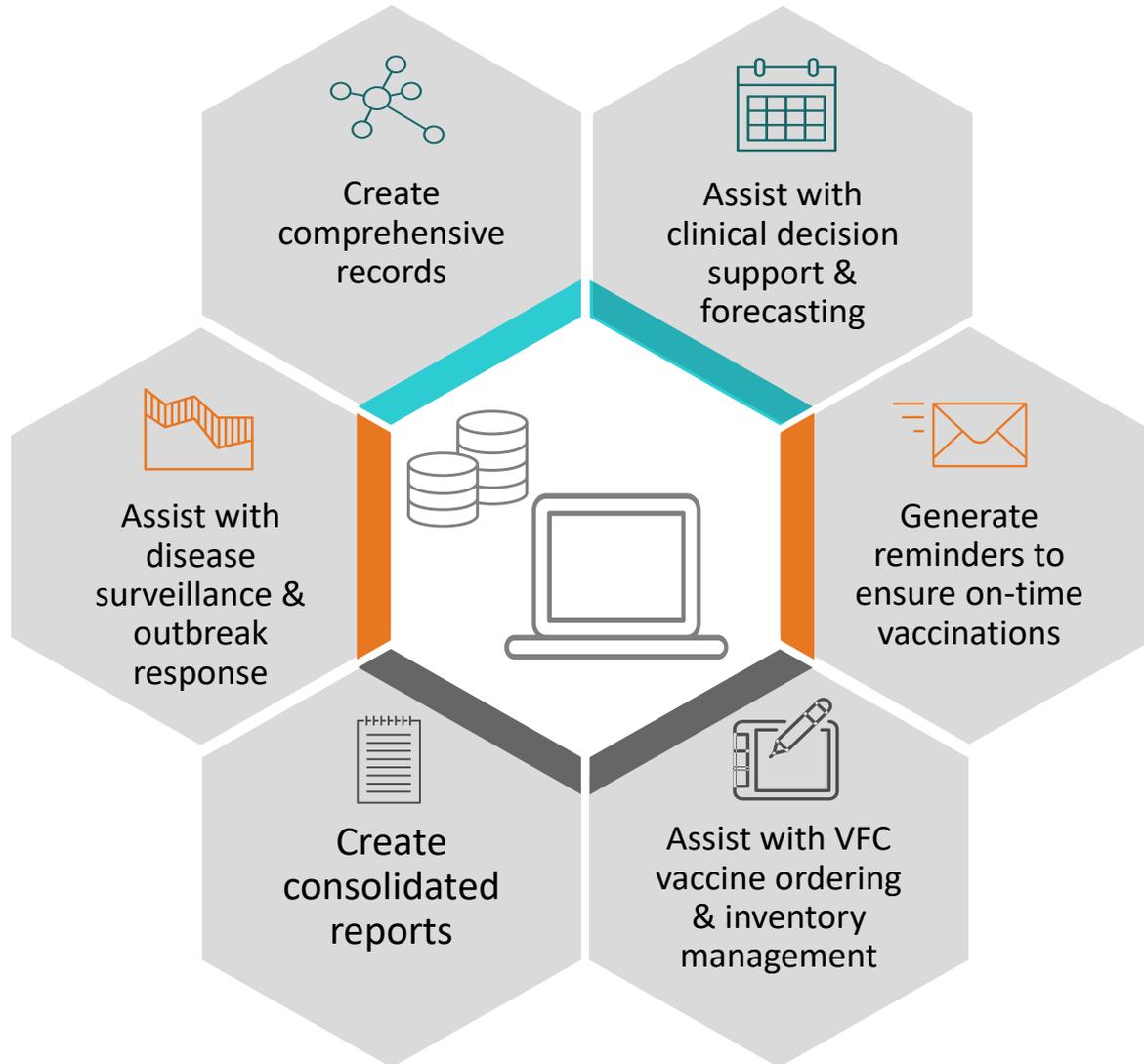




TennIIS

Tennessee Immunization Summit, August 21, 2020

What is TennIIS?



Who can use TennIS?



Healthcare providers



Pharmacists



Schools

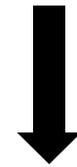


Childcare administration

Who is
reporting
to TennIIS?

13,696

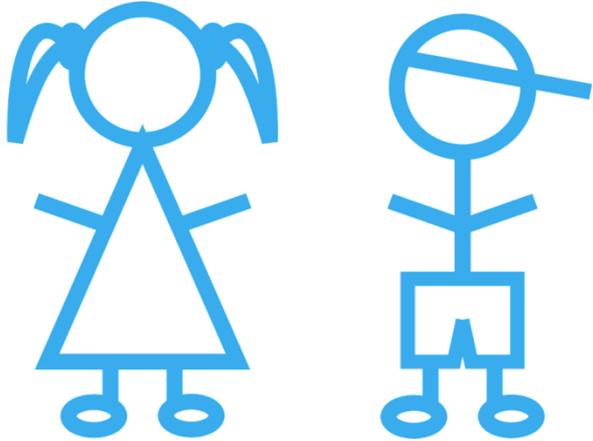
users



5,735

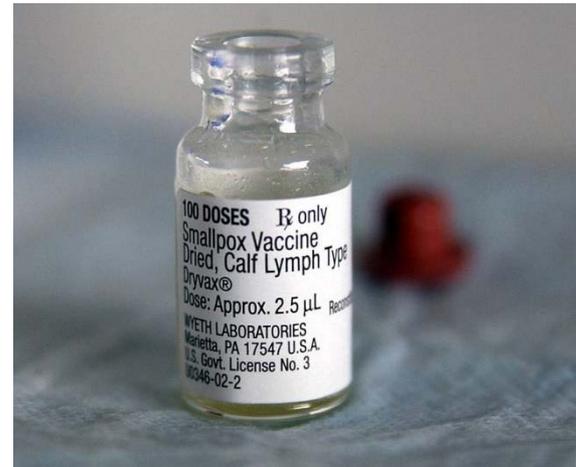
facilities

How much data is already in TennIIS?



78 mil
vaccinations

8.2 mil
patients



**How can
non-clinical
staff find out
what vaccines a
patient needs?**

The TennIS Forecaster shows which vaccines are due and when they are due – all TennIS users can access this.

Vaccination Forecast					
The forecast automatically switches to the catch-up schedule when a patient is behind schedule.					
Vaccine Family	Forecasted Dose	Recommended Date	Minimum Valid Date	Overdue Date	Status
FLU	B	10/25/2016	10/25/2016	11/24/2016	Past Due
DTaP/DT/Td	5	06/27/2019	06/27/2019	06/27/2022	Not Yet Due
MMR	2	06/27/2019	07/25/2016	06/27/2022	Not Yet Due
POLIO	4	06/27/2019	06/27/2019	07/27/2019	Not Yet Due
VARICELLA	2	06/27/2019	09/19/2016	06/27/2022	Not Yet Due
HPV	1	06/27/2026	06/27/2024	06/27/2028	Not Yet Due
MENINGOCOCCAL	1	06/27/2026	06/27/2025	06/27/2028	Not Yet Due

**Who can
validate a
student's
vaccinations in
TennHS?**

The Immunization Certificate Validation Tool can be generated by any TennIIS user and does not require the signature of a healthcare provider.

CERTIFICATE OF IMMUNIZATION

TN Department of Health

Child's Name (Last name, first name, middle) _____ Birthdate (mm/dd/yy) _____

Parent/Guardian Name (Last name, first name, middle) _____

Phone (please include area code XXX-XXX-XXXX) _____

Address _____

City _____ State _____ Zip Code _____

Section 1a. Religious Exemption
 Check here if religious exemption to immunization selected by parent/guardian

1b. Health Examination Documentation (if required)
 This child has been examined: MM/DD/YY _____

Certified by (Signature/Stamp) _____

1c. Check if needed
 Dental Screening
 Vision Screening

Unless specifically exempted by law, Tennessee law requires a certificate on file for each child in attendance in any school or child care facility in Tennessee. Online instructions for this form and explanation of requirements are in "TN Summary of Immunization Rules- Certificate Instructions" at the Tennessee Department of Health website: <http://www.tn.gov/health/immunization> and on the Tennessee Immunization Information System (www.tn.gov/health/immunization).

VACCINE	DATE MM/DD/YY												
Section 2a. Required Vaccines for School or Child Care Attendance (Dates Required)													
Hib <small>Child Care Only (4-6 years)</small>													
Pneumococcal (PCV) <small>Child Care Only (4-6 years)</small>													
DTP, DTap, DT, Td													
Polio/myelitis													
Hepatitis B <small>Check here if 11-15 years (Dates schedule used)</small>													
Hepatitis A <small>Child Care Effective 7/2010 Kindergarten Effective 7/2011</small>													
Measles													
Mumps													
Rubella													
Varicella													
Tdap Booster <small>7th Grade Entry Only</small>													
Section 2b. Recommended Vaccines (Documentation Optional)													
Rotavirus													
Influenza													
Meningococcal ACWY													
HPV													

Section 3. Provider Assessment (select one*, not valid if blank)

A) Temporary Certificate - Expires MM/DD/YYYY
*Expires one year after date next catch-up immunization is due.

B) Up to Date for Child Care Entry and <18 Months of Age
Only if requirements complete, but up to date for age. Expires at 18 months of age.

C) Complete for Child Care / Pre-School*
Fulfills all requirements for child care / pre-school or pre-K under 5 years of age. ...

D) Complete K-4th Grade*
Fulfills requirements, Kindergarten through 4th grade.

E) Complete 7th Grade or Higher
Fulfills requirements, 7th grade or higher.

*Age 4 years and fulfills requirements for Pre-School and Kindergarten, check BOTH Boxes C and D.

Section 4. (Required) Name, Address, Phone of Qualified Provider
 (MD, DO, RN, Advanced Practice Nurse or Health Department)

Certified by (Signature/Stamp) or TennIIS _____

_____/_____/_____
 Date of Issue

What about **adult
immunization
records in
TennIS?**

The College-Aged Adult Record can be used for adults looking for a copy of their record.

Page 1 of 2

TN Department of Health
FIRST MIDDLE LAST Date of Birth: 01/01/1999 (123)456-7890 123 MAIN ST, NASHVILLE, TENNESSEE 37243

Featured Vaccines

Measles	Mumps	Rubella
Dose1 01/01/2000	Dose1 01/01/2000	Dose1 01/01/2000
Dose2 01/01/2004	Dose2 01/01/2004	Dose2 01/01/2004
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
Complete	Complete	Complete
Meningococcal A,C,W,Y	Hepatitis A	HPV
Dose1 07/27/2018	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
Complete	No Doses Recorded	Past due
Varicella	Hepatitis B	Tetanus/Diphtheria/Pertussis
-----	Dose1 01/01/1999	Dose1 03/01/1999
-----	Dose2 03/01/1999	Dose2 05/01/1999
-----	Dose3 07/01/1999	Dose3 01/01/2005
-----	-----	Dose4 07/27/2018
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
History of Disease	Complete	Complete

Produced by the Tennessee Immunization Information System: 07/27/2018 11:52:32 AM
 CENTRAL OFFICE TDH ANDREW JOHNSON TOWER 3RD FLOOR NASHVILLE TN 37243 (615)253-6915

Page 2 of 2

TN Department of Health
FIRST MIDDLE LAST Date of Birth: 01/01/1999 (123)456-7890 123 MAIN ST, NASHVILLE, TENNESSEE 37243

Complete Vaccination Record

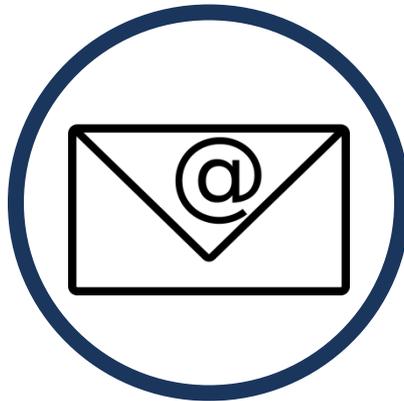
Vaccine	Dose	Date	Age
DTaP/DT/d			
DTaP	1	03/01/1999	2m
DTaP	2	05/01/1999	4m
DTaP	3	01/01/2005	6y
HEP-B 3 DOSE			
Hep B Ped/Adol - Preserv Free	1	01/01/1999	0m
Hep B Ped/Adol - Preserv Free	2	03/01/1999	2m
Hep B Ped/Adol - Preserv Free	3	07/01/1999	6m
MMR			
MMR	1	01/01/2000	12m
MMR	2	01/01/2004	5y
MENINGOCOCCAL			
meningococcal MCV4P	1	07/27/2018	19y
Tdap			
Tdap	1	07/27/2018	19y

An "X" marks vaccines administered outside of the ACIP recommended schedule. These doses may be considered invalid for the purposes of complete immunization.

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**How can I get
patients back to
my office for
future doses?**

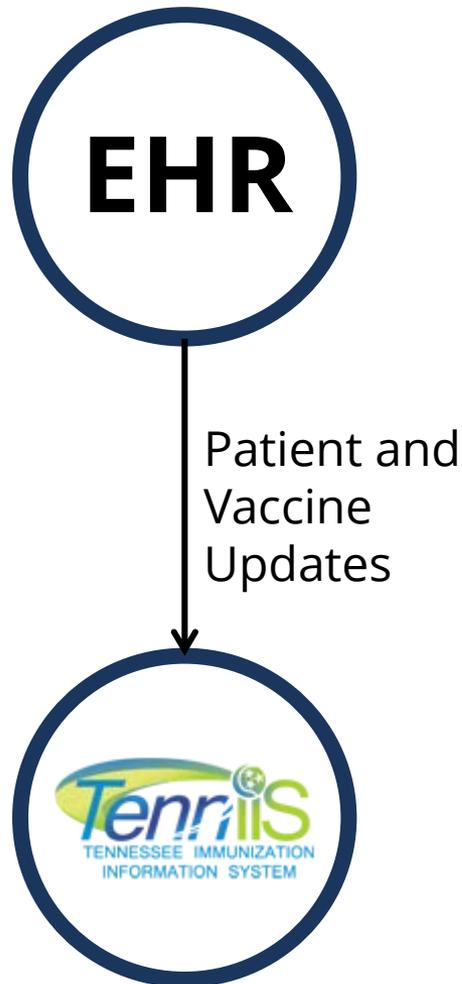
Reminder/Recall allows providers to notify patients about upcoming or past due vaccinations.



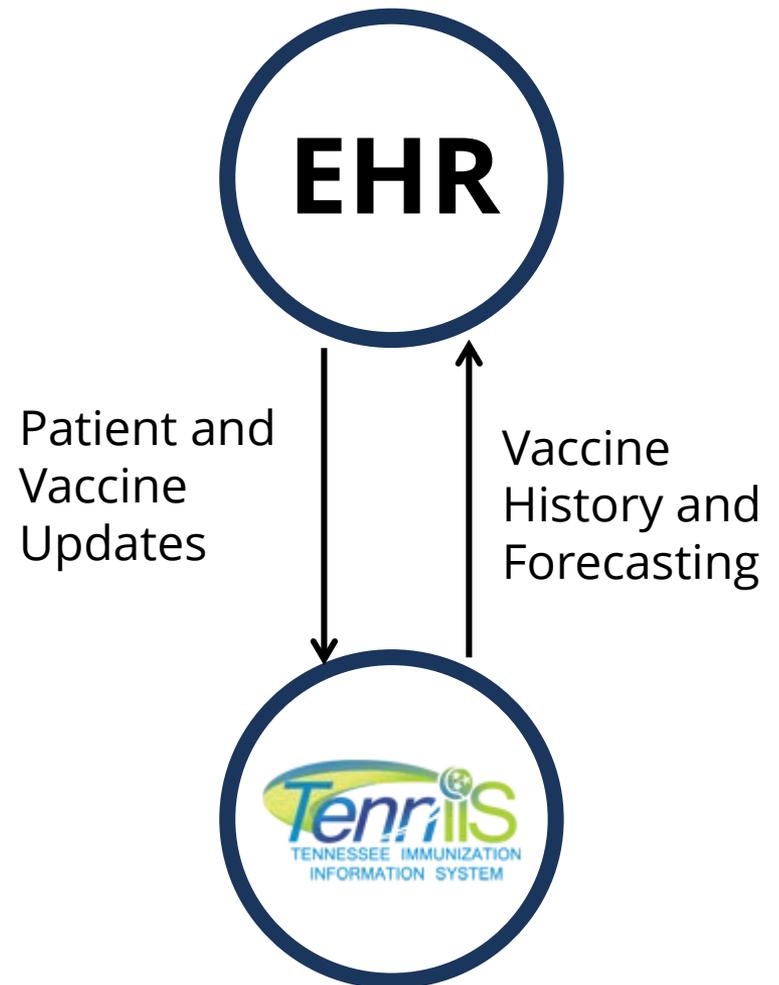
**How can I use
TennIS in
conjunction
with my **EHR**?**

We can set up **connections** between EHRs and TennIIS.

Uni-directional



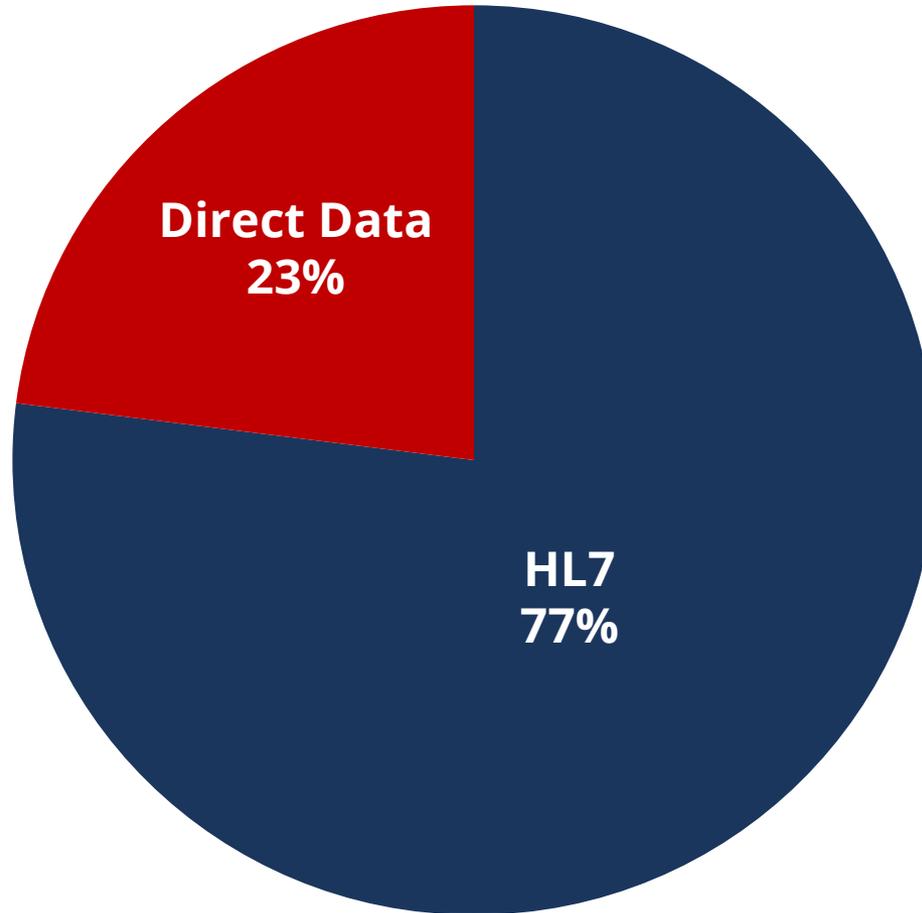
Bi-directional



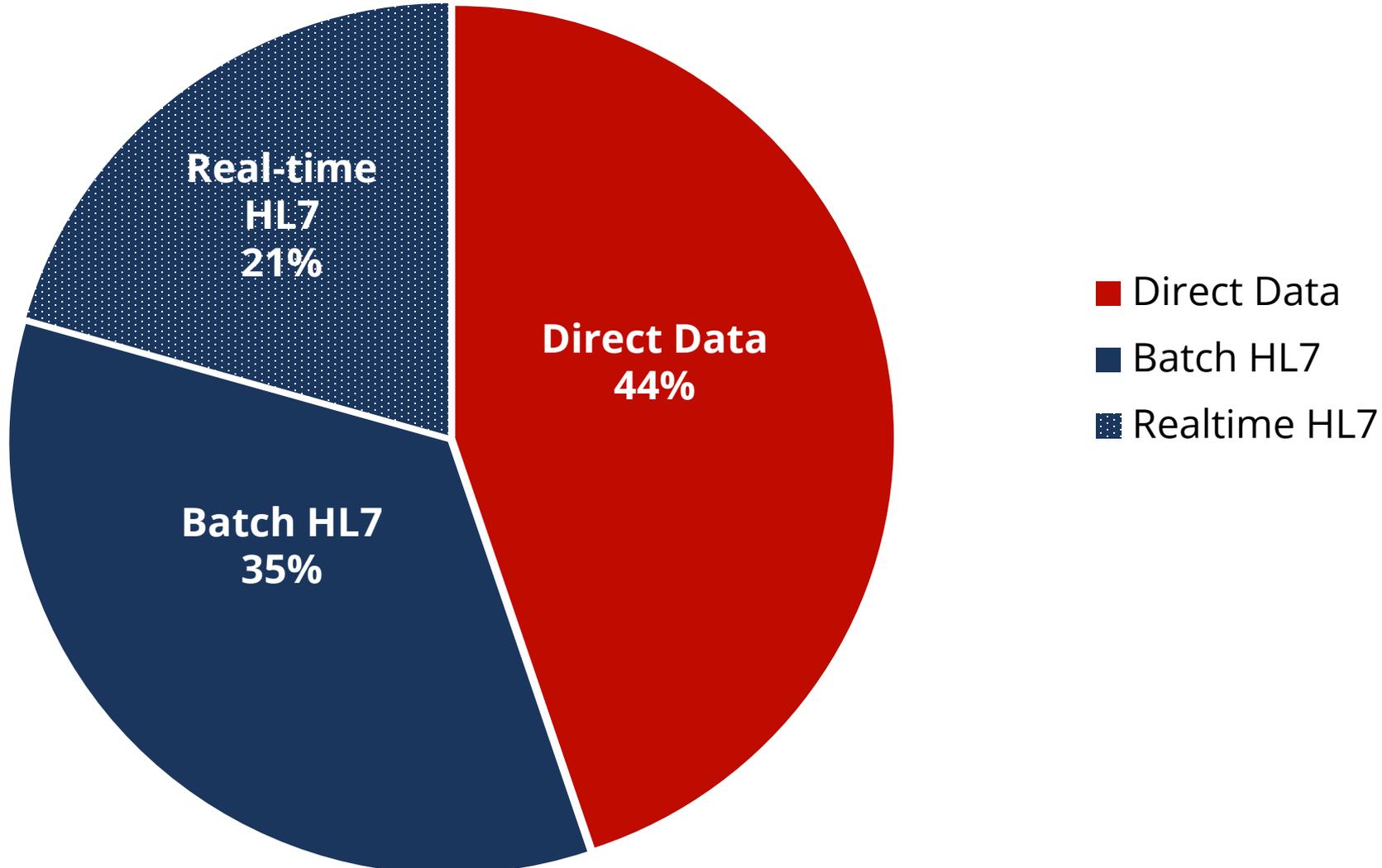
Current list of EHRs with Live TennIIS Connections:

EHR	Connection Type		Message Type	
Vendor Name	Batch SFTP	Real-time	Can send patient and vaccine updates	Can query for patient and vaccine records (bidirectional)
ALLSCRIPTS	Y	Y	Y	Y
ATHENA	Y	Y	Y	Y
CERNER	Y	Y	Y	Y
CPSI (EVIDENT)	Y	Y	Y	Y
ECLINICALWORKS	Y	Y	Y	Y
EMDS	Y	Y	Y	Y
EPIC	N	Y	Y	Y
GREENWAY	N	Y	Y	Y
IRONBRIDGE	N	Y	Y	Y
MEDHOST	Y	Y	Y	Y
MEDINFORMATIX	Y		Y	N
MEDITECH	Y		Y	N
NEXTGEN	Y	Y	Y	Y
OFFICE PRACTICUM	Y		Y	N
PCC	N	Y	Y	Y
PCIS	Y		Y	Y
PRESCRIBE WELLNESS	N	Y	Y	Y
PULSE	Y		Y	N
STC (ImmsLink)	Y	Y	Y	Y
VERACITY	Y		Y	N

Of the **almost 9 million vaccinations** added in FY2019...



% of facilities in TennIIS exchanging data real-time is increasing!

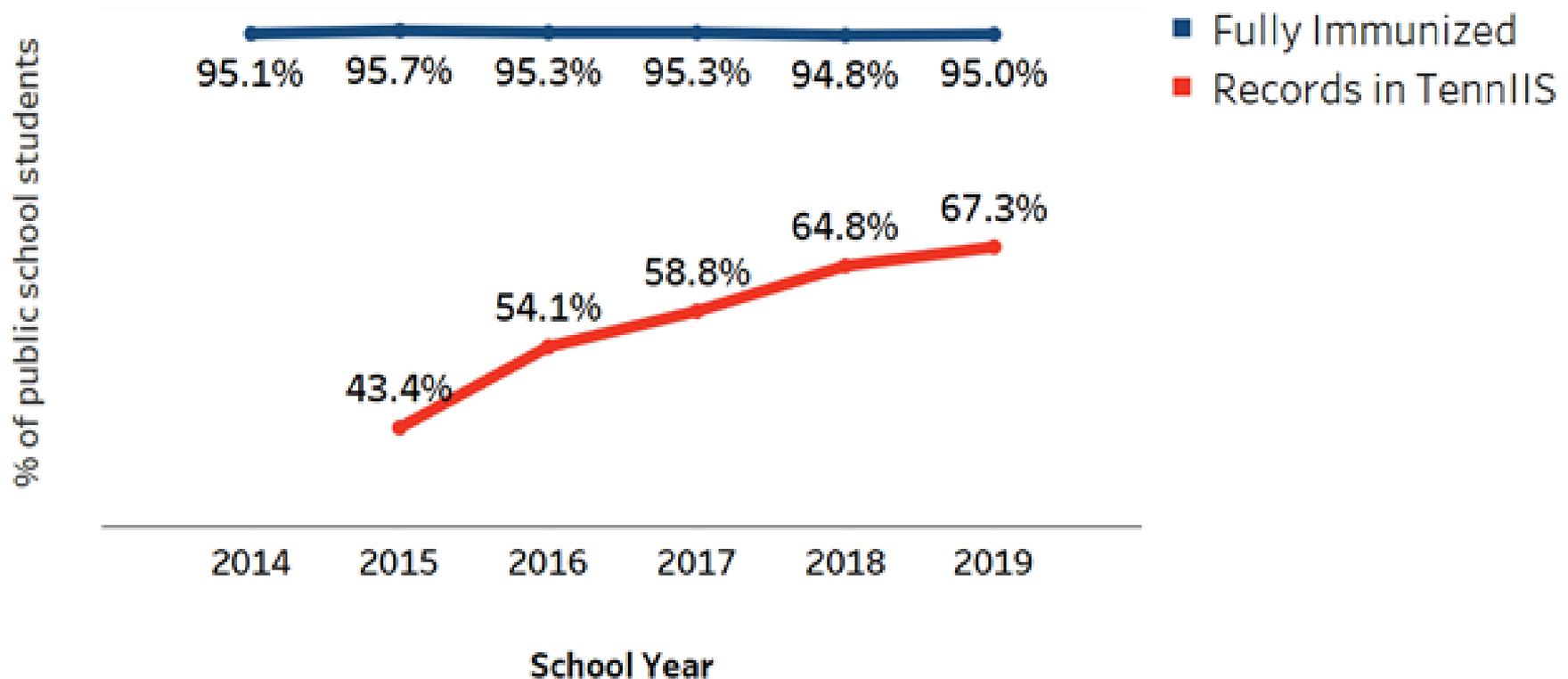


**What percentage
of vaccines are in
TennIS?**



is **NOT mandatory
(except for VFC providers
and public health)**

The % of public school kindergarteners that had all their required immunizations in **TennIS** rose by 24 percentage points in four years!





TennIIS and COVID-19

COVID-19 and TennIIS

Pandemic Survey

Encouraging vaccinating providers to register as TennIIS users to update and check on vaccination status



Reminder /Recall



It is assumed that more than one dose of vaccine may be needed for immunity => TennHIS' forecasting and reminder/recall capabilities can assist providers when reaching out to patients who are due for a first or follow-up dose

How can you become a **TennIIS Pro?**

Visit

www.TennesseeIIS.gov

And click “Register” to use TennIIS

To set up data exchange
between your electronic
health record system and
TennIIS, contact

TennIIS.MU@tn.gov

Questions?

Nathalie.Hartert@tn.gov