ASIIS

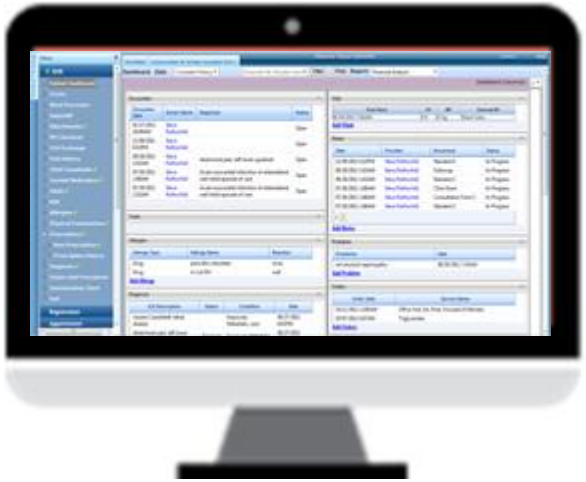
Updated March 10, 2021

During Phase 1, COVID-19 vaccines are limited and are only distributed on an allocation basis. You will need to contact your county health department as they are responsible to allocate doses to their local providers during phase 1. Once COVID-19 vaccines are more readily available in phase 2 then you will be able to order them independently through ASIIS. We do not have a current timeline of when we will move into Phase 2.

ASIIS

ASIIS is our state immunization database used to record administered doses and track vaccine inventory

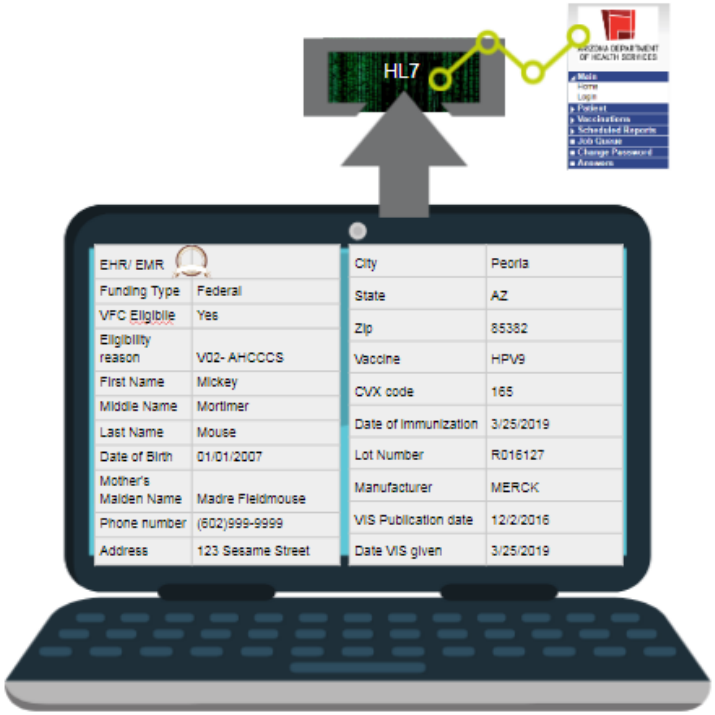
HL7,EMR,VMS or Manual



IWeb

Successful HL7 Data Transfer

- Funding Source
  - PAN
- VFC Eligibility - non VFC Eligible
- Vaccine code
  - NDC from the box
  - Or CVX or CPT code
- Manufacturer from the box
  - MVX code
- Lot Number from the BOX
- Facility ID
- “Unknown”, Missing, or incorrect fields may not decrement from inventory

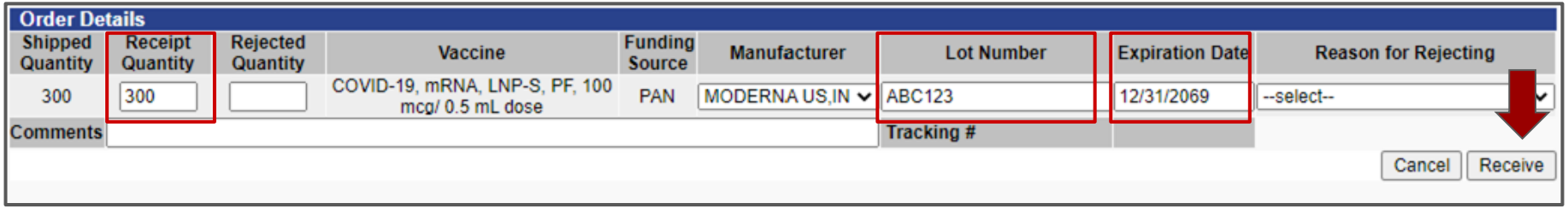


Funding Source- PAN

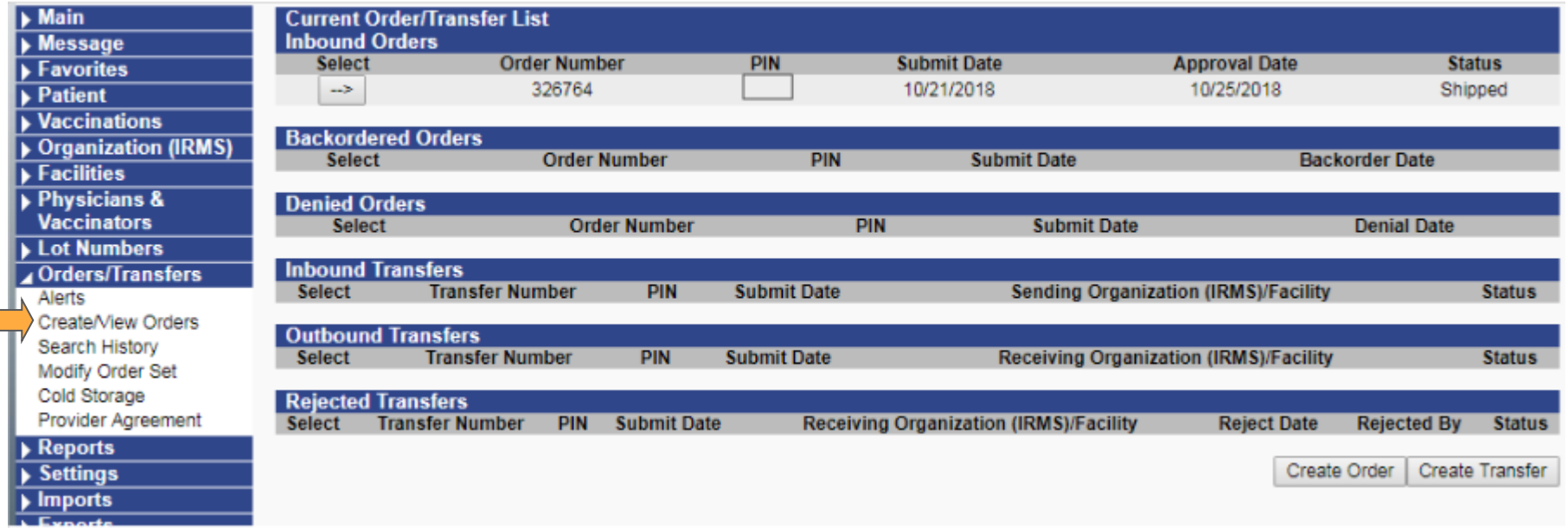
- The funding source should be PAN.
- If you have an EHR, your EHR vendor should send the code VXC50. On the user interface side, you will select PAN when administering.
- If you select VFC, State, Private, or something else as the funding source, the doses will not decrement from the ASIIS inventory.

Mark doses as *Received* in ASIIS when the doses arrive

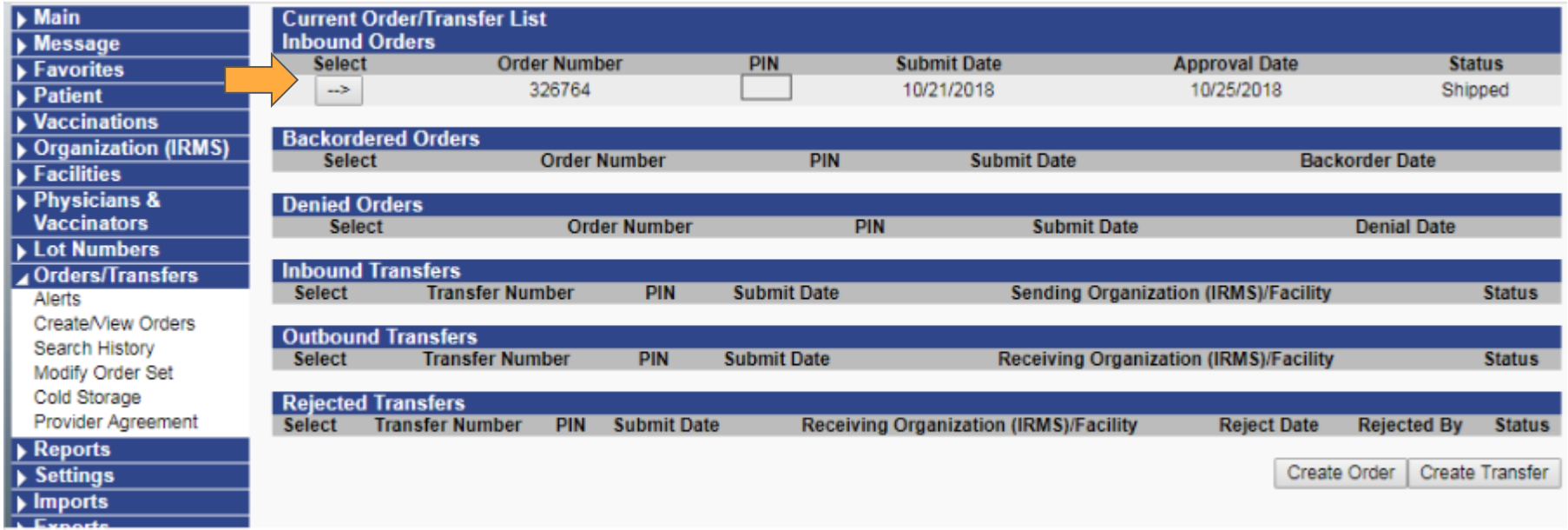
- Required regardless what system you use to document vaccine administration (EHR, VMS, ASIIS)
- When the doses arrive, mark them as ***Received*** in ASIIS
  - Log into ASIIS
  - Go to Orders/Transfers> Create/View Orders> Select arrow for Inbound Order/Transfer
  - Doses placed in the refrigerator or drawn up must be used more quickly
  - Verify the expiration date, lot number, and quantity of doses



Click “Create/View Orders”



Select the order you were shipped

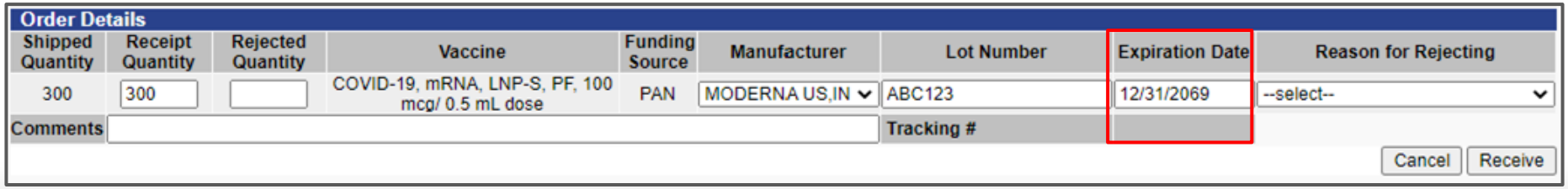


Enter the doses that arrived in Receipt Quantity

Shipped Quantity	Receipt Quantity	Rejected Quantity	Vaccine	Funding Source	Manufacturer	Lot Number	Expiration Date	Reason for Rejecting
10	10		DTaP-IPV	VFC	GLAXOSMITHKLI	G9P35	09/15/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
10	10		DTaP-Hep B-IPV	VFC	GLAXOSMITHKLI	4ZH95	10/30/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
20	20		Hep A, ped/adol, 2 dose	VFC	GLAXOSMITHKLI	2GY7E	08/07/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
20	20		Hep B, adolescent or pediatric	VFC	MERCK-MSD	R007212	11/04/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
10	10		DTaP	VFC	GLAXOSMITHKLI	42RC4	10/23/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
10	10		meningococcal B, OMV	VFC	GLAXOSMITHKLI	177201	01/31/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
20	20		HPV9	VFC	MERCK-MSD	R016127	03/22/2021	--select--
Comments						Tracking #	1Z81W6330181629826	
10			MMRV	VFC	MERCK-MSD	R020677	01/15/2020	--select--
Comments						Tracking #	1Z5R74051301100842	
10	10		Meningococcal MCV4O	VFC	GLAXOSMITHKLI	AMVA010Z	10/31/2019	--select--
Comments						Tracking #	1Z81W6330181629826	
20	20		DTaP-Hib-IPV	VFC	SANOFI PASTEU	C5544AA	10/06/2019	--select--
Comments						Tracking #	1Z81W6330181629826	
10	10		meningococcal MCV4P	VFC	SANOFI PASTEU	U6151AA	03/16/2020	--select--
Comments						Tracking #	1Z81W6330181629826	
30	30		rotavirus, pentavalent	VFC	MERCK-MSD	R007152	10/25/2019	--select--
Comments						Tracking #	1Z81W6330181629826	
10	10		MMR	VFC	MERCK-MSD	N032749	11/20/2019	--select--
Comments						Tracking #	1Z81W6330181629826	

Expiration Dates

- ASIIS may show 12/31/2069 as a placeholder and you must change it when marking the doses as ***Received*** in ASIIS
- The expiration date is for doses placed in the proper freezer type
- For Moderna How To Look Up Vial Expiration Date use link:
- https://www.modernatx.com/covid19vaccine-eua/providers/vial-lookup



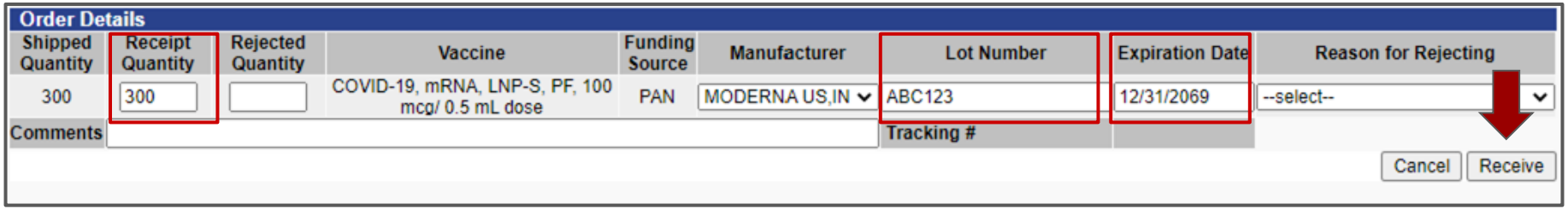
Order Details

Shipped Quantity	Receipt Quantity	Rejected Quantity	Vaccine	Funding Source	Manufacturer	Lot Number	Expiration Date	Reason for Rejecting
300	300		COVID-19, mRNA, LNP-S, PF, 100 mcg/ 0.5 mL dose	PAN	MODERNA US,IN	ABC123	12/31/2069	--select--
Comments						Tracking #		

Cancel Receive

Receive

- Select ***Received*** in ASIIS
- After the doses are ***Received*** in ASIIS, you may administer them
- If you administer doses before they are ***Received*** into the ASIIS inventory, they will not decrement from the ASIIS inventory



Common errors

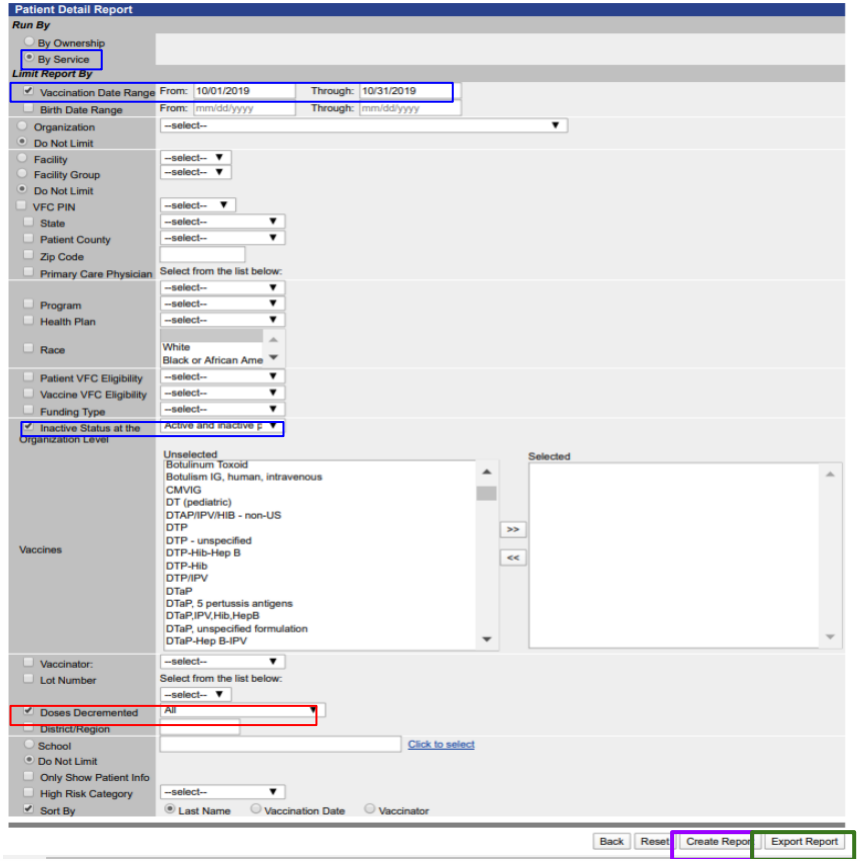
- 5 or S
- 2 or Z
- 4 or A
- G or 6
- 1 or I
- 0 or O
- Transposed numbers and letters
- Extra numbers or letters
- Writing NDC number instead of lot number
- Writing lot number from the vial or syringe instead of the box
- Writing lot number from the diluent instead of the vaccine box

Troubleshoot

- Run ASIIS Reports
  - Patient Detail Report
    - Can show doses that didn’t decrement
  - Lot Usage and Recall Report
    - Shows the doses that decremented
- Compare ASIIS reports to
  - Dose Accountability Logs
  - EMR data
  - If you don’t have anything to compare
    - Start using Dose Accountability Logs today

Patient Detail Report

- Select “By Service”
- Vaccination Date Range
  - no more than a month
- Select “Active and Inactive”
- Select “All”
- Export report
  - **Excel format is easy to filter**



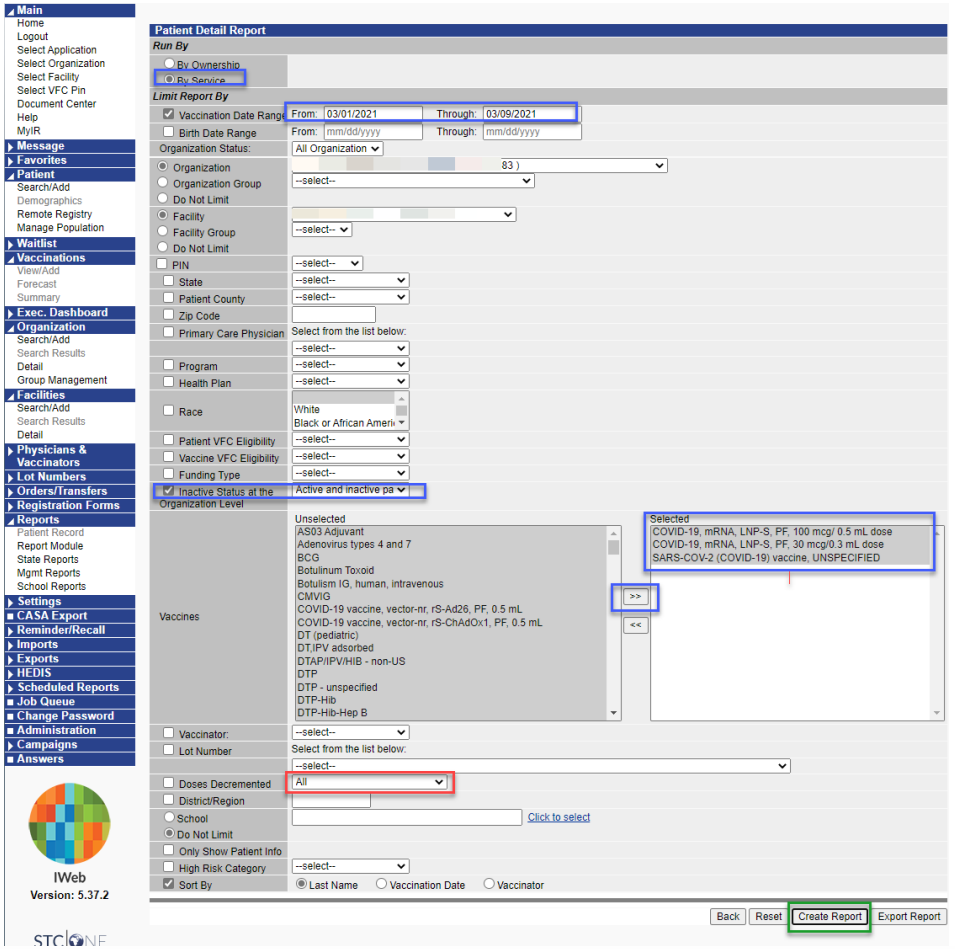
Look at Mfg. Code (MVX code)

- Unknown manufacturer code
- Incorrect manufacturer code

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1	Patient ID	First Name	Last Name	Birthday	Guardian F.	Vaccine	Vacc. Date	Dose Size	Mfg. Code	Lot	Funding	VFC Eligible	Historical	Decremented	Del
2	11	Aladdin	Ababwa	9/15/2017	Cassim	rotavirus, pentavalent	2/4/2019	Full	NOV	N013992	VFC	YES	N	N	N
3	19	Briar Rose	Aurora	1/3/2004	Fairy	Meningococcal MCV4O	3/2/2019	Full	SKB	AMVA043A	VFC	YES	N	N	N
4	13	The Beast	Beauty	3/31/2013	Gaston	meningococcal B, OMV	1/24/2019	Full	SKB	16G201	VFC	YES	N	N	N
5	14	Belle	Beauty	1/27/2012	Maurice	DTaP-IPV	2/22/2019	Full	SKB	T7E4A	PRVT	NO	N	N	N
6	16	Sebastian	Crab	8/26/2011	Scuttle	HPV9	2/4/2019	Full	MSD	R001263	VFC	YES	N	N	N
7	4	Eeyore	Donkey	6/8/2017	Christopher R	DTaP-Hep B-IPV	1/9/2019	Full	SKB	DB5H3		YES	N	N	N
8	8	Daisy	Duck	6/8/2016	Pato	Pneumococcal conjugate PCV 13	3/8/2019	Full	PFR	S92740	VFC	YES	N	N	N
9	9	Donald	Duck	9/9/2017	Pato	Pneumococcal conjugate PCV 13	2/4/2019	Full	PFR	592740	PRVT	NO	N	N	N
10	17	Flounder	Fish	8/26/2004	Nemo	meningococcal B, OMV	1/9/2019	Full	SKB	16666901	VFC	YES	N	N	N
11	20	Rapunzel	Hair	6/4/2014	Grimm	MMRV	2/4/2019	Full	MSD	N025928	VFC	YES	N	N	N
12	12	Poohbear	Honey	5/5/2005	Christopher R	varicella	2/6/2019	Full	SKB	N019128	VFC	YES	N	N	N
13	5	Lion	King	6/7/2015	Nala	Hep A, ped/adol, 2 dose	3/2/2019	Full	SKB	2GY7E	VFC	UNK	N	N	N
14	10	Buzz	Lightyear	4/4/2009	Woody	rotavirus, pentavalent	2/22/2019	Full	UNK	N013992	PRVT	YES	N	N	N
15	1	Minnie	Mouse	9/9/2009	Fieldmouse	Hep B, adolescent or pediatric	1/5/2019	Full	UNK			UNK	Y	N	N
16	2	Mickey	Mouse	1/1/2007	Fieldmouse	HPV9	3/3/2019	Full	SKB	N025428	VFC	YES	N	N	N
17	18	Cinderella	Princess	9/26/2017	Queen	rotavirus, pentavalent	1/5/2019	Full	MSD	N013992	VFC	YES	N	N	N
18	7	Flynn	Rider	5/5/2017	Twisted	MMR	1/24/2019	Full	MSD	N027781	PRVT	NO	N	N	N
19	3	Christopher	Robin	5/4/2017	Tigger	varicella	2/6/2019	Full	MSD	N035941	PRVT	NO	N	N	N
20	15	King	Tritan	10/2/2009	Erik	Hep B, adolescent or pediatric	3/8/2019	Full	SKB	BJ54A		UNK	Y	N	N
21	6	Ursula	Urchin	9/3/2016	Black	Hib (PRP-OMP)	3/3/2019	Full	MSD	AZ784	VFC	YES	N	N	N

Patient Detail Report

- Select “By Service”
- Vaccination Date Range
  - no more than a month
- Select “Active and Inactive”
- Select “All”
- Create Report
  - **PDF format**



Look at Funding Source (PAN) & Decremented Y/N

- Missing funding source
- Wrong funding source
- Decremented N

Patient Detail Report

Report Criteria
Run By: By Service

Report Date: March 09, 2021

Organization:

Organization Level Status: Active and inactive patients
Patient VFC Eligibility: All
Physician: All
Health Plan: All
Race: All
Lot Number: All
District/Region: All
High Risk Category: All
Funding Type: All
Doses Decremented: All

Facility:)

Vaccination Date Range: 03/01/2021 through 03/09/2021
Vaccine VFC Eligibility: All
Program: All
Zip Code:
State: All
Patient County: All
School: All
Sort Criteria: Last Name
Vaccinator: All

Vaccine: COVID-19, mRNA, LNP-S, PF, 100 mcg/ 0.5 mL dose, COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, SARS-COV-2 (COVID-19) vaccine, UNSPECIFIED
Birth Date Range: All
PIN: 0237

Total Patients Having Vaccines: 48 Total Patients With All Vaccines Deleted: 0 Deleted vaccinations are shown with a line through them.

Patient ID	First Name	Middle Name	Last Name	Birthday	Guardian F.N.	Phone Number	VFC Eligible	Facility
				04/07/1978		(928	NO	

Vaccine	Vacc. Date	Dose Size	Mfg. Code	Lot	Funding	VFC Eligible	Historical	Decremented	Vaccinator	Facility	Date VIS Form Given	VIS Publication Date	Reporting Method
COVID-19, mRNA, LNP-S, PF, 100 mcg/ 0.5 mL dose	03/02/2021	Full	MOD	030M20A		NO	N	N	1235211962				Real Time HL7

Patient ID	First Name	Middle Name	Last Name	Birthday	Guardian F.N.	Phone Number	VFC Eligible	Facility
				06/06/1978		(928)	NO	

Vaccine	Vacc. Date	Dose Size	Mfg. Code	Lot	Funding	VFC Eligible	Historical	Decremented	Vaccinator	Facility	Date VIS Form Given	VIS Publication Date	Reporting Method
COVID-19, mRNA, LNP-S, PF, 100 mcg/ 0.5 mL dose	03/03/2021	Full	MOD	002A21A		NO	N	N	1235211962				Real Time HL7

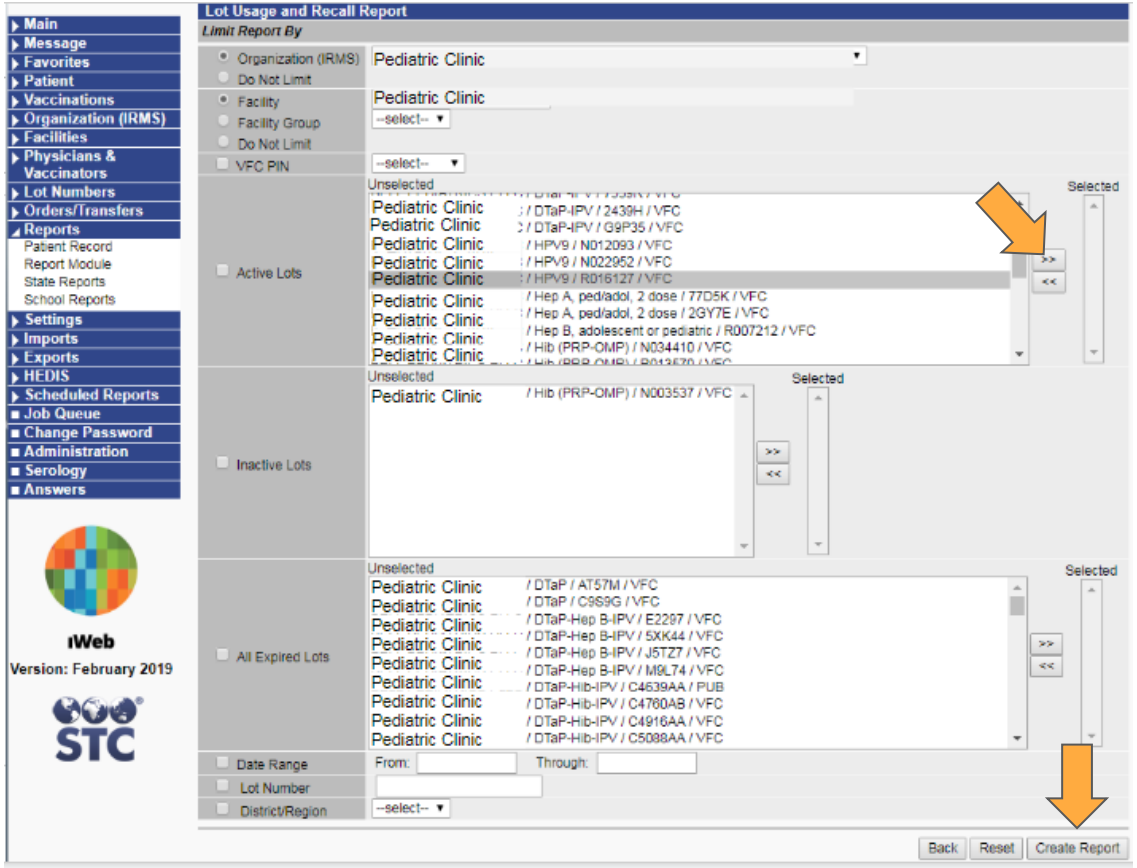
Patient ID	First Name	Middle Name	Last Name	Birthday	Guardian F.N.	Phone Number	VFC Eligible	Facility
				06/28/1958		(928)7	NO	

Vaccine	Vacc. Date	Dose Size	Mfg. Code	Lot	Funding	VFC Eligible	Historical	Decremented	Vaccinator	Facility	Date VIS Form Given	VIS Publication Date	Reporting Method
COVID-19, mRNA, LNP-S, PF, 100 mcg/ 0.5 mL dose	03/03/2021	Full	MOD	002A21A		NO	N	N	1235211962				Real Time HL7

Lot Usage and Recall Report

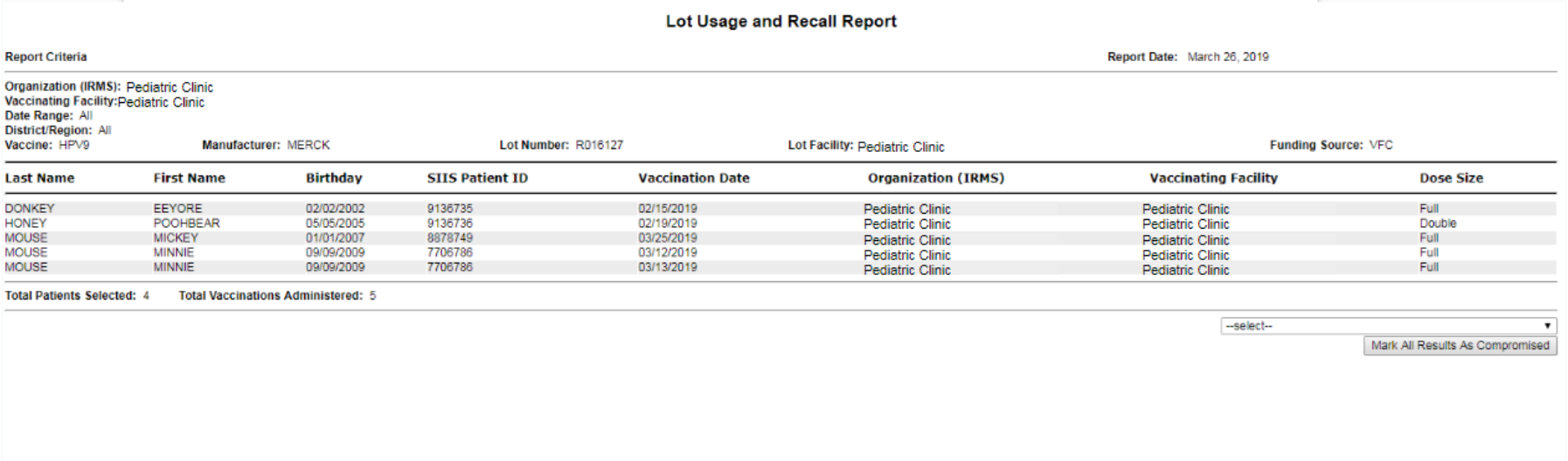
Click “Lot Usage and Recall Report”

Select the lot number in question. Click “Create Report”



Lot Usage and Recall Report

Shows what decremented from inventory



Lot Usage and Recall Report

Report Criteria **Report Date:** March 26, 2019

Organization (IRMS): Pediatric Clinic
Vaccinating Facility: Pediatric Clinic
Date Range: All
District/Region: All
Vaccine: HPV9 **Manufacturer:** MERCK **Lot Number:** R016127 **Lot Facility:** Pediatric Clinic **Funding Source:** VFC

Last Name	First Name	Birthday	SIIS Patient ID	Vaccination Date	Organization (IRMS)	Vaccinating Facility	Dose Size
DONKEY	EEYORE	02/02/2002	9136735	02/15/2019	Pediatric Clinic	Pediatric Clinic	Full
HONEY	POOHBEAR	05/05/2005	9136736	02/19/2019	Pediatric Clinic	Pediatric Clinic	Double
MOUSE	MICKEY	01/01/2007	8878749	03/25/2019	Pediatric Clinic	Pediatric Clinic	Full
MOUSE	MINNIE	09/09/2009	7706786	03/12/2019	Pediatric Clinic	Pediatric Clinic	Full
MOUSE	MINNIE	09/09/2009	7706786	03/13/2019	Pediatric Clinic	Pediatric Clinic	Full

Total Patients Selected: 4 **Total Vaccinations Administered:** 5

--select--

Mark All Results As Compromised

Look at the Dose Size

Poohbear Honey received a double dose. Is that accurate?

Lot Usage and Recall Report

Report Criteria **Report Date:** March 26, 2019

Organization (IRMS): Pediatric Clinic
Vaccinating Facility: Pediatric Clinic
Date Range: All
District/Region: All
Vaccine: HPV9 **Manufacturer:** MERCK **Lot Number:** R016127 **Lot Facility:** Pediatric Clinic **Funding Source:** VFC

Last Name	First Name	Birthday	SIIS Patient ID	Vaccination Date	Organization (IRMS)	Vaccinating Facility	Dose Size
DONKEY	EEYORE	02/02/2002	9136735	02/15/2019	Pediatric Clinic	Pediatric Clinic	Full
HONEY	POOHBEAR	05/05/2005	9136736	02/19/2019	Pediatric Clinic	Pediatric Clinic	Double
MOUSE	MICKEY	01/01/2007	8878749	03/25/2019	Pediatric Clinic	Pediatric Clinic	Full
MOUSE	MINNIE	09/09/2009	7706786	03/12/2019	Pediatric Clinic	Pediatric Clinic	Full
MOUSE	MINNIE	09/09/2009	7706786	03/13/2019	Pediatric Clinic	Pediatric Clinic	Full

Total Patients Selected: 4 **Total Vaccinations Administered:** 5

--select--

Mark All Results As Compromised

Lot Usage and Recall Report

There are 4 patients & 5 vaccines administered.

Minnie Mouse received 2 doses, one day apart. Is that accurate?

Lot Usage ar

Report Criteria

Organization (IRMS): Pediatric Clinic
Vaccinating Facility: Pediatric Clinic
Date Range: All
District/Region: All
Vaccine: HPV9 **Manufacturer:** MERCK **Lot Number:** R016127

Last Name	First Name	Birthday	SIIS Patient ID	Vaccination Date
DONKEY	EEYORE	02/02/2002	9136735	02/15/2019
HONEY	POOHBEAR	05/05/2005	9136736	02/19/2019
MOUSE	MICKEY	01/01/2007	8878749	03/25/2019
MOUSE	MINNIE	09/09/2009	7706786	03/12/2019
MOUSE	MINNIE	09/09/2009	7706786	03/13/2019

Total Patients Selected: 4 **Total Vaccinations Administered:** 5

Compare Lot Usage & Recall Report with Dose Accountability Log

Lot Us

Report Criteria

Organization (IRMS): Pediatric Clinic
Vaccinating Facility: Pediatric Clinic
Date Range: All
District/Region: All
Vaccine: HPV9 **Manufacturer:** MERCK **Lot Number:** R016127

Last Name	First Name	Birthday	SIIS Patient ID	Vaccination
DONKEY	EEYORE	02/02/2002	9136735	02/15/2019
HONEY	POOHBEAR	05/05/2005	9136736	02/19/2019
MOUSE	MICKEY	01/01/2007	8878749	03/25/2019
MOUSE	MINNIE	09/09/2009	7706786	03/12/2019
MOUSE	MINNIE	09/09/2009	7706786	03/13/2019

Total Patients Selected: 4 **Total Vaccinations Administered:** 5

Dose Accountability Log

Date Log Begins: Jan 2019	VFC Pin: 0000	**Eligibility Codes:** 1 – Private Insurance (NOT VFC ELIGIBLE) 2 – AHCCCS 3 – Uninsured (self pay) 4 – American Indian/Alaska Native 5 – Underinsured (Deputized Providers Only) 6 – KidsCare 7 – 317 (NOT VFC ELIGIBLE)
Date Log Ends: 3/31/2019	Practice Name: Pediatric Clinic	

	Name or EMR Patient ID/Visit ID	Patient DOB	Eligibility Code	Vaccine	Lot Number
1.	Eeyore Donkey	2/2/2002	V02	HPV9	R016127
2.	Poohbear Honey	5/5/2005	V02	HPV9	R016127
3.	Mickey Mouse	1/1/2007	V02	HPV9	R016127
4.	Minnie Mouse	9/9/2009	V02	HPV9	R016127
5.	Buzz Lightyear	4/4/2009	V02	HPV9	R016127
6.	Briar Rose Aurora	1/3/2004	V02	HPV9	R016127
7.					

- Buzz and Briar are on Dose Accountability Log
  - I gave them doses
- Buzz and Briar are not on Lot Usage and Recall Report
  - They didn't decrement from my inventory
- Minnie is on Dose Accountability Log once
- Minnie is on Lot Usage and Recall report twice

Report Criteria

Organization (IRMS): Pediatric Clinic
Vaccinating Facility: Pediatric Clinic
Date Range: All
District/Region: All
Vaccine: HPV9 **Manufacturer:** MERCK

Last Name	First Name	Birthday
DONKEY	EEYORE	02/02/2002
HONEY	POOHBEAR	05/05/2005
MOUSE	MICKEY	01/01/2007
MOUSE	MINNIE	09/09/2009
MOUSE	MINNIE	09/09/2009

Total Patients Selected: 4 **Total Vaccinations Administered:** 5

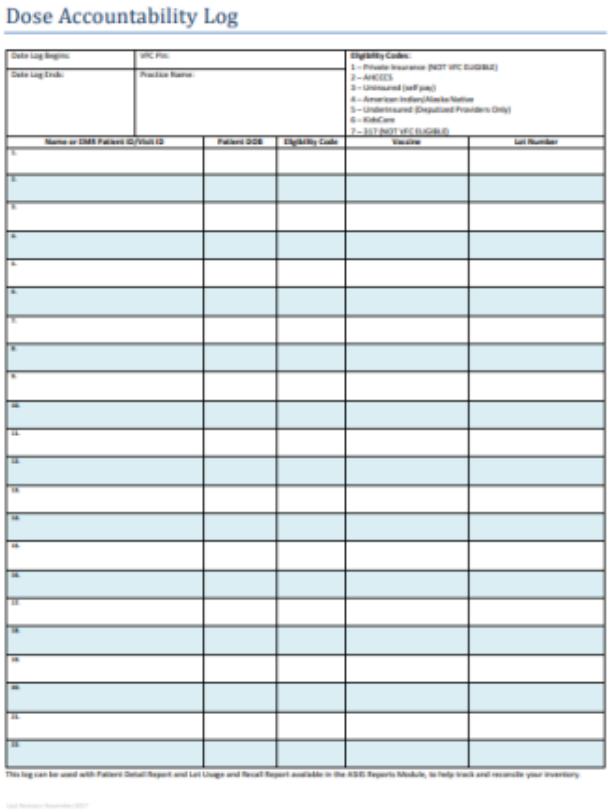
Date Log Ends:	Practice Name:	
3/31/2019	Pediatric Clinic	

2 – AHCCCS
3 – Uninsured (self pay)
4 – American Indian/Alask
5 – Underinsured (Deputi
6 – KidsCare
7 – 317 (NOT VFC ELIGIBL

	Name or EMR Patient ID/Visit ID	Patient DOB	Eligibility Code	Vaccine
1.	Eeyore Donkey	2/2/2002	V02	HPV9
2.	Poohbear Honey	5/5/2005	V02	HPV9
3.	Mickey Mouse	1/1/2007	V02	HPV9
4.	Minnie Mouse	9/9/2009	V02	HPV9
5.	Buzz Lightyear	4/4/2009	V02	HPV9
6.	Briar Rose Aurora	1/3/2004	V02	HPV9
7.				

Tip:

- Use Dose Accountability Logs
- www.azdhs.gov/vfc under resources
- Some EMRs have a similar report



Dose Accountability Log

Date Log Begins:	VFC Pin:	Eligibility Codes: 1 – Private Insurance (NOT VFC ELIGIBLE) 2 – AHCCCS 3 – Uninsured (self pay) 4 – American Indian/Alaska Native 5 – Underinsured (Deputized Providers Only) 6 – KidsCare 7 – 317 (NOT VFC ELIGIBLE)
Date Log Ends:	Practice Name:	

Name or EMR Patient ID/Visit ID	Patient DOB	Eligibility Code	Vaccine	Lot Number
1.				
2.				
3.				
4.				
5.				
6.				
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8.				
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12.				
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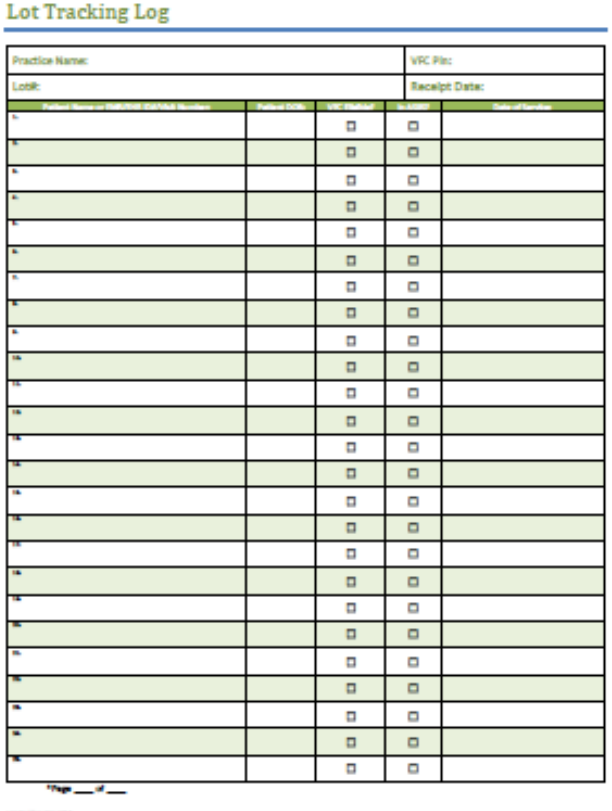
20.				
21.				
22.				

This log can be used with Patient Detail Report and Lot Usage and Recall Report available in the ASIS Reports Module, to help track and reconcile your inventory.



Lot Tracking Log

Practice Name:	VFC Pin:
Lot#:	Receipt Date:

Patient Name or Visit/Visit Number	Patient DOB	VFC Eligible	Vaccine	Date of Service
1.		☐	☐	
2.		☐	☐	
3.		☐	☐	
4.		☐	☐	
5.		☐	☐	
6.		☐	☐	
7.		☐	☐	
8.		☐	☐	
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*Page ___ of ___

Correcting Negative Doses in ASIIS

Reconciling ASIIS inventory (For Pfizer Vaccines on or prior to February 15th)

- Giving more doses than what is in the ASIIS inventory will make the inventory negative, which will mean you cannot submit inventory reconciliation

Email Data Logger Reports

- Setup Data Logger prior to receiving vaccines
- Download every two weeks & send report every month with each order to Email ArizonaVFC@azdhs.gov
- Must be in data format (.xls, .txt, or .csv)
  - **Pdf is NOT data format**
  - May submit directly from LogTag application
- Order may be cancelled if data logger report isn't submitted

1	Index,Date,Time,Readings (°F),Type
2	1,"11/30/2017","4:07:44 PM","39.7",
3	2,"11/30/2017","4:22:44 PM","39.7",
4	3,"11/30/2017","4:37:44 PM","39.7",
5	4,"11/30/2017","4:52:44 PM","39.7",
6	5,"11/30/2017","5:07:44 PM","39.7",
7	6,"11/30/2017","5:22:44 PM","39.7",
8	7,"11/30/2017","5:37:44 PM","39.7",
9	8,"11/30/2017","5:52:44 PM","39.7",
10	9,"11/30/2017","6:07:44 PM","39.7",

1060020212 Started 12-28-2017, Finished 3-19-2018

LogTag

Recorder has been downloaded 8/28/2018 2:36:06 PM (UTC -07:00, st

Alarm Status

Low ✗ Fail
High ✗ Fail

Recorder Info

Serial # : 1060020212 Model : TRED30-7R Battery : OK Trip # : 5
User ID : AZA 1481 FREEZER

Recorder Configuration

Start type : Push button start
Start delay : None
Interval : 15 Minutes
Alarm indicator : Enabled lower & upper

Temperature alarms
Lower : -40.0 °F
Upper : 5.0 °F after 2 Consec

Recorded Data

First reading : 12/28/2017 10:48:50 AM
Last reading : 3/19/2018 10:48:50 AM
Elapsed Time : 81 Days
Total readings : 7777
First evaluated : 12/28/2017 10:48:50 AM
Last evaluated : 3/19/2018 10:48:50 AM
Evaluated Time : 81 Days
Evaluated Readings : 7777

Temperature statistics
Lowest : -40.0 °F
@ 12/28/2017 10:48:
Highest : 78.1 °F
@ 12/28/2017 11:03:
Average reading : **
Standard Deviation (S) : **
Mean Kinetic Temperature **

Arizona Immunization Program Office

Main Line: 602-364-3630
Vaccine Center: 602-364-3642 Email: ArizonaVFC@azdhs.gov
ASIIS Help Desk: 602-364-3899 Email: ASIISHelpDesk@azdhs.gov

THANK YOU!