



**Department
of Health**

Data Exchange Dashboard Makes Onboarding Easier and Data Quality Better

New York State Immunization Information System

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Dashboard Overview



**Department
of Health**

Why we created the Dashboard

- NYSIIS staff looking for quick overview of data exchange (DX) users without accessing data
 - Allows staff to be proactive in response to any DX issues
- Providers not reviewing response files
- Providers using HUBs for automated data submission wished to view HL7 error messages from NYSIIS
- Providers with questions on how to prioritize error messages

Percentage	Color
N/A	Clear – No color
0%	Green
1 to 24.9%	Yellow
25 to 49.9%	Orange
50% and Greater	Red

NYSIIS Job Monitor Screen

Job Status	Mode	UPHN-Large + UI		Refresh
Select Date Range				
<input checked="" type="radio"/>	Today			
<input type="radio"/>	Date Range:			
From		To		
		Hour Range:		
		From	12:01 AM	To 11:59 PM
<input checked="" type="radio"/>	Sending Org	<input type="radio"/>	Owning Org	
Job ID		Job Name		Message Control ID
Go to Errors Section				
Go to Pending Jobs Section				
Go to Completed Jobs Section				

Completed Jobs Results Returned 1-50 of 264 [Next »](#)

[Go to Top](#)


Job Name	Job ID	Sending Org	Message Control ID	User Name	Exchange Data Date	Process Start Date	Process End Date	Status	Response Status
Job 01/31/2018 14:53:09	47743	Vendor-TEST-HL7	COMMUNITY_1549744	Megan Meldrum	01/31/2018 14:53:09	01/31/2018 14:53:09	01/31/2018 14:53:10	COMPLETE Error:0% #Msgs:2	
Job 01/30/2018 15:41:47	47729	RHIO - TESTORG	Multiple	Megan Meldrum	01/30/2018 15:41:47	01/30/2018 15:41:47	01/30/2018 15:41:55	COMPLETE Error:0% #Msgs:2,450	
Job 01/30/2018 15:38:09	47728	RHIO - TESTORG	COMMUNITY_1549744	Megan Meldrum	01/30/2018 15:38:09	01/30/2018 15:38:09	01/30/2018 15:38:10	COMPLETE Error:0% #Msgs:2	
Job 01/30/2018 15:37:03	47727	RHIO - TESTORG	COMMUNITY_1549744	Megan Meldrum	01/30/2018 15:37:03	01/30/2018 15:37:03	01/30/2018 15:37:03	COMPLETE Error:0% #Msgs:2	
Job 01/30/2018 15:36:05	47726	RHIO - TESTORG		Megan Meldrum	01/30/2018 15:36:05	01/30/2018 15:36:05	01/30/2018 15:36:05	COMPLETE Error:100% #Msgs:1	
Job 01/30/2018 12:02:36	47725	Vendor-TEST-HL7	27593128443	Megan Meldrum	01/30/2018 12:02:36	01/30/2018 12:02:36	01/30/2018 12:02:40	COMPLETE Error:0% #Msgs:2	
Job 01/29/2018 12:50:40	47722	IR Physicians	701	Jennifer Bednar	01/29/2018 12:50:40	01/29/2018 12:50:40	01/29/2018 12:50:40	COMPLETE Error:0% #Msgs:2	



STATE OF
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Department
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NYSIIS Data Exchange Status Page



**New York State
Immunization
Information System**

QA Region 6.3.0

Patients
manage patient
enter new patient
manage patient status
merge patients

Immunizations
manage immunizations

Reports
vfc report status
vfc report totals
reminder / recall
check reminder status
manage custom letters
request callback
cocasa extract
check request status
vfc report
group patients
check group status
parental notification
check parental status
benchmark report
check benchmark

home manage access/account forms related links logout help desk

organization **Vendor-TEST-HL7** • user **Megan Meldrum** • role **NYSIIS System Manager**

Exchange Data Status Mode UI Refresh

Select Date Range

☐ Today ▼

☒ Date Range:

From 02/01/2018 📅 To 02/28/2018 📅

Hour Range:

From ▼ To ▼

Job ID

Message Control ID

Results Returned 1-50 of 54 [Next »](#)

Job Name	Job ID	Message Control ID	User Name	Exchange Data Date	Process Start Date	Process End Date	Deduct	Status
Job 02/26/2018 11:25:21	48148	20170502103949-46632000200	Megan Meldrum	02/26/2018 11:25:21	02/26/2018 11:25:21	02/26/2018 11:25:22	Yes	COMPLETE Error:0% #Msgs:3
Job 02/26/2018 11:24:48	48147	20170502103949-46632000200	Megan Meldrum	02/26/2018 11:24:48	02/26/2018 11:24:48	02/26/2018 11:24:49	Yes	COMPLETE Error:33% #Msgs:3
Job 02/26/2018 11:18:11	48146	Multiple	Megan Meldrum	02/26/2018 11:18:11	02/26/2018 11:18:11	02/26/2018 11:18:13	Yes	COMPLETE Error:43% #Msgs:7
Job 02/26/2018 11:17:18	48145	Multiple	Megan Meldrum	02/26/2018 11:17:18	02/26/2018 11:17:18	02/26/2018 11:17:22	Yes	COMPLETE Error:100% #Msgs:7



New York State Immunization Information System

QA Region 6.2

Patients

manage patient
enter new patient
manage patient status
merge patients

Immunizations

manage immunizations
reports

fc report status
fc report totals
reminder / recall
check reminder status
manage custom letters
request callback
ocasa extract
check request status
fc report
group patients
check group status
parental notification
check parental status
benchmark report

[home](#)[manage access/account](#)[forms](#)[related links](#)[logout](#)[help desk](#)

8

organization **Vendor-TEST-HL7** • user **Megan Meldrum** • role **NYSIIS System Manager**

Download Files for: Job 02/26/2018 11:18:11

[Cancel](#)

[HL7 251 Latest Response](#) (2KB)

[Inbound HL7 251 Latest File](#) (3KB)

Download Log for: Job 02/26/2018 11:18:11

File	User Name	Download Date
Inbound HL7 251 Latest File	Megan Meldrum	02/26/2018 11:21:10
HL7 251 Latest Response	Megan Meldrum	02/26/2018 11:18:21

Summary Information for: Job 02/26/2018 11:18:11

Description	Patient	Immunization	Comment	Event
Processed	3	4	0	0
Accepted	2	2	0	0
New	1	2	0	0
Updated	1	0	0	0
Deleted	-	0	-	-
Already in NYSIIS	0	0	0	0
Rejected	1	2	0	0
Pending	0	0	0	0
Inventory Updated	-	0	-	-
Inventory Not Updated	-	2	-	-

FHS|^~&|NYSIIS6.2.0|NYSIIS||P1229|20180709134910.179||6985954.response||20180704060002

BHS|^~&|NYSIIS6.2.0|NYSIIS||P1229|20180709134910.179|||20180704060002

MSH|^~&|NYSIIS6.2.0|NYSIIS||P1229|20180709134910.181||ACK^V04^ACK|eb59b8f5-2e00-4bd1-a907-4da4f5bc249d|P|2.5.1|||NE|NE||||Z23^CDCPHIMVS|NYSIIS|P1229

MSA|AE|eb59b8f5-2e00-4bd1-a907-4da4f5bc249d

ERR||OBX^2^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||PID^1^13^2^3|207^Application internal error^HL70357|W|4^Invalid value^HL70533||Informational Error - If supplied, PID-13.3 must match constraint listed in spec.

ERR||RXA^1^5^1|101^Required field missing^HL70357|E||||Record Rejected. You must supply at least ONE immunization identifying code

ERR||MSH^1^0|100^Segment sequence error^HL70357|E|4^Invalid value^HL70533||Record rejected. All immunizations invalid.

MSH|^~&|NYSIIS6.2.0|NYSIIS||P1229|20180709134910.181||ACK^V04^ACK|edf54297-8415-4ce4-89d2-c2afa2b145e1|P|2.5.1|||NE|NE||||Z23^CDCPHIMVS|NYSIIS|P1229

MSA|AE|edf54297-8415-4ce4-89d2-c2afa2b145e1

ERR||OBX^1^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||PID^1^13^2^3|207^Application internal error^HL70357|W|4^Invalid value^HL70533||Informational Error - If supplied, PID-13.3 must match constraint listed in spec.

ERR||RXA^1^9^1|207^Application internal error^HL70357|E||||Immunization source must be 00 to deduct inventory

MSH|^~&|NYSIIS6.2.0|NYSIIS||P1229|20180709134910.182||ACK^V04^ACK|c31f98ca-9671-4b9d-alf3-b185fcb7a5fc|P|2.5.1|||NE|NE||||Z23^CDCPHIMVS|NYSIIS|P1229

MSA|AE|c31f98ca-9671-4b9d-alf3-b185fcb7a5fc

ERR||OBX^2^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||OBX^3^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||OBX^4^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||PID^1^13^2^3|207^Application internal error^HL70357|W|4^Invalid value^HL70533||Informational Error - If supplied, PID-13.3 must match constraint listed in spec.

ERR||ORC^1^12^1^13|101^Required field missing^HL70357|W||||Information error - Required field ORC-12.13 missing.

ERR||OBX^4^2^1|207^Application internal error^HL70357|W|4^Invalid value^HL70533||Informational Error - If supplied, OBX 2 must match constraint listed in spec.

ERR||RXA^1^15^1|207^Application internal error^HL70357|E|3^Illogical Value error^HL70533||Immunization added but not deducted from inventory. Vaccine Lot not found in NYSIIS.

MSH|^~&|NYSIIS6.2.0|NYSIIS||P1229|20180709134910.182||ACK^V04^ACK|7fc266fc-47b4-4cdb-97b0-d923a265d8b5|P|2.5.1|||NE|NE||||Z23^CDCPHIMVS|NYSIIS|P1229

MSA|AE|7fc266fc-47b4-4cdb-97b0-d923a265d8b5

ERR||OBX^2^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||OBX^3^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||OBX^4^3^1|101^Required field missing^HL70357|E|6^Required observation missing^HL70533||INACCURATE OR MISSING OBSERVATION VALUE. NO VALUE STORED.

ERR||PID^1^13^2^3|207^Application internal error^HL70357|W|4^Invalid value^HL70533||Informational Error - If supplied, PID-13.3 must match constraint listed in spec.

ERR||ORC^1^12^1^13|101^Required field missing^HL70357|W||||Information error - Required field ORC-12.13 missing.

ERR||OBX^4^2^1|207^Application internal error^HL70357|W|4^Invalid value^HL70533||Informational Error - If supplied, OBX 2 must match constraint listed in spec.

ERR||RXA^1^15^1|207^Application internal error^HL70357|E|3^Illogical Value error^HL70533||Immunization added but not deducted from inventory. Vaccine Lot not found in NYSIIS.



organization Julie's Pediatrics • user Megan Meldrum • role Admin User (Provider)

Data Exchange Dashboard Criteria

Organization(s): Julie's Pediatrics ▼

Generate Report

Data:

☒ Production

☐ Test

Report Option:

☒ Provider Data Exchange Dashboard

Report Date Range:

☒ From Date 

To Date 

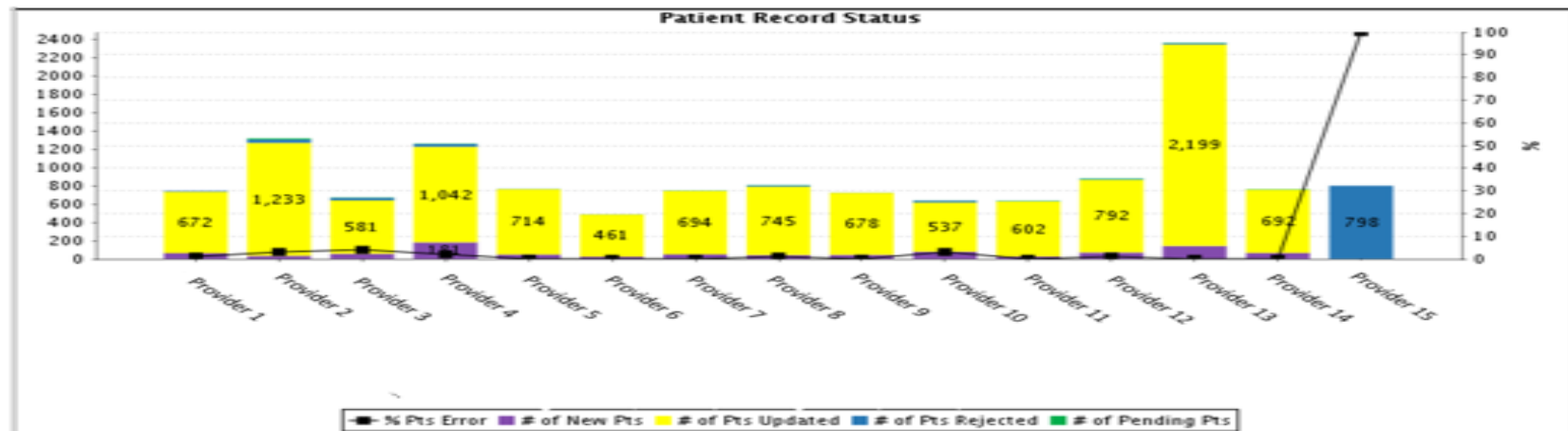


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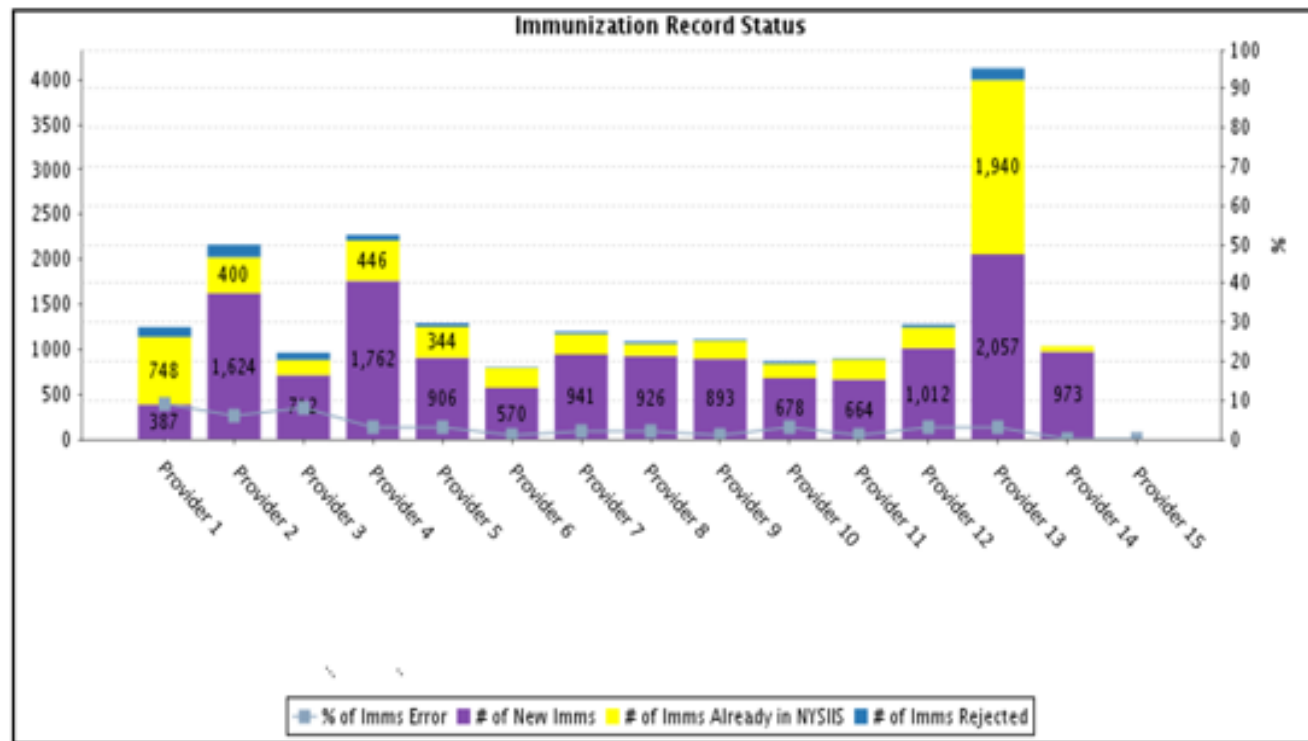
Summary Tab

Summary of Data Exchange VXU Jobs	
Total # of Jobs:	24223
Total # of Patients Processed:	47590
# of New Patient(s):	4266
# of Patient(s) Updated:	41506
# of Patient(s) Rejected:	1619
# of Patient(s) Pending:	199
Total # of Immunizations Processed:	68398
# of New Immunization(s):	46640
# of Immunization(s) Already In NY SIIS:	19021
# of Immunization(s) Rejected:	2386

Patient Record Status by organization (can show up to 15 orgs)



Immunization Record Status by organization (can show up to 15 orgs)



Timeliness of New Immunizations Entered

Timeliness of New Administered Immunizations		
	Count	Percentage
Total # of New Administered Immunizations:	35917	
<= 1 day (difference <= 1 day)	34368	96%
2 - 7 days (difference between 2 - 7 days)	594	2%
8 - 14 days (difference between 8 - 14 days)	176	0%
15 - 30 days (difference 15 - 30 days)	199	1%
> 30 days (difference > 30 days)	580	2%

Summary of VXU Error Types

Summary of Data Exchange VXU Error Types	
Total # of Errors:	163124
# of I-Informational Errors:	133
# of W-Warning Errors:	109299
# of E-Error Errors:	53692

Job Detail Tab

Report run on: 01/29/2018

Organization: Hub

Org Name /Date / Job #	Total # of Patients	# of New Patients	# of Patients Updated	# of Patients Rejected	# of Pending Patients	Total # of Imms	# of New Imms	# of Imms Already In NY SIS	# of Imms Rejected	% Patients Errors	% Imm Errors
Provider 1	70	47	23	0	0	70	65	4	1	0%	1%
02-JAN	1	0	1	0	0	1	1	0	0	0%	0%
Job#2678501	1	0	1	0	0	1	1	0	0	0%	0%
03-JAN	4	1	3	0	0	4	4	0	0	0%	0%
Job#2691545	1	1	0	0	0	1	1	0	0	0%	0%
Job#2702239	1	0	1	0	0	1	1	0	0	0%	0%
Job#2709290	1	0	1	0	0	1	1	0	0	0%	0%
Job#2710057	1	0	1	0	0	1	1	0	0	0%	0%
Provider 2	70	5	65	0	0	95	62	27	6	0%	6%
09-JAN	1	0	1	0	0	1	1	0	0	0%	0%
Job#2788304	1	0	1	0	0	1	1	0	0	0%	0%

Error Detail Tab

Report run on: 01/29/2018

Organization: Hub

Sending Org	Owning Org	Date	JobID	CtrlID	Error Segment	Error Component	Error Status Code	Error Severity	Error Description
Hub	Provider 1	01/02/2018	2678501	317194644134300	RXA	RXA-15	207	E	Immunization added but not deducted from inventory. Vaccine Lot not found in NYSIS.
Hub	Provider 1	01/02/2018	2678501	317194644134300	RXA	RXA-17	101	W	Information error - Required field RXA-17 missing.
Hub	Provider 1	01/03/2018	2691545	317194645085600	RXR	RXR-1	101	W	Information error - Required field RXR-1 missing.
Hub	Provider 1	01/03/2018	2691545	317194645085600	NK1	NK1-2	101	W	Information error - Required field NK1-2-1 missing.
Hub	Provider 1	01/03/2018	2702239	317194646112200	RXA	RXA-15	207	E	Immunization added but not deducted from inventory. Vaccine Lot not found in NYSIS.
Hub	Provider 2	01/05/2018	2722947	317194652090001	RXA	RXA-17	101	W	Information error - Required field RXA-17 missing.

organization NYS Department of Health • user Megan Meldrum • role IR Systems Supervisor

Data Exchange Dashboard Criteria

Organization Type: Private Practice, including Solo, Group, HMO ▼

Generate Report

Organization(s): -- Top 15 Orgs with Rejected Patients ▼

Data:

☒ Production

☐ Test

Report Option:

☒ Sending Organization Only

☐ Sending and Owning Organization(s)

☐ Sending and Owning Organization(s) Errors

☐ Provider Data Exchange Dashboard

☐ Data Exchange Summary Dashboard

Report Date Range:

☒ From Date 

To Date 

☐ From Month ▼ Year ▼

To Month ▼ Year ▼

The "Sending Organization Only" report is not available when "All Organizations" option is selected from the Organization(s) drop-down field.

The "Sending & Owning Organization(s)" report is only available when a specific organization is selected from the Organization(s) drop-down field.

The "Sending & Owning Organization(s) Errors" and "Provider Data Exchange Dashboard" reports are only available for organizations submitting HL7 251 (or later versions) format files.

The "Data Exchange Summary Dashboard" report is only available when "All Organizations" is selected and no organization type is selected.

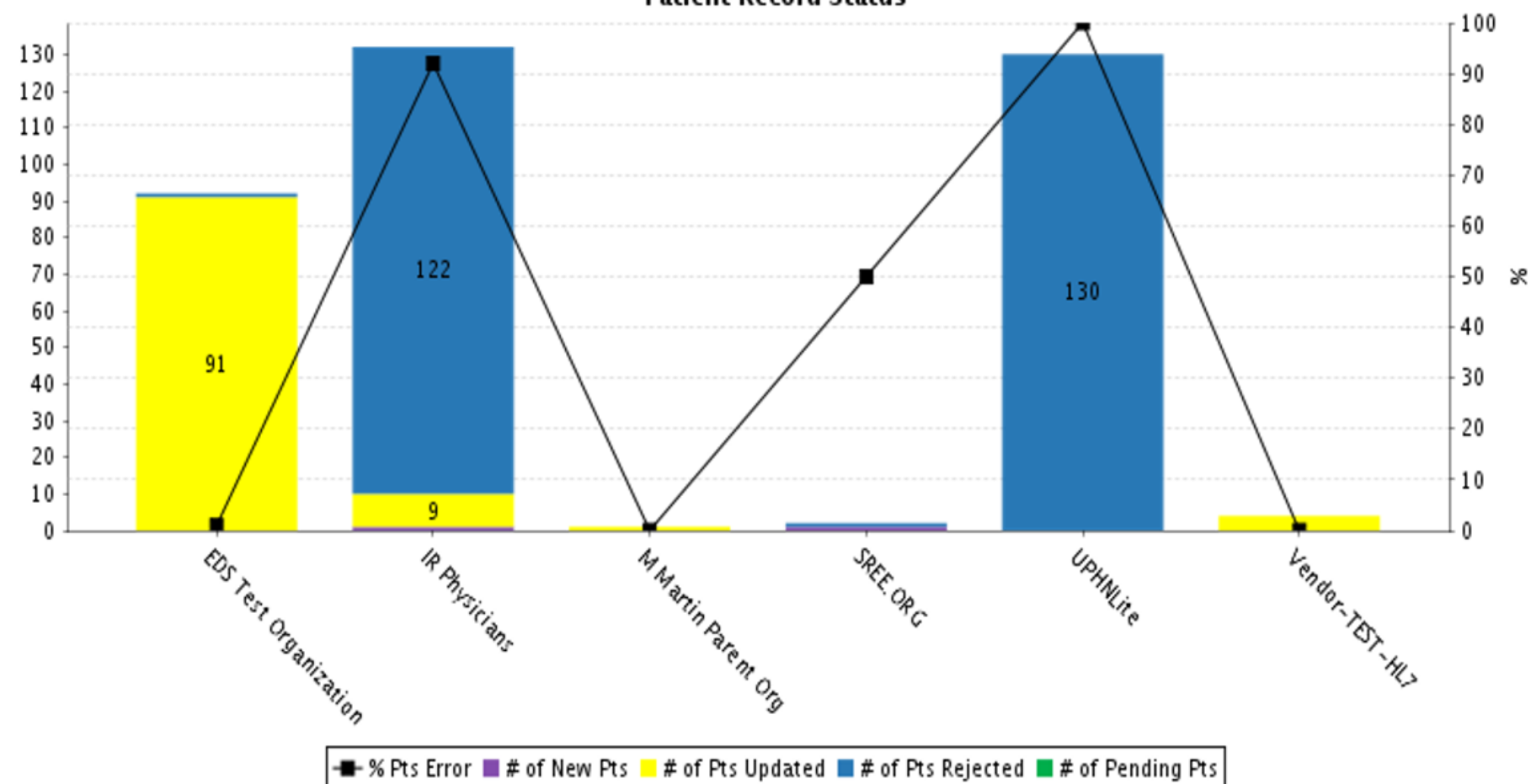
Report run on: 07/09/2018

Organization: Top 15 Orgs with Rejected Patients

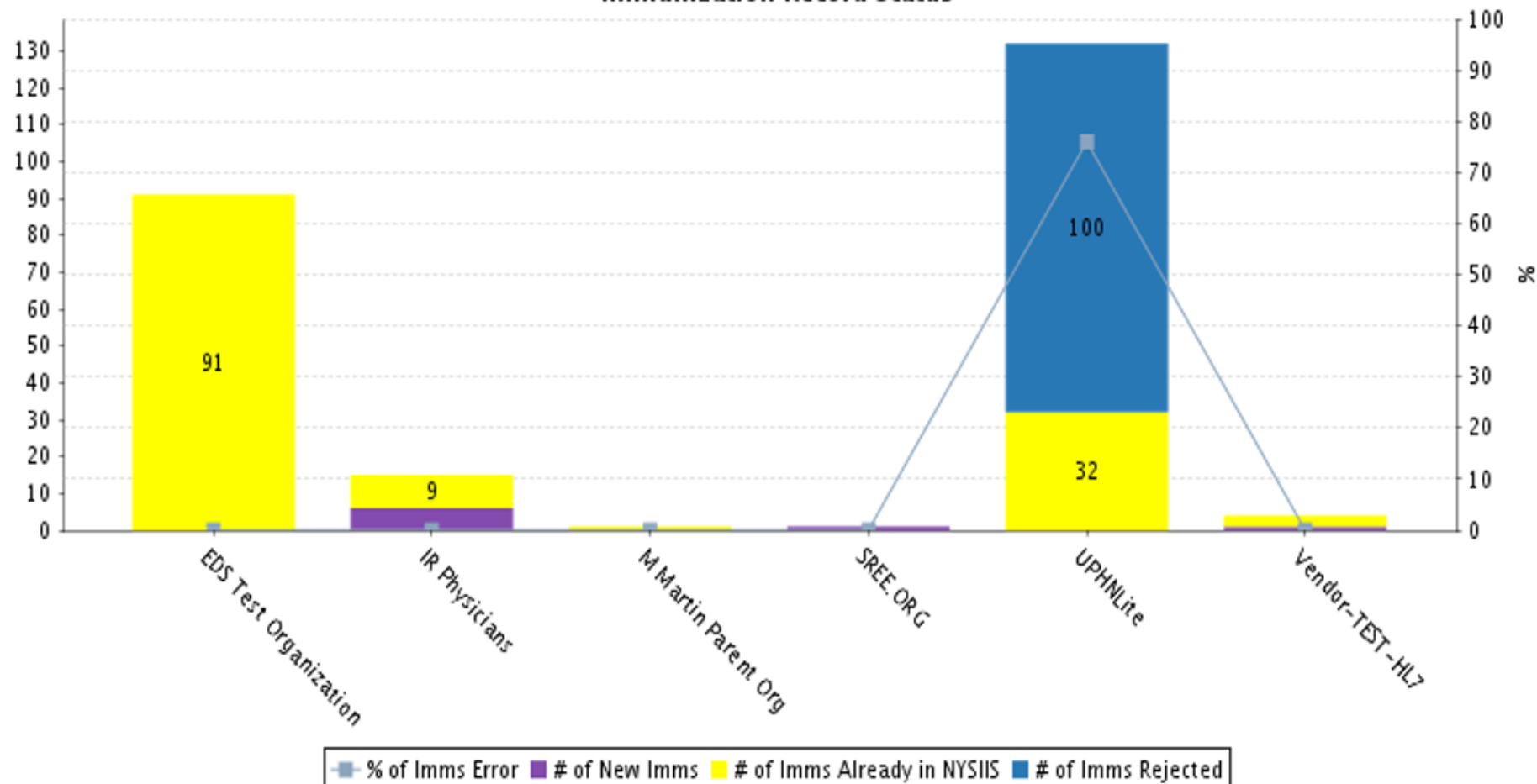
Summary of Data Exchange VXU Jobs	
Total # of Jobs:	265
Total # of Patients Processed:	361
# of New Patient(s):	2
# of Patient(s) Updated:	105
# of Patient(s) Rejected:	254
# of Patient(s) Pending:	0
Total # of Immunizations Processed:	244
# of New Immunization(s):	8
# of Immunization(s) Already In NYSIIS:	136
# of Immunization(s) Rejected:	100



Patient Record Status



Immunization Record Status



Data Exchange Dashboard by Provider

Data Exchange Period: 06/18/2018 to 07/09/2018

Report run on: 07/09/2018

Organization: Top 15 Orgs with Rejected Patients

Org Name / Date / Job #	Total # of Patients	# of New Patients	# of Patients Updated	# of Patients Rejected	# of Pending Patients	Total # of Imms	# of New Imms	# of Imms Already In NYSIS	# of Imms Rejected	% Patients Errors	% Imm Errors
EDS Test Organization	92	0	91	1	0	91	0	91	0	1%	0%
02-JUL	1	0	0	1	0	0	0	0	0	100%	0%
Job#73784	1	0	0	1	0	0	0	0	0	100%	0%
03-JUL	91	0	91	0	0	91	0	91	0	0%	0%
Job#73799	1	0	1	0	0	1	0	1	0	0%	0%
Job#73800	1	0	1	0	0	1	0	1	0	0%	0%
Job#73801	1	0	1	0	0	1	0	1	0	0%	0%
Job#73802	1	0	1	0	0	1	0	1	0	0%	0%

organization **NYS Department of Health** • user **Megan Meldrum** • role **IR Systems Supervisor**

Data Exchange Dashboard Criteria

Organization Type: Private Practice, including Solo, Group, HMO ▼

Generate Report

Organization(s): -- Top 15 Orgs with Rejected Imms ▼

Data:

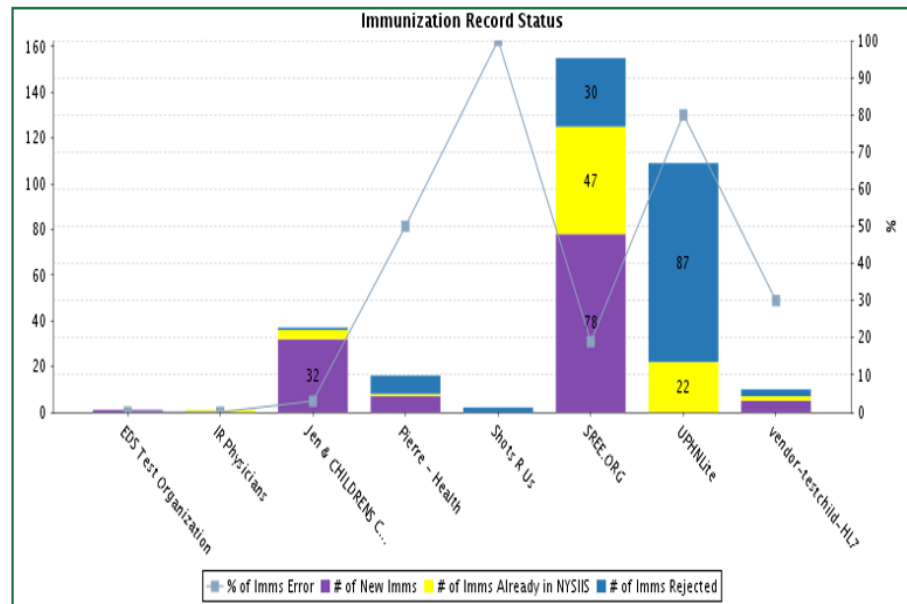
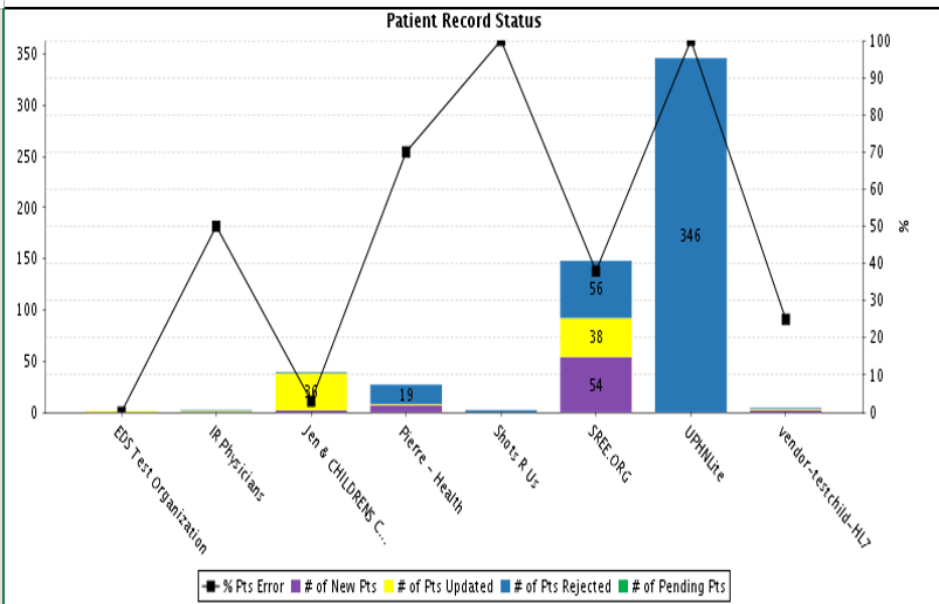


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Organization: Top 15 Orgs with Rejected Imms

Summary of Data Exchange VXU Jobs

Total # of Jobs:	135
Total # of Patients Processed:	569
# of New Patient(s):	65
# of Patient(s) Updated:	78
# of Patient(s) Rejected:	426
# of Patient(s) Pending:	0
Total # of Immunizations Processed:	334
# of New Immunization(s):	123
# of Immunization(s) Already In:	77
# of Immunization(s) Rejected:	131



Data Exchange Dashboard Criteria

Organization Type: Private Practice, including Solo, Group, HMO ▼

Generate Report

Organization(s): Vendor-TEST-HL7 ▼

Data:

☒ Production☐ Test

Report Option:

☒ Sending Organization Only☐ Sending and Owning Organization(s)☐ Sending and Owning Organization(s) Errors☐ Provider Data Exchange Dashboard☐ Data Exchange Summary Dashboard

Report Date Range:

☒ From Date To Date ☐ From Month ▼ Year ▼To Month ▼ Year ▼

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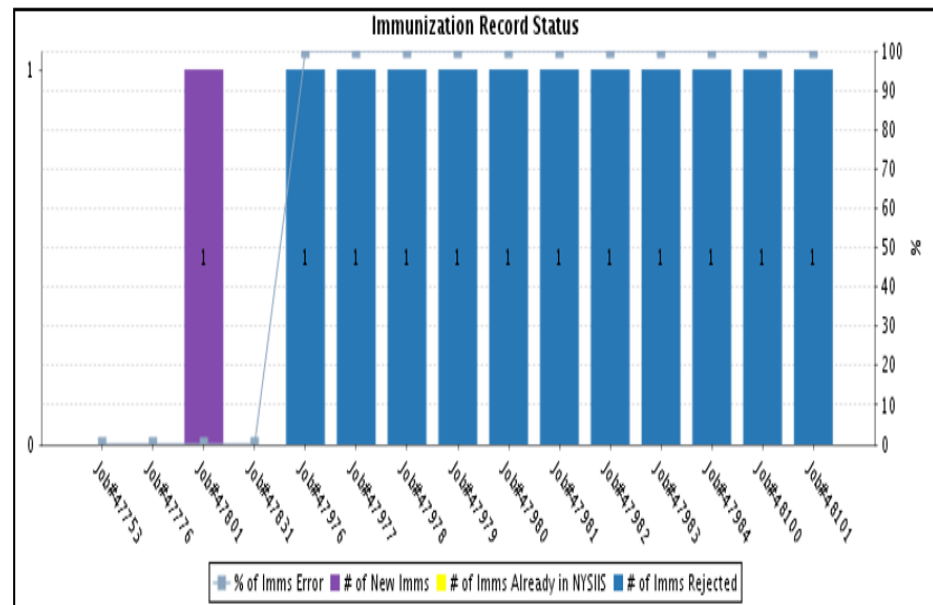
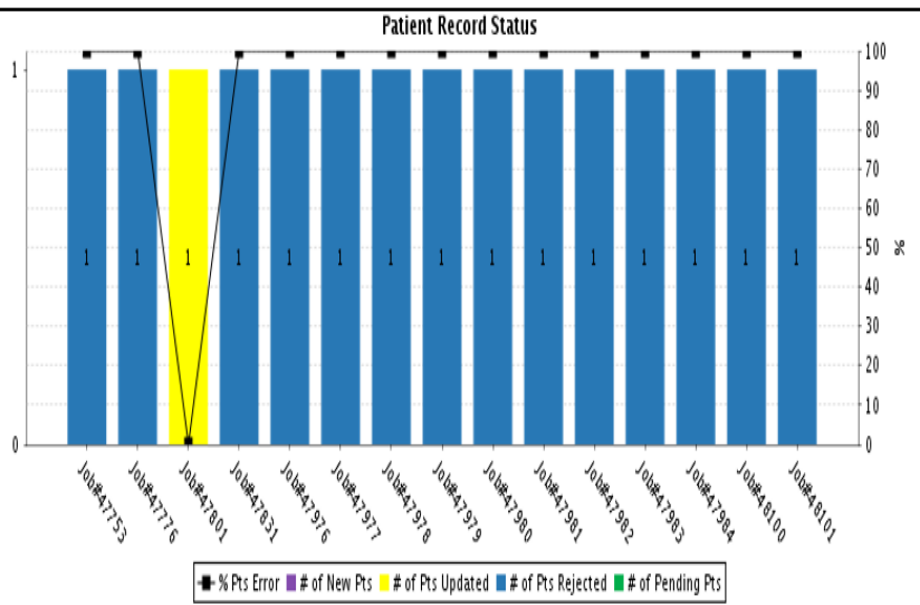
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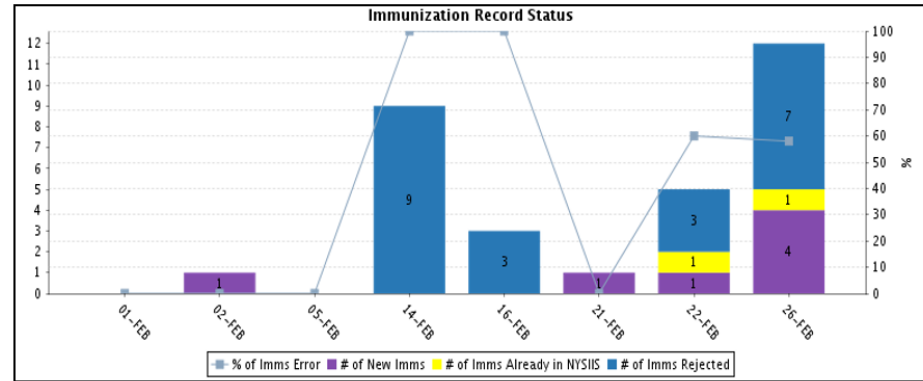
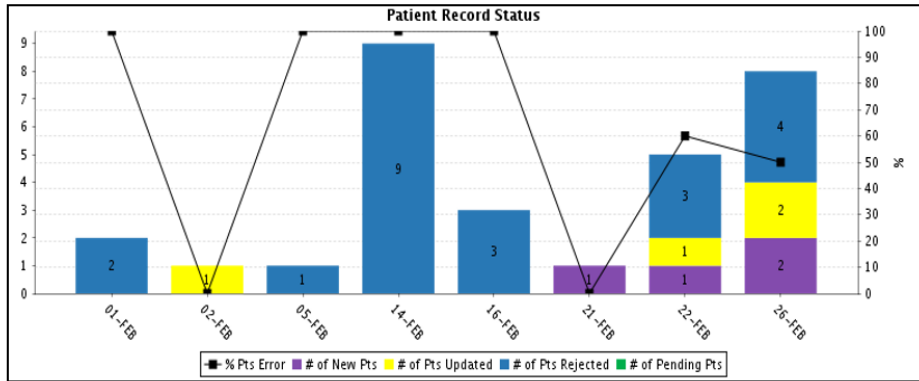
The "Data Exchange Summary Dashboard" report is only available when "All Organizations" is selected and no organization type is selected.

Report run on: 07/10/2018

Organization: Vendor-TEST-HL7

Summary of Data Exchange VXU Jobs	
Total # of Jobs:	26
Total # of Patients Processed:	30
# of New Patient(s):	4
# of Patient(s) Updated:	4
# of Patient(s) Rejected:	22
# of Patient(s) Pending:	0
Total # of Immunizations Processed:	31
# of New Immunization(s):	7
# of Immunization(s) Already In	2
# of Immunization(s) Rejected:	22





Data Exchange Dashboard Report

Data Exchange Period: 02/01/2018 to 02/28/2018

Report run on: 07/10/2018

Organization: Vendor-TEST-HL7

Org Name / Date / Job #	Total # of Patients	# of New Patients	# of Patients Updated	# of Patients Rejected	# of Pending Patients	Total # of Imms	# of New Imms	# of Imms Already In NYSIS	# of Imms Rejected	% Patients Errors	% Imm Errors
Vendor-TEST-HL7	30	4	4	22	0	31	7	2	22	73%	71%
01-FEB	2	0	0	2	0	0	0	0	0	100%	0%
Job#47753	1	0	0	1	0	0	0	0	0	100%	0%
Job#47776	1	0	0	1	0	0	0	0	0	100%	0%
02-FEB	1	0	1	0	0	1	1	0	0	0%	0%
Job#47801	1	0	1	0	0	1	1	0	0	0%	0%
05-FEB	1	0	0	1	0	0	0	0	0	100%	0%
Job#47831	1	0	0	1	0	0	0	0	0	100%	0%
14-FEB	9	0	0	9	0	9	0	0	9	100%	100%
Job#47976	1	0	0	1	0	1	0	0	1	100%	100%
Job#47977	1	0	0	1	0	1	0	0	1	100%	100%
Job#47978	1	0	0	1	0	1	0	0	1	100%	100%
Job#47979	1	0	0	1	0	1	0	0	1	100%	100%

Data Exchange Dashboard Criteria

Organization Type: Private Practice, including Solo, Group, HMO ▼

Generate Report

Organization(s): Vendor-TEST-HL7 ▼

Data:

☒ Production

☐ Test

Report Option:

☐ Sending Organization Only

☒ Sending and Owning Organization(s)

☐ Sending and Owning Organization(s) Errors

☐ Provider Data Exchange Dashboard

☐ Data Exchange Summary Dashboard

Report Date Range:

☒ From Date 

☐ From Month ▼ Year ▼

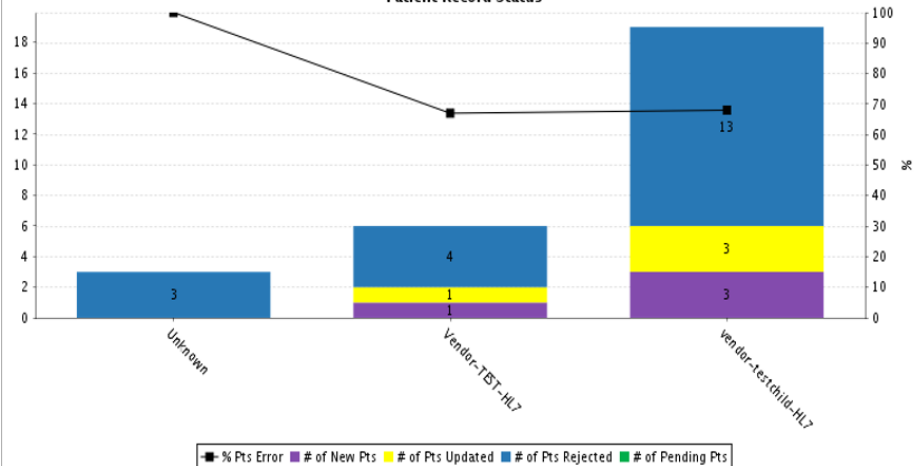
To Date 

To Month ▼ Year ▼

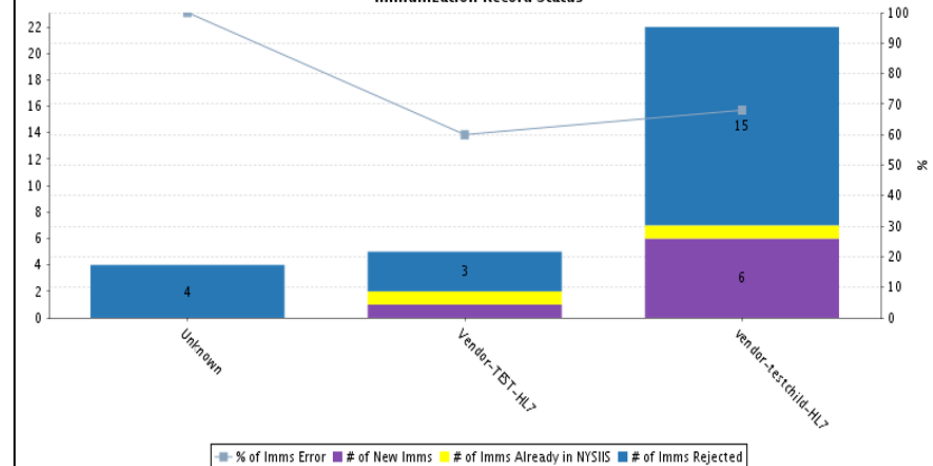
Organization: Vendor-TEST-HL7

Summary of Data Exchange VXU Jobs	
Total # of Jobs:	26
Total # of Patients Processed:	28
# of New Patient(s):	4
# of Patient(s) Updated:	4
# of Patient(s) Rejected:	20
# of Patient(s) Pending:	0
Total # of Immunizations Processed:	31
# of New Immunization(s):	7
# of Immunization(s) Already In	2
# of Immunization(s) Rejected:	22

Patient Record Status



Immunization Record Status



Summary

Detail



Report run on: 07/10/2018

Organization: Vendor-TEST-HL7

Org Name / Date / Job #	Total # of Patients	# of New Patients	# of Patients Updated	# of Patients Rejected	# of Pending Patients	Total # of Imms	# of New Imms	# of Imms Already In NYSIS	# of Imms
Unknown	3	0	0	3	0	4	0	0	
01-FEB	0	0	0	0	0	0	0	0	
Job#47753	0	0	0	0	0	0	0	0	
Job#47776	0	0	0	0	0	0	0	0	
26-FEB	3	0	0	3	0	4	0	0	
Job#48145	3	0	0	3	0	4	0	0	
Vendor-TEST-HL7	6	1	1	4	0	5	1	1	
05-FEB	1	0	0	1	0	0	0	0	
Job#47831	1	0	0	1	0	0	0	0	
22-FEB	5	1	1	3	0	5	1	1	
Job#48125	1	0	0	1	0	1	0	0	
Job#48126	1	0	0	1	0	1	0	0	

Data Exchange Dashboard Criteria

Organization Type: Private Practice, including Solo, Group, HMO ▼

Generate Report

Organization(s): Vendor-TEST-HL7 ▼

Data:

☒ Production

☐ Test

Report Option:

☐ Sending Organization Only

☐ Sending and Owning Organization(s)

☒ Sending and Owning Organization(s) Errors

☐ Provider Data Exchange Dashboard

☐ Data Exchange Summary Dashboard

Report Date Range:

☒ From Date 

To Date 

☐ From Month ▼ Year ▼

To Month ▼ Year ▼

The "Sending Organization Only" report is not available when "All Organizations" option is selected from the Organization(s) drop-down field.

The "Sending & Owning Organization(s)" report is only available when a specific organization is selected from the Organization(s) drop-down field.

The "Sending & Owning Organization(s) Errors" and "Provider Data Exchange Dashboard" reports are only available for organizations submitting HL7 251 (or later versions) format files.

The "Data Exchange Summary Dashboard" report is only available when "All Organizations" is selected and no organization type is selected.

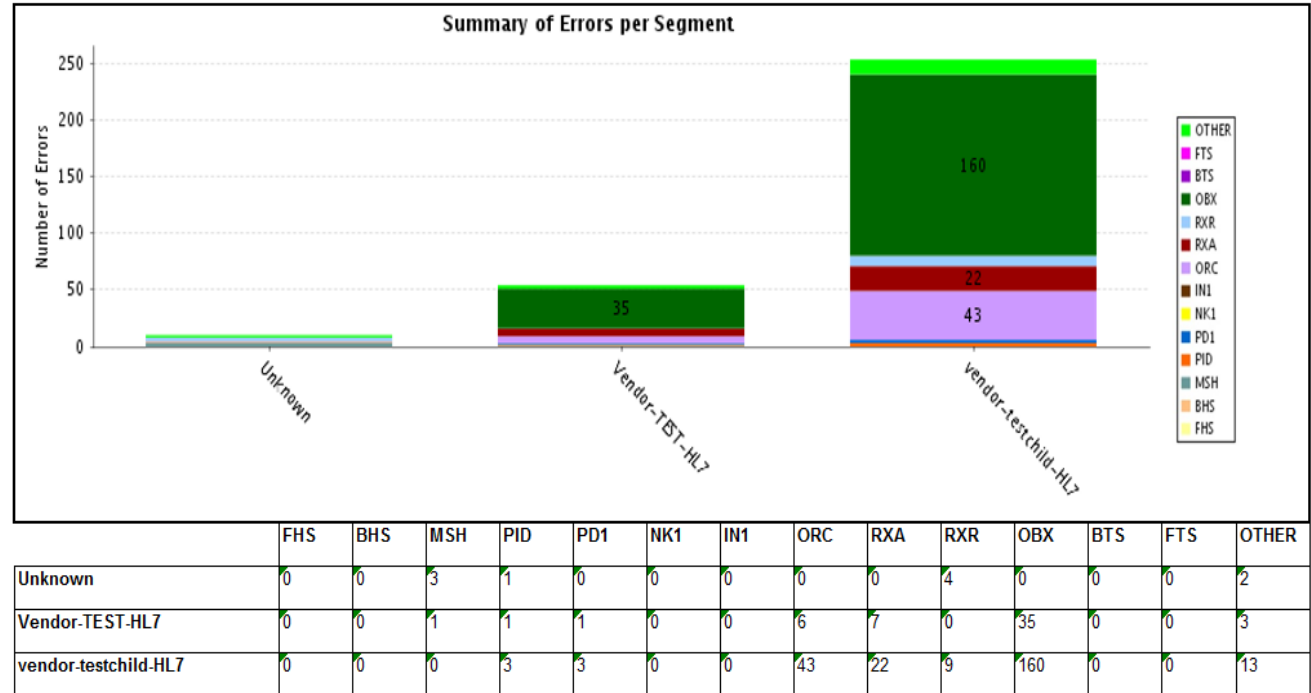
Organization: Vendor-TEST-HL7

Summary of Data Exchange VXU Jobs	
Total # of Jobs:	26
Total # of Patients Processed:	28
# of New Patient(s):	4
# of Patient(s) Updated:	4
# of Patient(s) Rejected:	20
# of Patient(s) Pending:	0
Total # of Immunizations Processed:	31
# of New Immunization(s):	7
# of Immunization(s) Already In:	2
# of Immunization(s) Rejected:	22

Summary of Data Exchange VXU Error Types	
Total # of Errors:	317
# of I-Informational Errors:	0
# of W-Warning Errors:	122
# of E-Error Errors:	195

Summary of Data Exchange QBP Queries	
Total # of Queries:	20
# of Single Match:	7
# of Multiple Match:	1
# of No Match/Error:	12

Timeliness of New Administered Immunizations		
	Count	Percentage
Total # of New Administered	7	
<= 1 day (difference <= 1 day)	1	14%
2 - 7 days (difference between 2 - 7 days)	0	0%
8 - 14 days (difference between 8 - 14)	1	14%
15 - 30 days (difference 15 - 30 days)	0	0%
> 30 days (difference > 30 days)	5	71%



Data Exchange Sending & Owning Organization Errors

Data Exchange Period: 02/01/2018 to 02/28/2018

Report run on: 07/10/2018

Organization: Vendor-TEST-HL7

Sending Org	Owning Org	Date	JobID	CtrlID	Error Segment	Error Component	Error Status Code	Error Severity	Error Description
Vendor-TEST-HL7	Unknown	02/01/2018	47753	null	VAL	VAL	101	E	MESSAGE REJECTED - VAL MISSING SEPARATOR
Vendor-TEST-HL7	Unknown	02/01/2018	47776	null	VAL	VAL	101	E	MESSAGE REJECTED - VAL MISSING SEPARATOR
Vendor-TEST-HL7	Unknown	02/26/2018	48145	2017050 2103949	RXR	RXR-1	101	W	Information error - Required field RXR-1 missing.
Vendor-TEST-HL7	Unknown	02/26/2018	48145	2017050 2103949	RXR	RXR-1	101	W	Information error - Required field RXR-1 missing.
Vendor-TEST-HL7	Unknown	02/26/2018	48145	2017050 2103949	MSH	MSH-4	103	E	MESSAGE REJECTED - INVALID OWNING/ENTERING PROVIDER ORGANIZATION

Data Exchange Dashboard Criteria

Organization Type:

Organization(s):

Data:

☐ Production☐ Test

Report Option:

☐ Sending Organization Only☐ Sending and Owning Organization(s)☐ Sending and Owning Organization(s) Errors☐ Provider Data Exchange Dashboard☒ Data Exchange Summary Dashboard

Report Date Range:

☐ From Date To Date ☒ From Month Year To Month Year

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The "Sending & Owning Organization(s)" report is only available when a specific organization is selected from the Organization(s) drop-down field.

The "Sending & Owning Organization(s) Errors" and "Provider Data Exchange Dashboard" reports are only available for organizations submitting HL7 251 (or later versions) format files.

The "Data Exchange Summary Dashboard" report is only available when "All Organizations" is selected and no organization type is selected.

Data Exchange Summary Dashboard

Data
Exchange

Report run on: 07/11/2018

Organization: All Organizations

Current # of active Organizations in NYSIIS (all active orgs regardless if dx is enabled or disabled):	11406	
# of active Organizations with dx enabled or are associated with a parent/HUB/RHIO with dx enabled (in Production/Test transmission modes):	3113	27%
# of active Organizations with dx enabled or are associated with a parent/HUB/RHIO with dx enabled (in Production transmission mode only) but have NOT submitted dx data within 60 days:	1107	36%

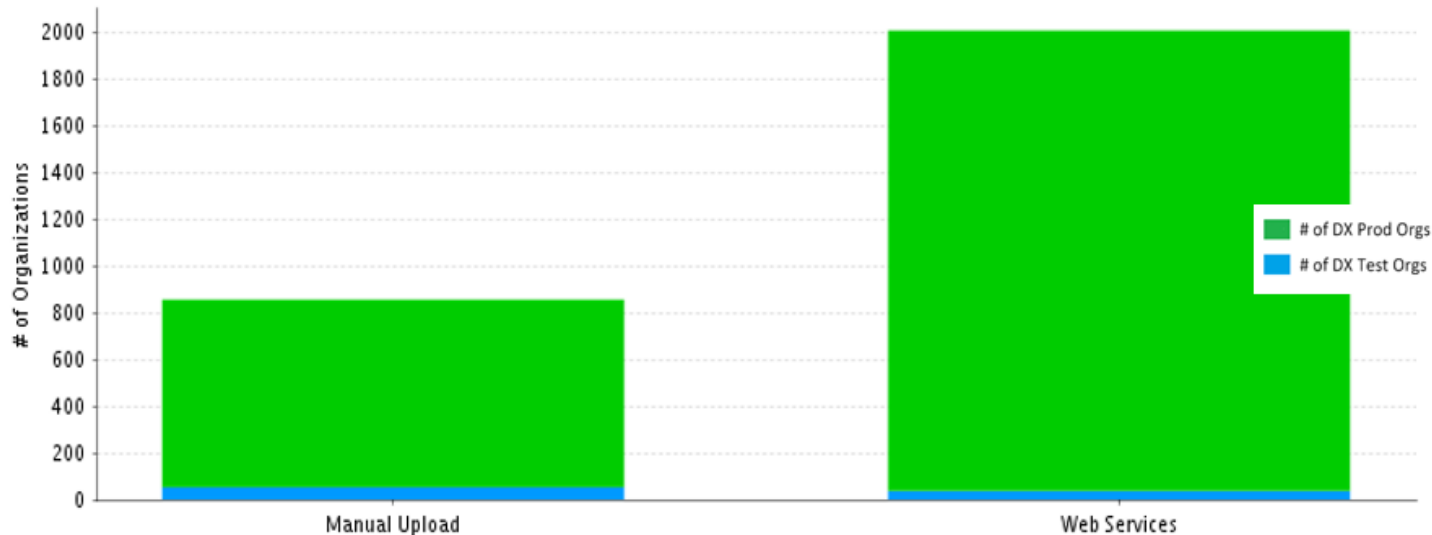


Data Exchange Submission & Transmission Summary

Additional information
about the the graph below:

- Includes all organizations that submitted data exchange flat files and HL7 files for the selected
- Data Exchange Job Submission Method/Type: Manual Upload vs. Web Services
- Data Exchange Transmission Type: Production vs. Test mode

Owning Organization DX Submission & Transmission Summary

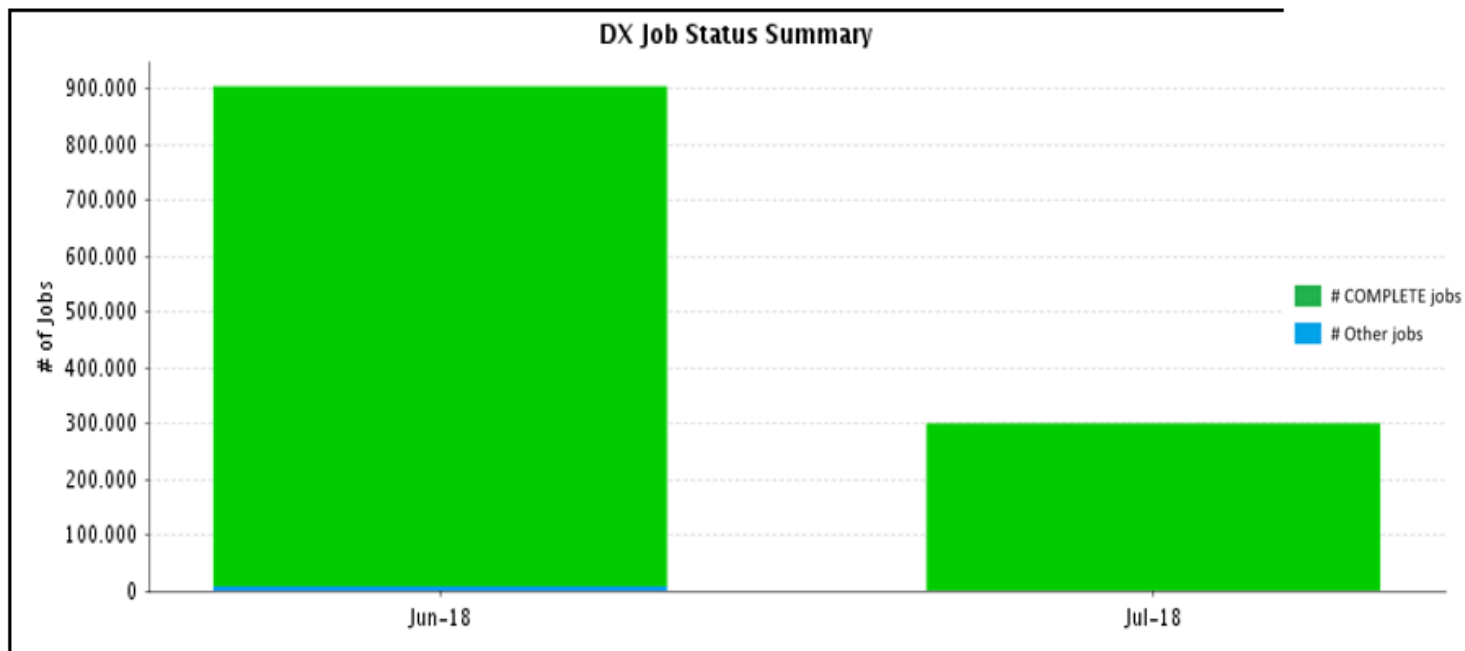


	# of Dx Test Orgs	# of DX Prod Orgs
Manual Upload	53	804
Web Services	37	1973

Data Exchange Job Status Summary

Additional information
about the the graph below:

- Includes all Production data exchange flat files and HL7 submitted and associated statuses
- Other job statuses include Exception, Error and Pending



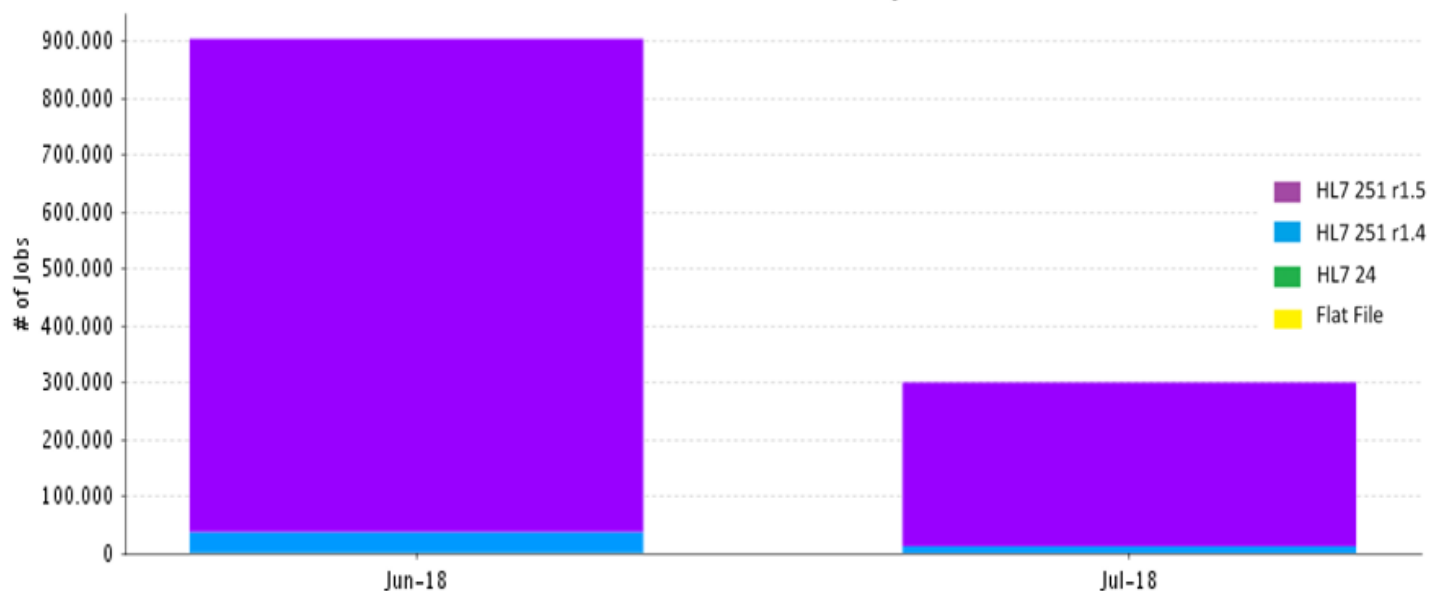
	# Other jobs	# COMPLETE jobs
Jun-18	7873	896856
Jul-18	258	300070

Data Exchange Submission Format Summary

Additional information
about the the graph below:

- Shows the file formats of all the data exchange files submitted to NYSIIS for the selected date
- Includes flat file and HL7 file formats, submitted Production transmission mode

DX Submission Format Summary

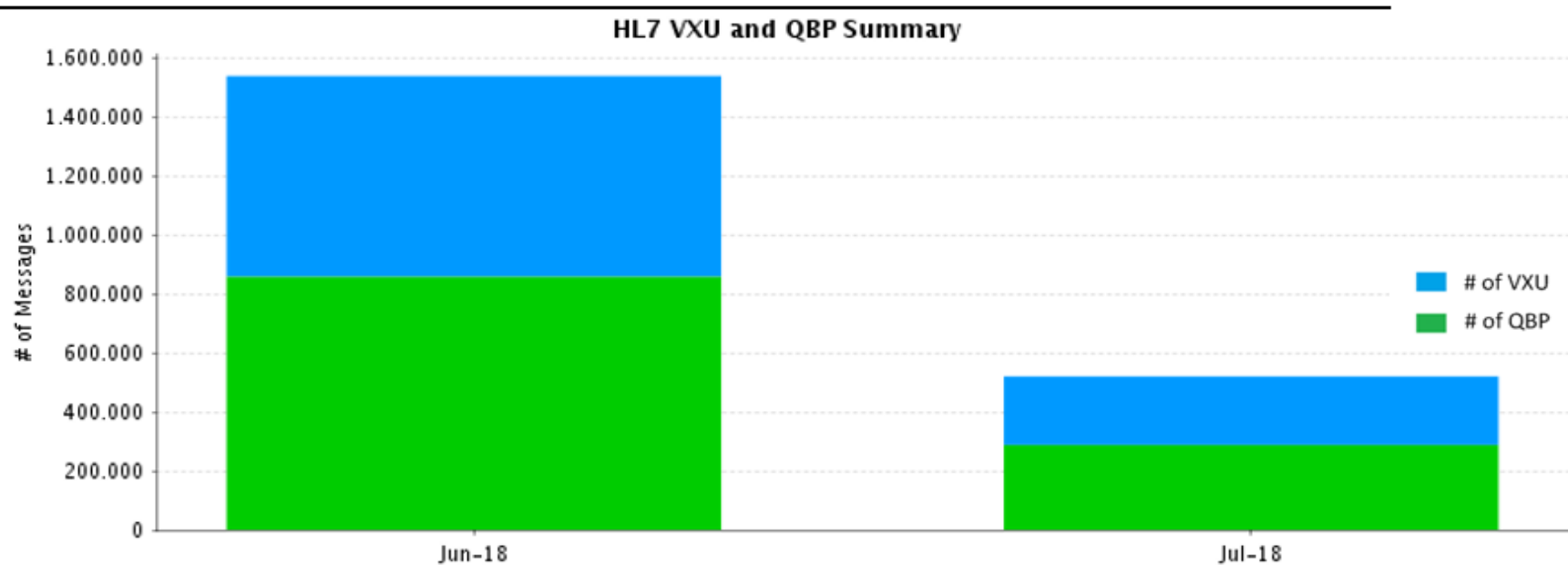


	Flat File	HL7 24	HL7 251 r1.4	HL7 251 r1.5
Jun-18	27	680	36560	867462
Jul-18	13	259	11811	288249

HL7 VXU AND QBP Summary

Additional information
about the the graph below:

- Shows the number of HL7 251 (and above) VXU and QBP production messages in Complete
- This is **NOT** the job count but the message count. For a batch job, there may be multiple



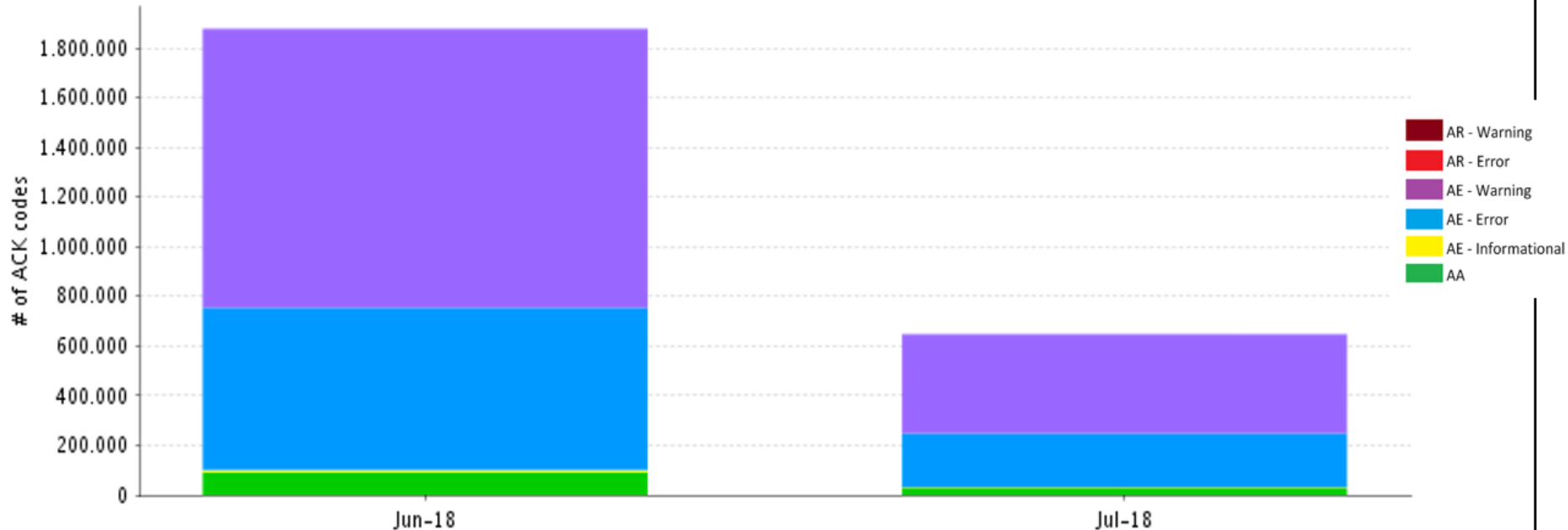
	# of QBP	# of VXU
Jun-18	859432	679857
Jul-18	287858	232152

HL7 VXU Acknowledgement Code Summary

Additional information
about the the graph below:

- Includes acknowledgement codes sent in response to inbound HL7 251 (and above) VXU messages from NYSIIS for the selected date range
- This graph does **NOT** include data from other file formats or HL7 2.4 or older versions and includes only Production

HL7 VXU Response Acknowledgement Code Summary



	AA	AE - Informational	AE - Error	AE - Warning	AR - Error	AR - Warning
Jun-18	90564	10039	654071	1122785	0	0
Jul-18	29267	2209	216586	399336	0	0

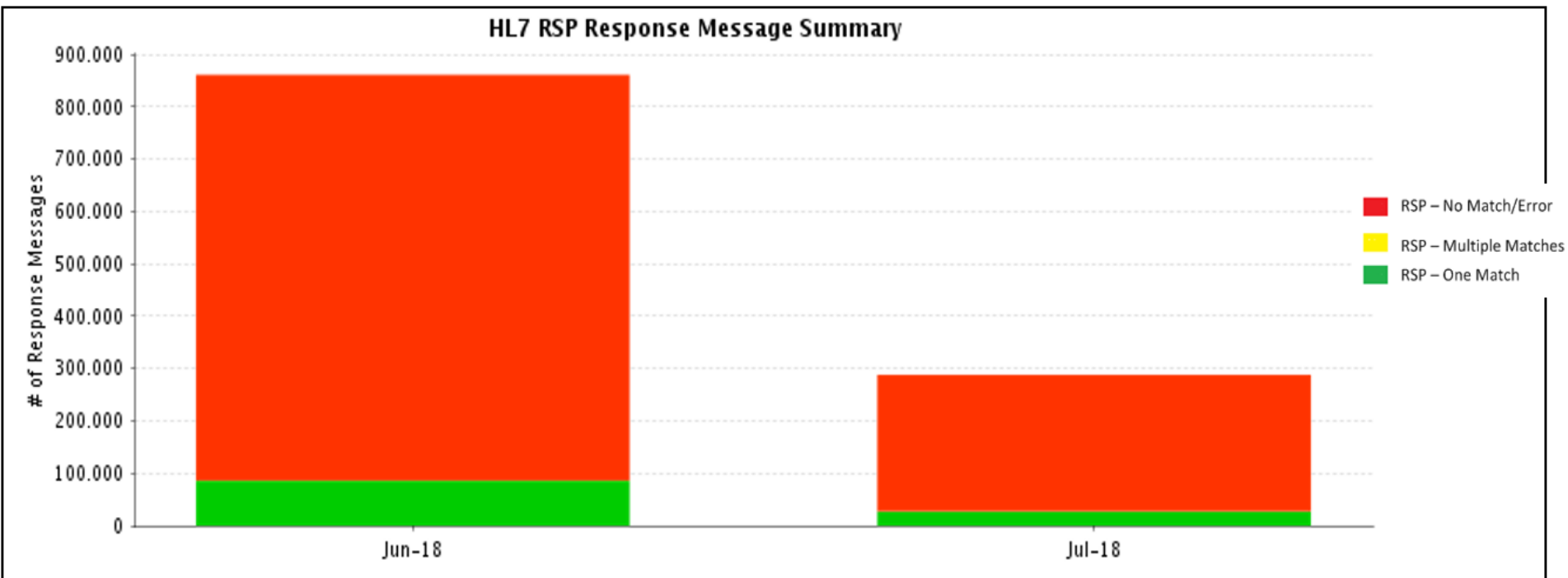
HL7 Query Response Message Summary

Additional information

- Includes results of inbound HL7 251 (and above) Query QBP messages from NYSIIS for the selected date range

about the the graph below:

- This graph does **NOT** include data from other file formats or HL7 2.4 or older versions and includes only **Production** data



	RSP - One Match	RSP - Multiple Matches	RSP - No Match/Error
Jun-18	85598	663	774814
Jul-18	27191	245	260684

So Those were pretty – but were they useful?

Short Answer is Yes...

- What our staff appreciates:
 - Being able to quickly have overview of all DX
 - Can reach out to providers quickly - proactively
 - Being able to quickly review particular organization or group – without having to open each response file

- What our providers appreciate
 - Parent Child groups are finding it easier to identify issues in one practice
 - Ability to sort on error type
 - Able to review for most common
 - Able to have detail to provide to EHR

- What we were surprised by
 - The speed with which providers began to use
 - Immediately the day we released it
 - Providers and EHR used the product to
 - Track errors - frequency and severity
 - Correct file issues
 - Correct data in IIS

