ARIZONA DEPARTMENT
OF HEALTH SERVICES

Introduction to

ASIIS for School and Child Care Staff

Bureau of Immunization Services (BIZS)

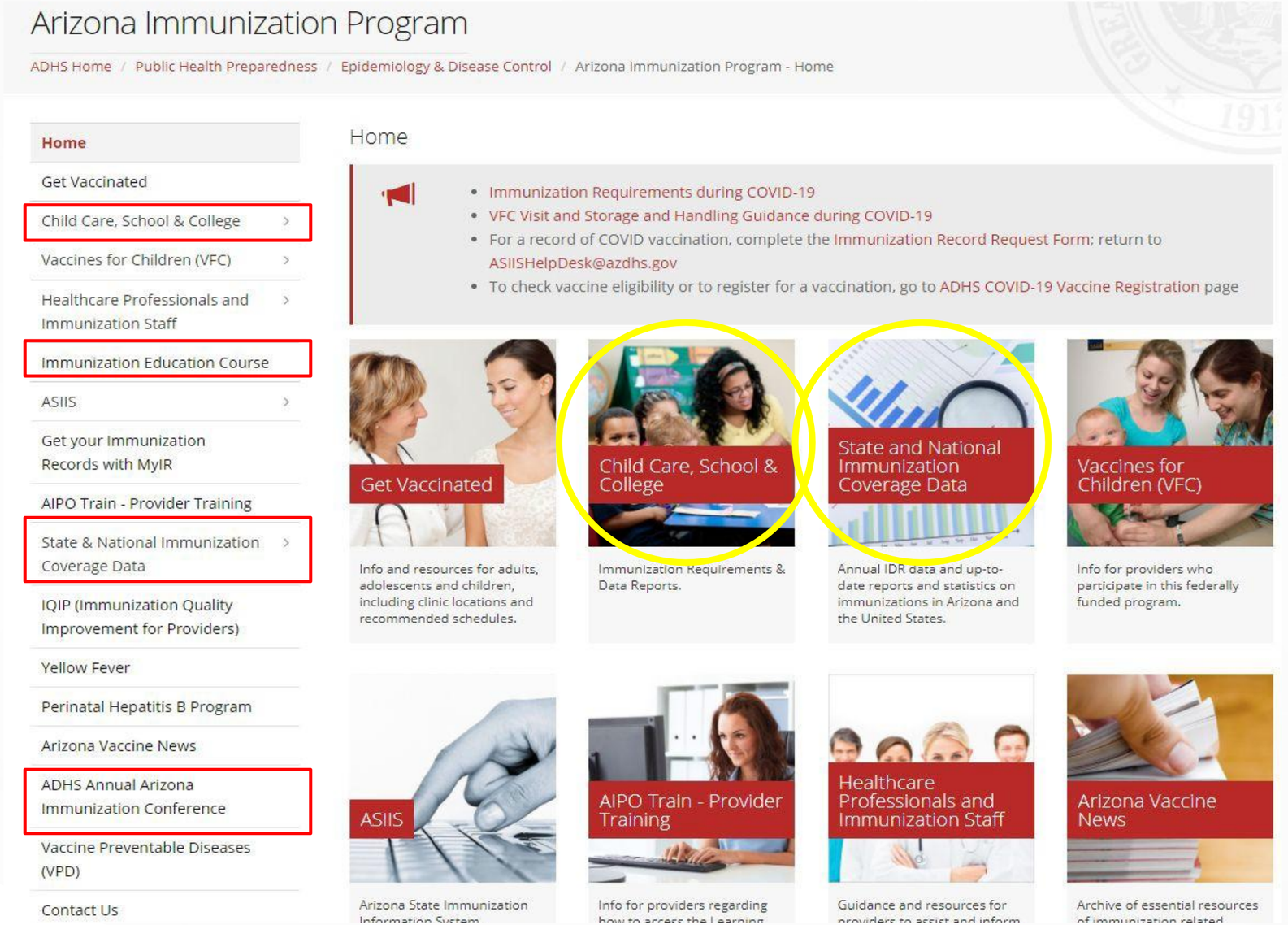
2024

Table of Contents

- BIZS website resources
- New ASIIS user info
- How to Reset a Password
- How to Search for a Student in ASIIS
- Summary Screen vs View/Add Screen
- How to use the Forecast Information
- FAQs

ADHS

Resources on BIZS Website



ADHS

BIZS

School and Child Care Immunization Resources

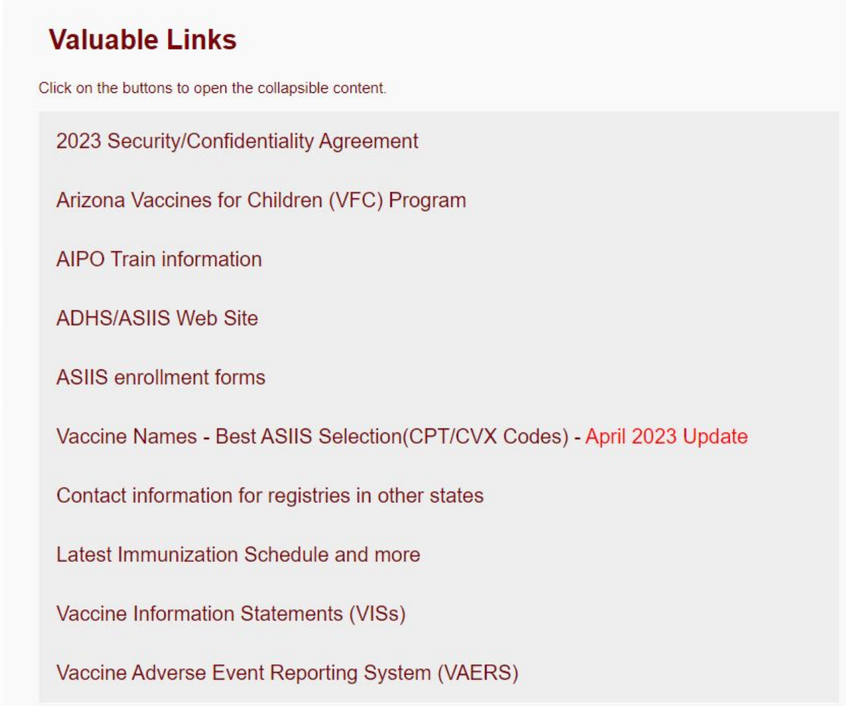
- Arizona Immunizations Home page
- Child Care, School and College webpage
- Immunization Requirements and Forms
- Immunization Data Reports (IDR)
- State & National Immunization Coverage Data

ADHS

Welcome New User!

You have received your temporary password from our ASIIS HelpDesk Team.

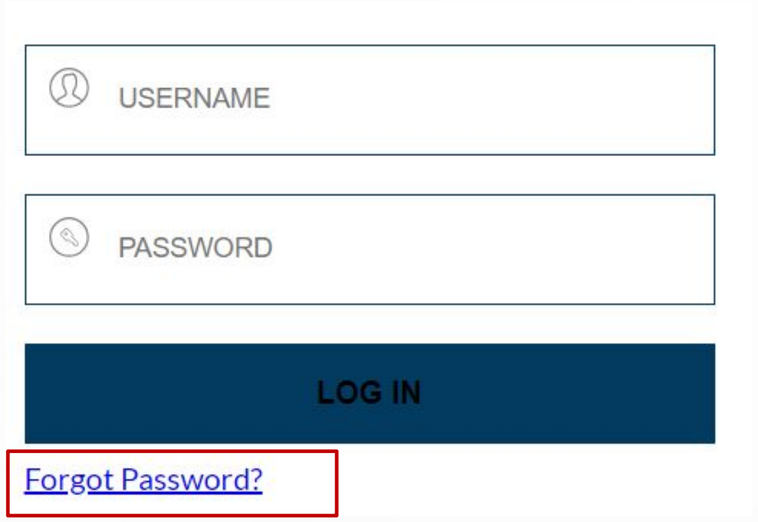
Go to the asiis.azdhs.gov login page – save this as a favorite so you can easily open when needed.
This page also has the following:
Announcement section
Valuable Links – of most importance to you would be the Contact Information for registries in other states –use this information to contact another state for student information or to provide the information to the parent so they can contact a previous state and obtain records on their child to provide to you.

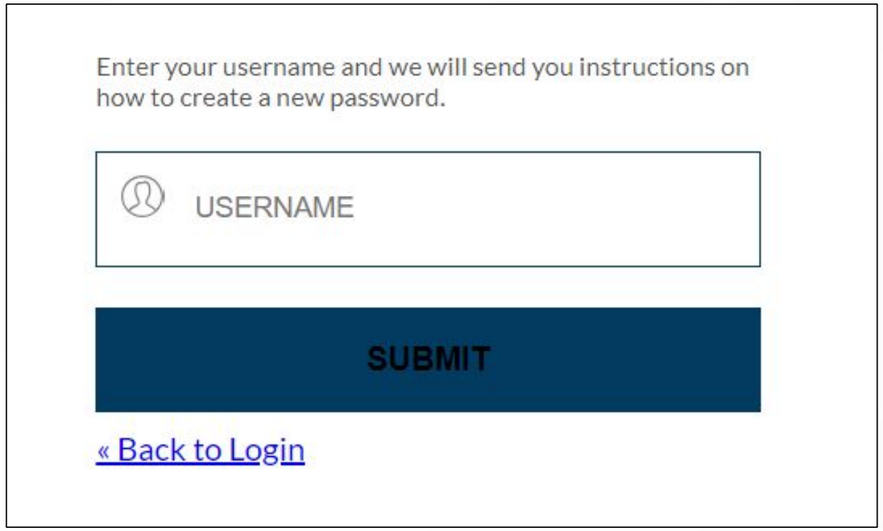


ADHS

How to Reset Password

Passwords are required to be reset/renewed every 90 days, but you can reset your password at anytime or if you have forgotten your password. On the Login screen, click Forgot Password, located just under the login area. Follow the prompts and click Send.





ADHS

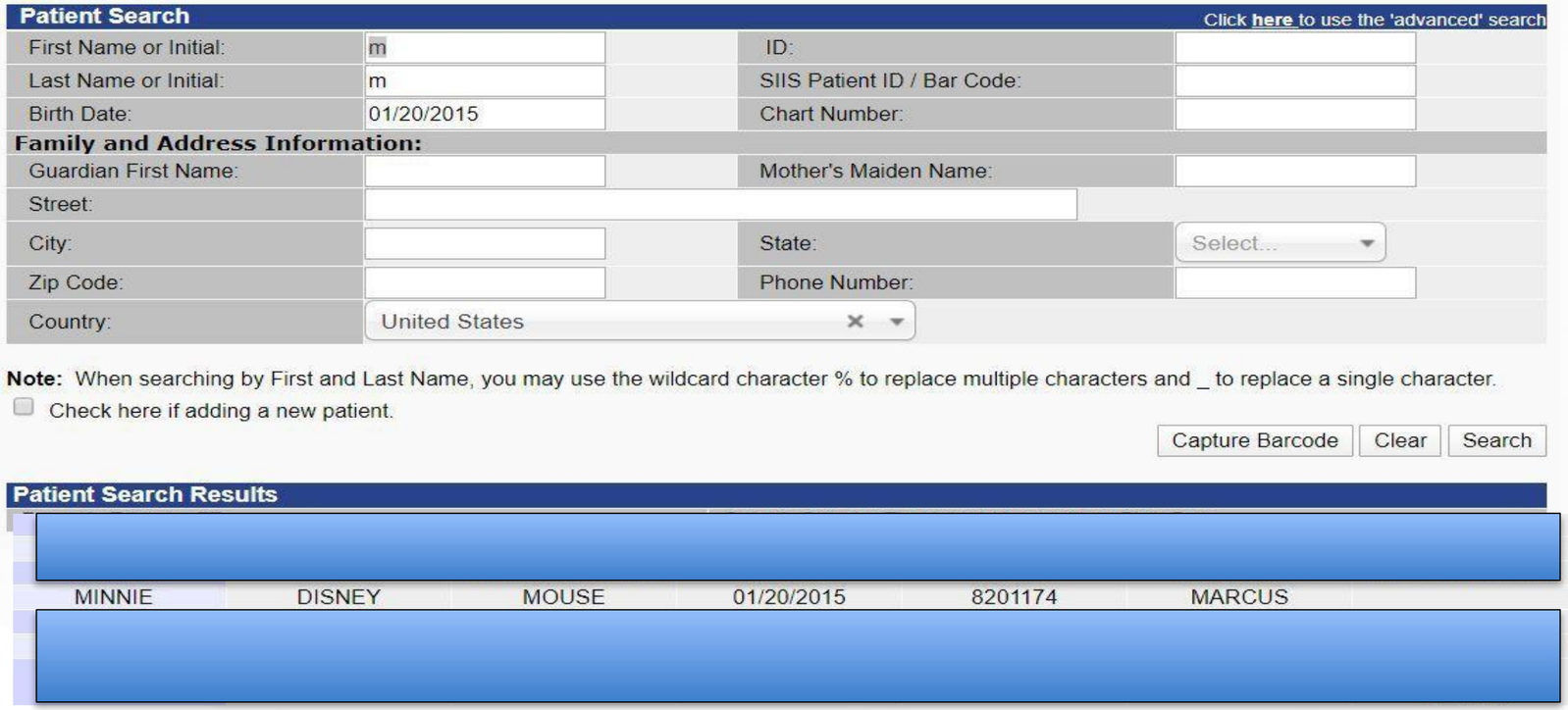
How to Search a Student in ASIIS

Step 1: Select “Patient-Search/Add” (or screen may automatically open). Enter the student’s first name, last name and birth date. Select the Search button in the lower right hand corner. You may add additional information to narrow the search if needed.

ADHS

How to Search a Student in ASIIS

Another way to search is to just put in the initials only of the first and last name, and then the birthday. When you select the Search button, a list of records will show up in the Patient Search Results. You can then look through the list to find your student's name and when you select or click on the correct name, it will take you to the next screen.

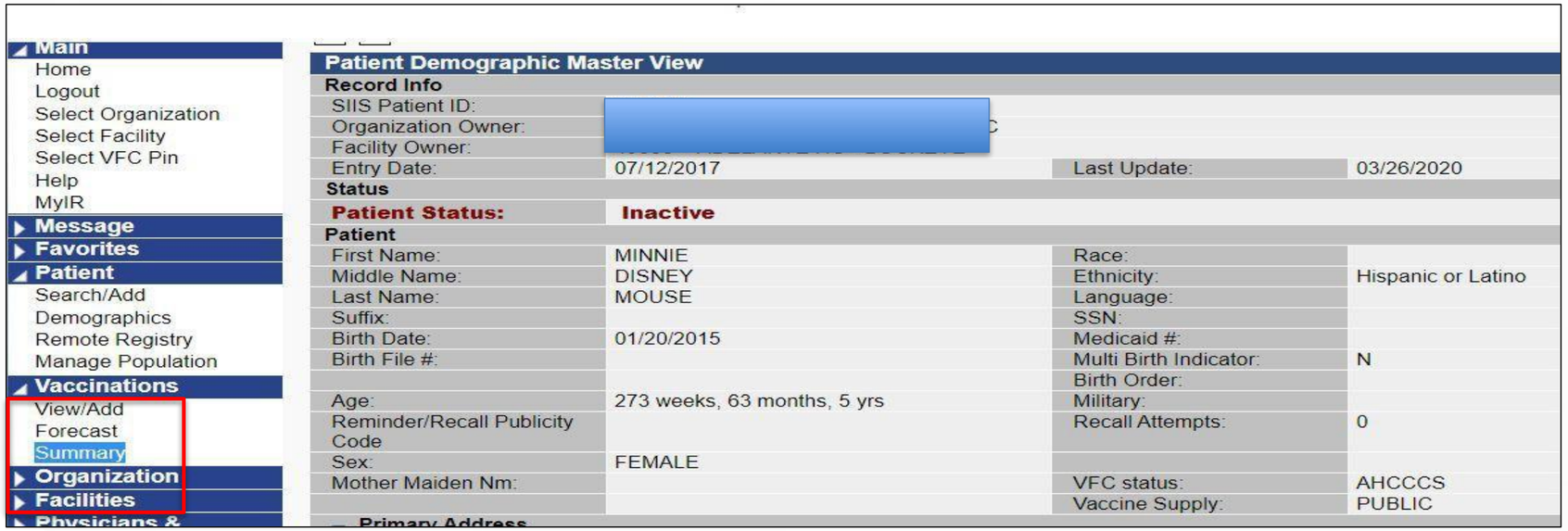


ADHS

Reviewing the Summary Screen

Step 3: Once you select your student, you will first see the Patient Demographic Screen. As you cannot enter or edit data, there is nothing to do here. Providers are the ones who update this screen when a patient comes in to be vaccinated. Information on this screen could help you make sure this is the correct student you are looking for.

Step 4: Look for Vaccinations on the left hand menu and then select Summary option.



ADHS

Reviewing the Summary Screen

The Patient Vaccination record will populate similar to this:

Patient

Name:	MINNIE DISNEY MOUSE	SIIS Patient ID:	8201174
Date of Birth:	01/20/2015	Age:	273 weeks, 63 months, 5 yrs
Guardian:	MARCUS	Status:	Inactive

Vaccination Summary

Vaccinations outside the ACIP schedule are marked with an X'.

Vaccine	1	2	3	4
DTaP/DTP/Td	03/20/2015 8 weeks	X 03/21/2018 3 years	01/31/2020 5 years	03/26/2020 5 years
OPV/IPV	X 03/21/2018 3 years			
MMR	03/21/2018 3 years			
Hib	03/21/2018 3 years			
Hep A	03/21/2018 3 years			
Hep B - 3 Dose	01/20/2015 0 days	08/20/2015 7 months	02/16/2017 24 months	03/21/2018 3 years
Varicella	03/21/2018 3 years			
Rotavirus	X 03/21/2018 3 years			
Pneumo (PCV)	03/21/2018 3 years			
Meningococcal	03/21/2018 3 years			

Invalid Vaccinations

Invalid Vaccinations	Date	Reason
DTaP/DT/Td	03/21/2018	Vaccine administered after lot number expiration date.
POLIO	03/21/2018	Vaccine administered after lot number expiration date.
ROTAVIRUS	03/21/2018	Patient age outside of recommended schedule.

Reviewing the Summary Screen

The Summary View is an easy and clear way to review the vaccine groups, and the number and dates of when vaccines were given. Using the Arizona Guide to Required Vaccinations for School (or Child Care) Entry, you can then determine if your student has everything they need for their age or if they need to be referred for additional vaccines. In the case of Minnie, entering kindergarten, she is lacking certain vaccines.

Patient

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POLIO	03/21/2018	Vaccine administered after lot number expiration date.
ROTAVIRUS	03/21/2018	Patient age outside of recommended schedule.

Reviewing the Summary Screen

This is an example of a complete record. Notice this student has all vaccines necessary for a 12 year old attending school, plus other ACIP recommended vaccines.

Patient

Name:	[redacted]	SIIS Patient ID:	[redacted]
Date of Birth:		Age:	
Guardian:		Status:	

Vaccination Summary

Vaccinations outside the ACIP schedule are marked with an 'X'.

Vaccine	1	2	3	4	5	6	7	8
DTaP/DTP/Td	06/13/2008 3 months	10/17/2008 7 months	12/03/2008 8 months	11/23/2009 20 months	04/11/2012 4 years			
Tdap	01/03/2020 11 years							
OPV/IPV	06/13/2008 3 months	10/17/2008 7 months	12/03/2008 8 months	04/11/2012 4 years				
MMR	11/23/2009 20 months	04/11/2012 4 years						
Hib	06/13/2008 3 months	10/17/2008 7 months	12/03/2008 8 months	11/23/2009 20 months				
Hep A	11/23/2009 20 months	03/28/2011 3 years						
Hep B - 3 Dose	03/04/2008 0 days	06/13/2008 3 months	11/23/2009 20 months					
Varicella	11/23/2009 20 months	04/11/2012 4 years						
Influenza	10/17/2008 7 months	12/03/2008 8 months	11/23/2009 20 months	03/28/2011 3 years	12/06/2011 3 years	01/03/2020 11 years		
Pneumo (PCV)	06/13/2008 3 months	10/17/2008 7 months	12/03/2008 8 months	03/28/2011 3 years				
Meningococcal	01/03/2020 11 years							
HPV	01/03/2020 11 years							
Novel Influenza H1N1-09	11/23/2009 20 months							

Reviewing the Summary Screen

An X next to a vaccine date means the dose is invalid. An explanation of the X can be found in the Invalid Vaccinations section. In some cases this may mean the student needs additional doses to meet school requirements. Even if the student obtains additional doses, the invalid date will stay in the Summary Report. You do not need to enter the invalid date(s) into your school software system or the ASIR.

Patient

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Date of Birth:	01/20/2015	Age:	273 weeks, 63 months, 5 yrs
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Vaccination Summary

Vaccinations outside the ACIP schedule are marked with an X'.

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Hep A	03/21/2018 3 years			
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Meningococcal	03/21/2018 3 years			

Invalid Vaccinations

Invalid Vaccinations	Date	Reason
DTaP/DT/Td	03/21/2018	Vaccine administered after lot number expiration date.
POLIO	03/21/2018	Vaccine administered after lot number expiration date.
ROTAVIRUS	03/21/2018	Patient age outside of recommended schedule.

Reviewing the Summary Screen

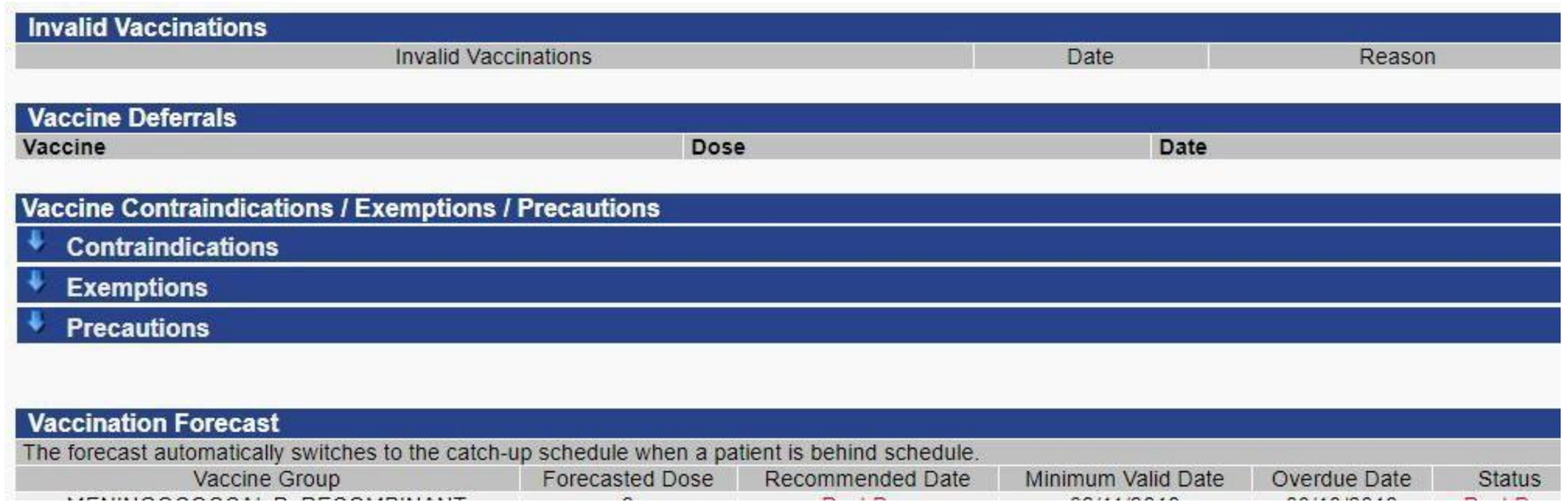
Additional information about the dose, why it may be invalid, and who gave the vaccination can be found if you **click on the date of the vaccine you want to examine.** In this case, we have selected the DTaP dose given on 3/21/2018 (record on previous slide). This shows us it was a combination vaccine, and that the X is saying an expired vaccine as given, making the components invalid. In addition, it is noted that the hepatitis B component of the vaccine was an extra (but valid) dose, which was unnecessary as the student had already received 3 appropriate doses.

Patient			
Name:	MINNIE DISNEY MOUSE	SIIS Patient ID:	8201174
Date of Birth:	01/20/2015	Age:	273 weeks, 63 months, 5 yrs
Guardian:	MARCUS	Status:	Inactive

Vaccination/Medicine Detail	
Vaccine:	DTaP-Hep B-IPV
Date Administered:	03/21/2018
Invalid Vaccination:	Invalid DTaP/DT/Td: Vaccine administered after lot number expiration date.
	Invalid POLIO: Vaccine administered after lot number expiration date.
Warning Group 3 Indicator:	HEP-B 3 DOSE: Extraneous dose.
Historical:	No
Provider Noted on Record:	
Lot Noted on Record:	TEST2838XX
Manufacturer Noted on Record:	
Manufacturer:	GLAXOSMITHKLINE
Lot Number:	TEST2838XX
Lot Facility:	
Funding Source:	VFC
Vaccinator:	
Organization:	60098 - ARIZONA IMMUNIZATION PROGRAM

Reviewing the Summary Screen

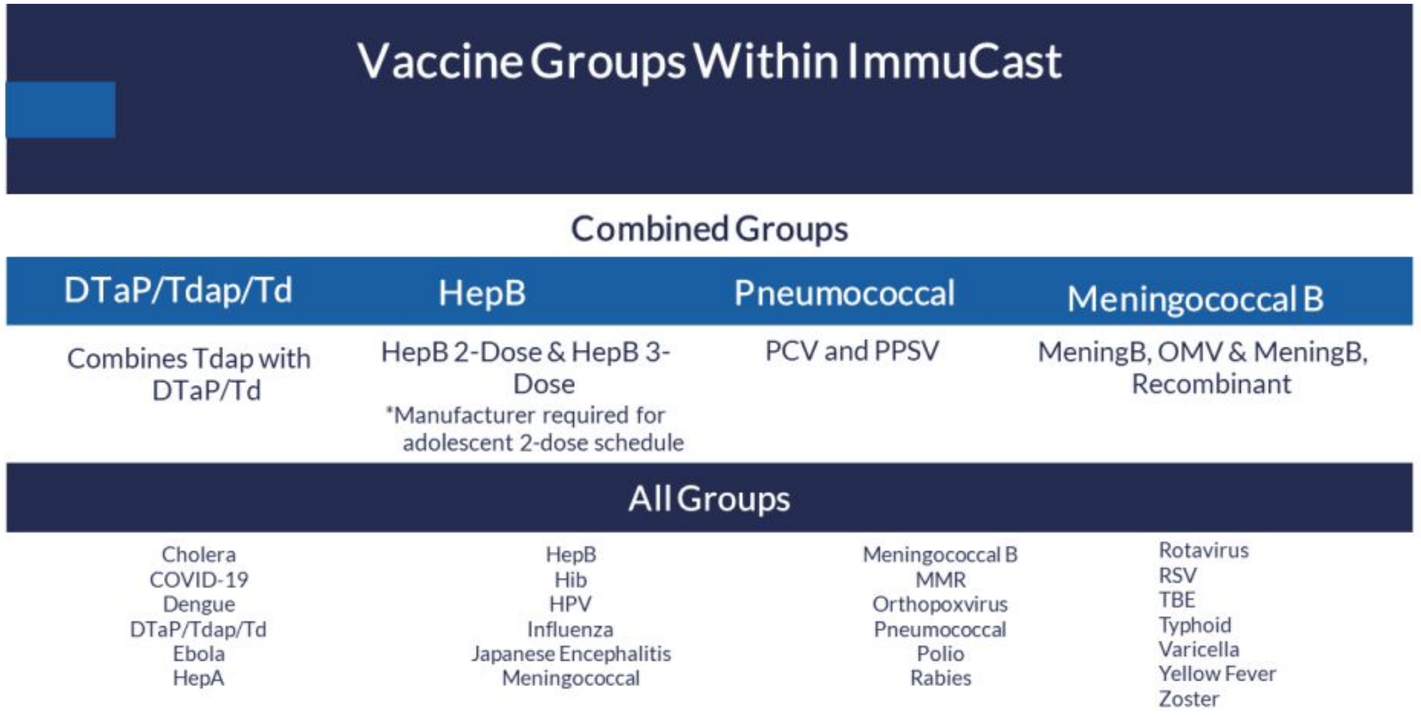
You may see additional information on this page as well to include Vaccine Contraindications/Exemptions/Precautions along with the Vaccination Forecast. Please note that any information found in the contraindication or exemptions section is for clinical/provider use only. It is NOT to be used for school or child care facility use. Any exemptions are to be provided using the appropriate ADHS Exemptions Forms.



The Vaccination Forecast is available on this Summary Page as well as its own page

Reviewing the Forecast Screen

ImmuCast 2.0 is the forecasting engine in ASIIS that applies the appropriate immunization schedule and displays an evaluation of the patient's immunization history as well as recommendations for missing or additional vaccinations. The Clinical Decision Support for Immunizations (CDSi) is an automated process that determines the Advisory Committee on Immunization Practices (ACIP) recommended immunizations for all vaccine groups, including COVID-19, that are needed for a patient and delivers these recommendations in ASIIS.



Vaccinations will now be forecasted in vaccine family groups

Reviewing the Forecast Screen

The Forecast screen can help determine which vaccine the student will need in the future as well as the recommended date. Explanations for the different dates are provided below. Please remember that the forecast is based on ACIP recommendations and may differ from Arizona school requirements and guidance.

Vaccination Forecast

The forecast automatically switches to the catch-up schedule when a patient is behind schedule.

Vaccine Group	Forecasted Dose	Recommended Date	Minimum Valid Date	Overdue Date	Status
MMR	2	01/29/2016	01/29/2016	01/28/2018	Past Due
Varicella	2	01/29/2016	01/29/2016	01/28/2018	Past Due
HPV	1	01/01/2022	01/01/2020	01/28/2024	Past Due
Meningococcal	1	01/01/2022	01/01/2022	01/28/2024	Past Due
COVID-19	1	09/12/2023	09/12/2023	10/09/2023	Past Due
Influenza	1	07/01/2024	07/01/2024	07/28/2024	Past Due
DTaP/Tdap/Td	8	01/01/2034	01/01/2029	01/28/2034	Not Yet Due
Zoster	1	01/01/2061	01/01/2061	01/28/2061	Not Yet Due
RSV	1	01/01/2071	01/01/2071	01/28/2071	Not Yet Due
Pneumococcal	1	01/01/2076	01/01/2076	01/28/2076	Not Yet Due
HepA					Complete
HepB					Complete
Hib					Complete
Polio					Complete
Rotavirus					Aged Out

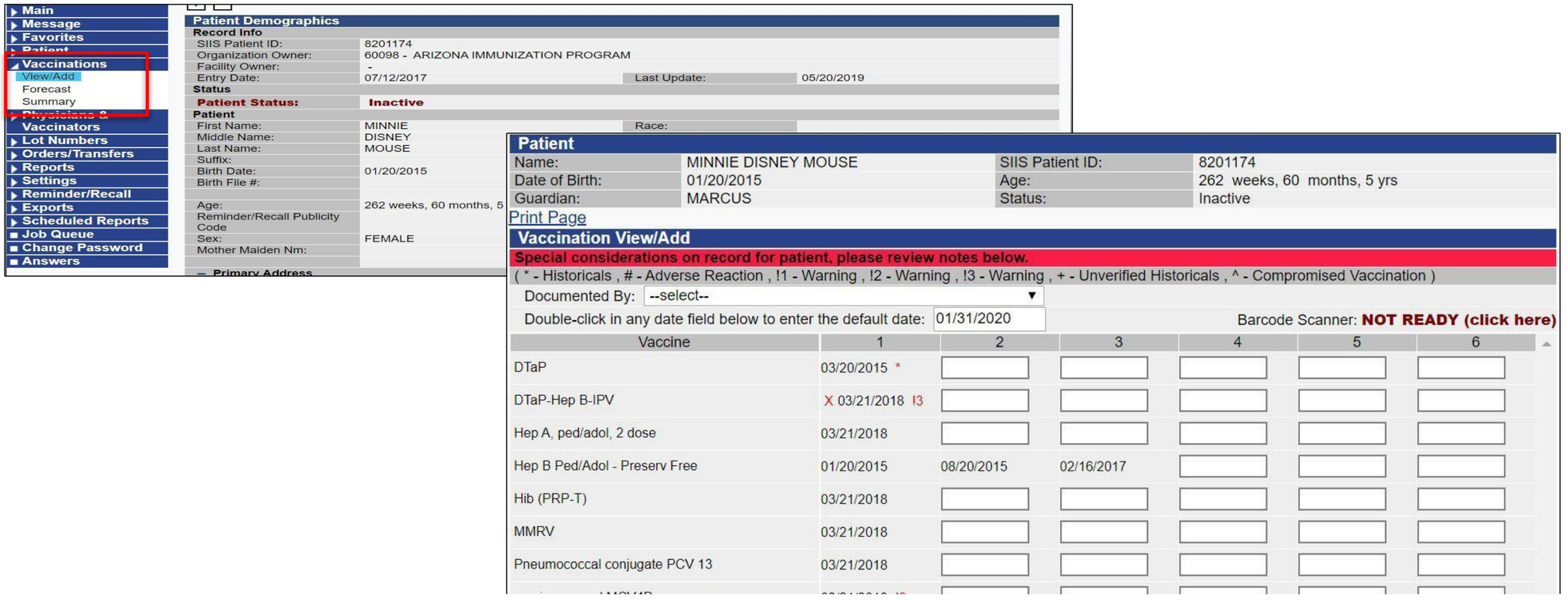
Reviewing the Forecast Screen

The invalid vaccination terms will be different in ImmuCast 2.0.

Invalid Vaccination Reason Crosswalk	
CDSi Invalid Vaccination Reason	ImmuCast 1.0 Invalid Vaccination Reason
Too Young	• Minimum age or minimum interval set in system forecast preferences not met. • Minimum age for this dose is not met.
Too Old	• Patient age outside of recommended schedule.
Too Soon	• Minimum interval from previous dose not met. • Minimum interval from Dose 1 not met. • Minimum age or minimum interval set in system forecast preferences not met.
Inadvertent Administration	• Td administered prior to 7 years of age and as dose 1, 2, or 3 should be repeated with age appropriate vaccine. • Tdap administered prior to 7 years of age and as dose 1, 2, or 3 should be repeated with age appropriate vaccine. • OPV bivalent and OPV monovalent are not acceptable for Polio series. • HPV Bivalent vaccine is not appropriate for male vaccination or cannot be validated due to missing gender. • Inadvertent dose.
Live Virus Conflict	• Live vaccines not administered on same date must be separated by 28 days. • Measles or Varicella containing vaccine administered < 14 days prior to antibody containing product. • Measles or Varicella containing vaccine administered less than recommended interval following antibody containing product.
Invalid Administration	• HepB Pediatric/Adolescent vaccine dosage is not sufficient for patient after 19 years of age. • Zoster, unspecified is accepted only as last dose in series. • Zoster live is not acceptable for this dose.
Substandard	• Vaccine marked as Compromised.

Reviewing the View/Add Screen

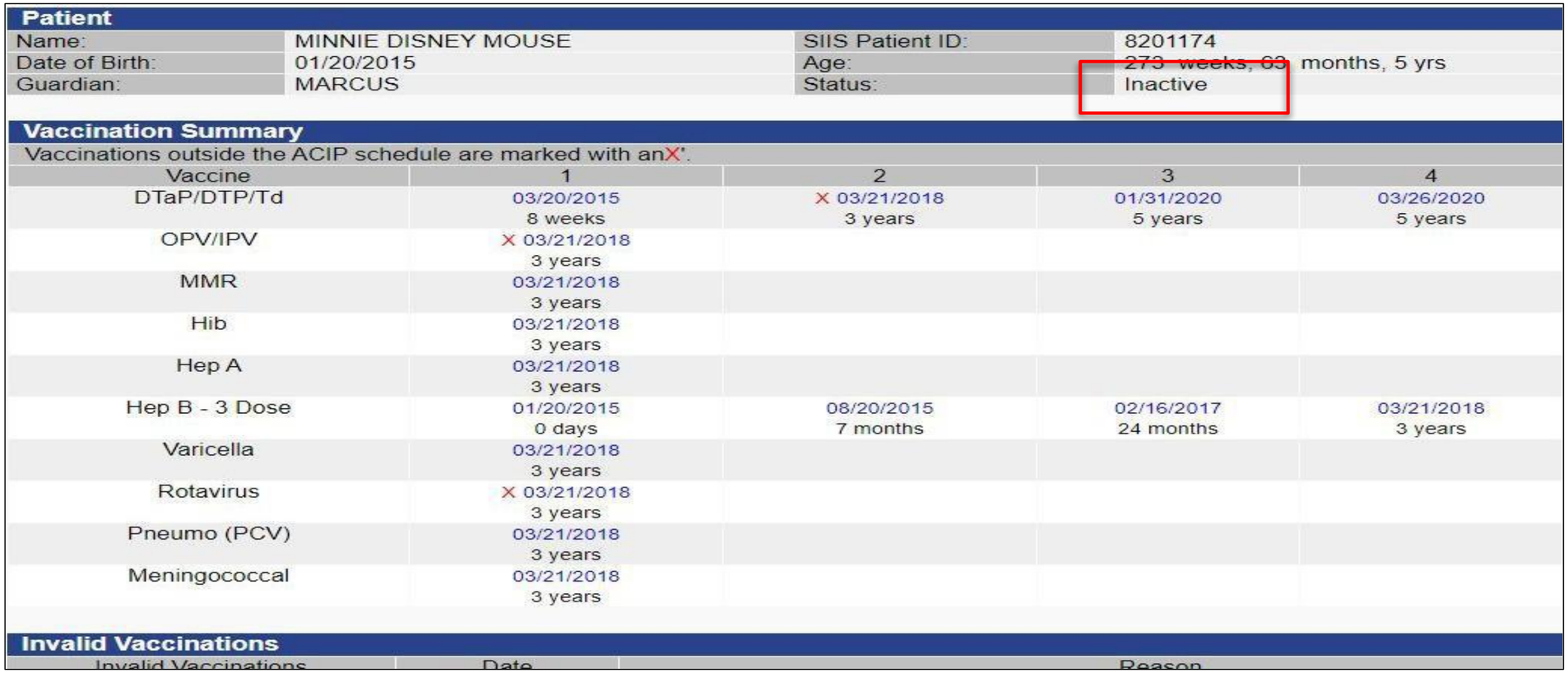
Another screen you may find helpful is the View/Add option. Select Vaccinations from the left-hand menu and then select View/Add. This gives a view of the individual vaccine presentations that were given with more explanation of certain symbols. It shows if the vaccine was a single antigen or a combination vaccine. Although used more in a clinical setting, these may be helpful to some school health office personnel.



X - invalid dose
* - historical data
!3 - warning

Inactive Status

You may notice that some records have an "inactive" status. Please note that the "inactive" or "active" status does not affect school immunization requirements. This status is only relevant to healthcare providers participating in the VFC program and does not have any impact on school health personnel. If you come across this status, there is no action required on your part, and you can continue reviewing the record as usual.



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Varicella	03/21/2018 3 years			
Rotavirus	X 03/21/2018 3 years			
Pneumo (PCV)	03/21/2018 3 years			
Meningococcal	03/21/2018 3 years			

Invalid Vaccinations

Invalid Vaccinations	Date	Reason

FAQ

Q: I can't find a record in ASIIS for my student. What does that mean?

A: If there is no record in ASIIS, it may be because:

1) the provider(s) did not enter the data into ASIIS
2) the student is from a different state or country (and data has not been entered in as historical yet)
3) the person you are searching was born more than 25 years ago and their data was never entered into ASIIS
4) the patient record may be merged with another record. Contact the ASIISHelpDesk@azdhs.gov or call 602-364-3899 for further assistance

ADHS

FAQ

Q: Why are some records incomplete in ASIIS?

A: You may see some records in ASIIS that do not show many vaccination dates or are incomplete. The reason is similar to the answers in the previous slide. As a school health office, you may have additional records from the parent, a provider, or another state that will help fill in gaps and make a complete record that is recorded in your school software system or on the Arizona School Immunization Record (ASIR).

You can recommend to parents that they take all the records into their provider and ask them to enter the data into ASIIS as historical data. The county health departments (CHDs) will also do this.

It is very important to keep the most recent and complete original immunization records in the student health file, even after you enter the dates in your school software system or on the Arizona School

ADHS

FAQ

Q: When was ASIIS developed and by whom?

A: The Arizona State Immunization Information System (ASIIS) was developed in late-1998 by Scientific Technologies Corporation (STC) for the Arizona Immunization Program and the first data was entered soon after that. ASIIS started out as a way to capture immunization data for children, but as it is now over 20 years old, it has become a lifetime registry and is able to capture adult information as well. Individuals who were born before 1998 are unlikely to have had their childhood data entered into ASIIS unless they have requested that their provider put the records in (as historical data). Other adult vaccinations may have been entered, either by a county health department, a provider, or a pharmacist, who is required by law to enter the data into ASIIS.

ADHS

FAQ

Q: Why can't we get information from other states' IIS systems?

A: Each state develops its own Immunization Information Systems (IIS). STC developed ASIIS for Arizona but also has developed systems for at least 12 other states. Any changes or upgrades usually have to be approved by the 'consortium' of states. Other states have developed their own independent products. Not all systems talk to each other, and then there is the issue of privacy (HIPAA, FERPA, etc.) that does not (yet) allow for you to request information from other states. The CDC, STC, and many other states continue to work on this possibility, but we are not there yet.

ADHS

ARIZONA DEPARTMENT
OF HEALTH SERVICES

Questions?

If you have technical questions about how to access or use ASIIS, you can contact the ASIISHelpDesk@azdhs.gov or call 602-364-3899.

If you have clinical questions about a record, how to read it, if dates are correct/incorrect, or if a student meets school requirements, contact BIZS main line at 602-364-3630 and ask for a clinical nurse consultation.