

Increased immunization record accuracy

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Agenda

- MIPS eligibility.
- Query and response basics.
- Detailed look.



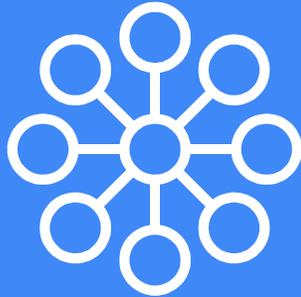
You are subject to MIPS if:

- You take enough Medicare revenue (>\$90,000) and/or see enough Medicare patients (>200); and ...
- You are an “Eligible Clinician” (EC).
 - Physicians (MD/DO and DMD/DDS), PAs, NPs, clinical nurse specialists, and certified registered nurse anesthetists for years one and two.
 - CMS may expand this to physical or occupational therapists, speech-language pathologists, audiologists, nurse midwives, clinical social workers, clinical psychologists, and dietitians/nutritional professionals.



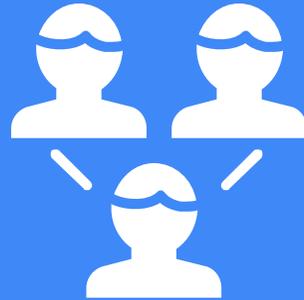
Scoring under MIPS performance categories

A single MIPS composite performance score will factor in performance in four weighted categories on a scale of 0-100.



QUALITY

Replaces PQRS.
Accounts for 50% of total performance score in year two.



RESOURCE
USE/COST

Replaces VBM.
Accounts for 10% of total performance score in year two.



CLINICAL PRACTICE
IMPROVEMENT
ACTIVITIES

Accounts for 15% of total performance score in year two.



ADVANCING CARE
INFORMATION

Replaces Medicare MU.
Accounts for 25% of total performance score in year two.

Immunization Registry Connections and MIPS

- Measured under Advancing Care Information.
- Performance score
 - A provider or group may earn 10% for reporting to any single public health agency or clinical data registry.
- Bonus score
 - Receive 5% for submitting to additional public health agency or clinical data registry not reported under the performance score.
 - Additional Improvement Activities are eligible for a 10% Advancing Care Information bonus if you use CEHRT to complete at least one of the specified Improvement Activities.
 - A 10% bonus score using 2015 edition exclusively.

Preparing your practice

- That was a lot of regulatory information ... and we have even more!
- For more detailed information on MACRA, eligibility, and scoring, we'll gladly send you our “Preparing your practice for MACRA” e-book.



Poll

- Which of the following issues have you encountered with immunizations record retrieval?
 - Inaccurate or outdated records.
 - Time wasted on workflows.
 - Translating scribbled handwriting.
 - Lost records.

Query and Response to the rescue!

- Precise, accurate information.
 - No more outdated blue forms.
- Reduced time spent tracking down correct information.
- No more handwritten notes.



What is Query and Response?

- An interface that allows a provider to obtain information from a state registry regarding immunizations **already administered and reported** to the registry for a specific patient.



Is this interface right for you?

- Outbound immunization interface users
 - Now you can do something with all that data you've been submitting.
- Pediatric practices
 - Keep track of all the immunizations that kids need.
- Primary Care
 - New patients coming in whose immunization history you need to capture.



Administering an immunization – outbound data

Administer Immunizations

Brady, Carol ⓘ 05/19/1936 79y F

Due / Overdue No immunizations have been ordered

Legend ● Due ● Overdue

Vaccine	Dose	Admin'd	Route	Admin Site	Amount	Units	Manufacturer	Scan	Lot #	Exp. Date	NDC	Funding Src	Refused
Td	1	<input type="checkbox"/>		Left Arm	.				123456789		34343434343		<input type="checkbox"/>
PCV (Pneumovax 23)	1	<input type="checkbox"/>			.				12345				<input type="checkbox"/>
H1N1 Influenza virus,...	1	<input type="checkbox"/>			.				3333		12345435435		<input type="checkbox"/>

Immunizations flow: Intergy

The screenshot displays the Intergy EHR interface for a patient named Jimmy Butler. The patient's information includes a birth date of 05/31/2016 and a current appointment on 05/31/2016 at 2:30 PM. The immunization section is highlighted with a red box, showing a list of vaccines with their next due dates and 'Overdue' status. The 'Immunizations Due' section on the right is also highlighted with a red box, listing the same vaccines. The interface includes various tabs like Chart, Flowsheets, and Care Plan, and a sidebar with navigation icons for Reminders, Tasks, Problems, Meds, Allergies, Vitals, Docs, Exchange, Pt Enc, Labs, Imaging, Orders, Immun., PACS, and Recalls.

Vaccine	Next Due Date	Status
Varicella	05/26/2017	Overdue
Hep B	05/31/2016	Overdue
DTaP	05/31/2016	Overdue
Hib (PRP-OMP PedvaxHIB)	05/31/2016	Overdue
IPV	05/31/2016	Overdue
MMR	05/31/2016	Overdue
PCV (Pevnar)	05/31/2016	Overdue
DTaP-HepB-IPV	05/31/2016	Overdue
DTaP-Hib/IPV	05/31/2016	Overdue
DTP-Hib		Completed

Immunizations Due

- Varicella
- Hep B
- DTaP
- Hib (PRP-OMP PedvaxHIB)
- IPV
- MMR
- PCV (Pevnar)
- DTaP-HepB-IPV
- DTaP-Hib/IPV

Other possible views

- Waiting for results
 - We are waiting for a response from the registry for information.
- Ready to match patient
 - Multiple patient names may have been returned, and we are ready to match our patient with one of those returned names.
- Ready to reconcile immunizations
 - Compare the registry to Intergy's immunization histories.

Abner, Carla D. 01/02/2016 6m F

Immunizations ?

Waiting for results - [view info](#)

Immunizations Due

Waiting for results - [view info](#)

Yang, John T. 11/14/2001 14y 8m M

Immunizations ?

Ready to [match patient](#)

Immunizations Due

Ready to [match patient](#)

Yang, Kwan L. 11/04/1968 47y F

Immunizations ?

Ready to [reconcile immunizations](#)

Immunizations Due

Ready to [reconcile immunizations](#)

Immunizations flow

The screenshot shows the Intergy EHR interface for Madison Medical Center P. A. The patient is Jimmy Butler, born 05/31/2016. The immunization list on the left includes:

- Varicella (Next: 05/26/2017, Overdue)
- Hep B (Next: 05/31/2016, Overdue)
- DTaP (Next: 05/31/2016, Overdue)
- Hib (PRP-OMP PedvaxHIB) (Next: 05/31/2016, Overdue)
- IPV (Next: 05/31/2016, Overdue)
- MMR (Next: 05/31/2016, Overdue)
- PCV (Prenar) (Next: 05/31/2016, Overdue)
- DTaP-HepB-IPV (Next: 05/31/2016, Overdue)
- DTaP-Hib/IPV (Next: 05/31/2016, Overdue)
- DTP-Hib (Next: 05/31/2016, Overdue)

The 'Immunization Registry' pop-up window displays the following information:

PATIENT #	ADDRESS
33232221	2354 SW Main St. Madison, OR 33555

The window also shows a red box around the text: **IMMUNIZATION REGISTRY** Oregon Immunization (Oregon Immunization) with a [Retrieve](#) link. Below this, it says 'Waiting for results from registry...' and has 'Save' and 'Cancel' buttons.

Waiting: We are waiting for a response from the registry

Abner, Carla D. 01/02/2016 6m F

Immunizations ?

Waiting for results - [view info](#)

Immunizations Due

Waiting for results - [view info](#)

Immunization Registry

Immu, Wait R. ADDRESS
1111 NW 1 St Madison, CA 95653

IMMUNIZATION REGISTRY
(CA-REG) ▾
[Retrieve](#)

Waiting for results from registry...

Save Cancel

Ready to match: The registry has responded with information

Yang, John T.
11/14/2001 14y 8m M

Immunizations ?

Ready to match patient

Immunizations Due

Ready to match patient

Immunization Registry

Borgnine, Ingrid PATIENT # 3002 ADDRESS 1387 Casablanca Lane Madison, CA 95653
06/18/1939 F

IMMUNIZATION REGISTRY
Test Immunization Registry (TestReg) ▾
Registry information last retrieved 05/05/2017 [Retrieve](#)

In order to retrieve immunization history from registry, select the correct registry patient.

REGISTRY PATIENT	REGISTRY ID	DOB	SEX	MMN	ADDRESS
Borgnine, Ingrid		06/18/1939	F	Bainbridge	1387 Casablanca Lane Madison,...
Borgnine, Ingrid A.		06/18/1939	F		1387 Casablanca Lane Madison,...

**Does not match Intergy Patient*

Mark as Done with Reconciliation

Match Patient Save Cancel

Ready to reconcile: We can complete the workflow

Yang, Kwan L.
11/04/1968 47y F

Immunizations ?

Ready to reconcile immunizations

Immunizations Due

Ready to reconcile immunizations

Immunization Registry

Borgnine, Ingrid PATIENT # 3002 ADDRESS 1387 Casablanca Lane Madison, CA 95653
06/18/1939 F

IMMUNIZATION REGISTRY
Test Immunization Registry (TestReg) ▾
Registry information last retrieved 05/05/2017 [Retrieve](#)

Reconcile the immunizations recorded in the state registry with the immunizations currently recorded in Intergy.

REGISTRY PATIENT	REGISTRY ID	DOB	SEX	MMN	ADDRESS
Bon Jovi, Valerie		11/04/1933	F		67 Runway Circle Madison, CA 95653

*Does not match Intergy Patient

Not the correct patient? [Search Registry Patients](#)

History Forecasting

Select immunizations to import to chart Include Matched Select All

DETAILS	GROUP	STATUS	REGISTRY	CHART
04/01/2017 - Td				✓
06/08/2016 - PCV (Pneumovax 23) Aviron	CVX1	Complete	✓	○
04/15/2016 - DTaP no definition Abbott Laboratories	CVX2	Complete	✓	○
08/12/2015 - Anthrax Greer Laboratories, Inc.			✓	○

Mark as Done with Reconciliation Save Cancel

Done with reconciliation: The workflow is complete

Brandy, Dio
11/11/1981 34y

Chart

Immunizations ?

Done with Reconciliation - [view info](#)

Immunizations Due

Done with Reconciliation - [view info](#)



Immunizations flow: SuccessEHS

Chart	ESB	Medications	Encounters	Orders	Patient Messages	Flags	Medicin	Documentation	Reports
 Chart references	 Appointments	 Non-Billable Encounter  Billable Encounter  Delete Encounter	 Patient Data  Code Selector  Patient Health Concerns/Goals	Encounter Actions		 Sticky Note	 Current Problem  Problem History  Reconcile Problems	 Immun Registry/Reconcile Immunizations	

Ready to match

Available Registries

Retrieve	Registry	Type	Status	Patient Registry ID	Error
	NIST	Evaluated			
	NIST	Full			

Close

Retrieve All

Selected Patient

Name: DOB: Gender:

Address:

Possible Patient Matches

	Patient Name	DOB	Gender	Address
▶	TEST, JANE	09/09/1990	F	987 SOME WAY HOMEWOOD, AL 35209
	TEST, JANET	05/09/1988	U	123 TESTING WAY HOMEWOOD, AL 35209
	TEST, JANE	09/09/1990	F	987 SOME WAY HOMEWOOD, AL 35209

Match Patient

Reconciliation

Immunization Registry/Reconcile for Patient #: 45823

Available Registries

Retrieve	Registry	Type	Status	Patient Registry ID	Error
	NIST	Evaluated	SUCCESS		
	NIST	Full			

Close
Retrieve All

Selected Patient

Name: FAIRCHILD, CAMERON A DOB: 2/14/2009 Gender: MALE
Address: 105 LAUREL RUN RD, BOZEMAN, MT 59715

Reconcile Immunizations

Import Selected Import All Reconcile

Mark Reconciled Upon Close

Immunization Registry Results

Drag a column header here to group by that column.

Select	Performed	Description	Provider	Manufa
<input type="checkbox"/>	10/11/2009	DTAP-Hep B-IPV	.	
<input type="checkbox"/>	10/11/2009	DTAP-Hep B-IPV	.	
<input type="checkbox"/>	10/11/2009	DTAP-Hep B-IPV	.	
<input type="checkbox"/>	04/15/2010	MMR	.	
<input type="checkbox"/>	04/15/2009	Hep B Unspec	.	
<input type="checkbox"/>	04/11/2010	Hep BPEDS	Sticker, Nurse	
<input type="checkbox"/>	03/14/2009	HIB PRP-T	Sticker, Nurse	

Current Immunizations

Drag a column header here to group by that column.

Details	Performed	Description	Series #	Lot Number
	10/11/2009 12:...	DTAP-Hep B-IPV		

Interested? Great! Here's what to do next:

1. Contact your inside sales rep.
 2. You will be guided through the contract process.
 3. Interoperability Services team will contact you to get started.
- Time to go live.
 - Varies based on state registries.
 - Each state has its own requirements for testing.

Poll

- Please send “Preparing for MACRA” e-book.
- Please contact me about the interface.

Greenway
Health™

**Putting Possibility
into Practice**

Immunization setup – outbound

Edit Vaccine

Vaccine Name:
Anthrax

Procedure Code: 90581

Finding ID: 44456

CVX Code: 23

NDC: 45678945612

Vaccine

Default Manufacturer: [Dropdown]

Default Route: [Dropdown]

Default Admin Site: [Dropdown]

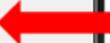
Default Amount: 0.000 Units: [Dropdown]

Lot #: [Text]

Exp. Date: [Date]

Default Funding Src: [Dropdown]

Save Cancel



Immunization Setup

Tools

Search: [Text] Show Inactive Schedules

Description	Type	Status
Adult	Recurring	Active
Pediatric	Age Based	Active

New Activate Schedule Vaccines OK Cancel



The interface itself – outbound

Immunization Details

Crosby, Tawny ⓘ 08/16/1919 96y F

Vaccine:	Influenza	Dose:	1
Encounter Date:	05/02/16 11:40am	Provider:	Ford, David E MD
Last Action:	Administered	Age at Time of Immunization:	96y
Recorded By:	David Ford MD		

VFC Eligibility: Not applicable for patients 19 years or older at time of administration.

VFC Effective

Date Administered: 05/02/2016 ▼ Time: 11:40 AM ↕

Admin Site: ▼ Route: ▼ Amount/Units: ▼

Manufacturer: **Akorn, Inc** ▼ NDC: 36936936936

Lot #: 2222222 Exp. Date: 08/26/2016 ▼ Funding Source: **Military funds** ▼