Performance Measures

Oregon Prehospital EMS Data System
November 7, 2025

This document defines performance measures for Oregon's prehospital EMS data system.

Definitions:

- *EMS: emergency medical services*
- *NEMSIS: National Emergency Medical Services Information System*
- *PCR: patient care report*

Record selection filters: All performance measures use the following filters, unless specified otherwise:

- *Records are marked complete ([Record Status] != 'In Progress')*
- *Date/Time filter is based on record creation date/time ([Incident Record Created] = ?)*

Timeliness

T1. PCR Submission Timeliness

T2. PCRs Submitted within 24 Hours

Timeliness

T1. PCR Submission Timeliness (replaced)

Measure ID	T1
Topic	Timeliness
Measure Title	PCR Submission Timeliness
Description	The median number of hours that it takes for a PCR to be received by the state data system (from the time the EMS unit was notified to respond to the call)
Rationale	Timely submission of PCRs increases their usefulness, particularly for continuity of care (by making PCRs available to hospitals more quickly) and public health surveillance.
Numerator	Median number of hours from Unit Notified Date/Time to date/time that PCR is accepted by the state system
Denominator	N/A
Filter	N/A
Pseudocode Numerator	MEDIAN (HOURS ([Incident Record Created] – eTimes.03))
Pseudocode Denominator	N/A
Pseudocode Filter	N/A

This measure is replaced by measure T2.

T2. PCRs Submitted within 24 Hours

Measure ID	T2
Topic	Timeliness
Measure Title	PCRs Submitted within 24 Hours
Description	The percentage of PCRs received by the state data system within 24 hours from the time the EMS unit was notified to respond to the call
Rationale	Timely submission of PCRs increases their usefulness, particularly for continuity of care (by making PCRs available to hospitals more quickly) and public health surveillance.
Numerator	The number of PCRs received by the state system within 24 hours from the time the EMS unit was notified to respond to the call
Denominator	Number of PCRs
Filter	N/A
Pseudocode Numerator	COUNT (PatientCareReport) WHERE HOURS ([Incident Record Created] – eTimes.03) IS LESS THAN 24
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	N/A

Note: This timeframe for this measure was changed from 12 to 24 hours in November 2022 to align with the regulatory requirement in OAR 333-250-0310(1)(a)(A).

Accuracy

No Accuracy measures have been selected.

For DOT reporting, it may be reasonable to report on performance measures where the state is already achieving 100% due to Schematron rules that prevent the state system from accepting inaccurate data. For example, the state system rejects records with date/time values that are out of order.

A potential future performance measure would look at records with the same incident date, patient name, and patient birthdate, and compare the Primary Impression.

Completeness

C1. PCRs Submitted

C2. Agencies Submitting PCRs—Transport

C3. Agencies Submitting PCRs—Non-transport

C4. GCS Recorded—Trauma

C5. Scene and Injury Details Recorded—Transport Incidents

C6. Suspected Stroke Receiving Prehospital Stroke Assessment (moved)

C7. Patient Age RecordedC8. Primary Impression Recorded

C9. Additional Response Mode Descriptors Recorded

C10. Additional Transport Mode Descriptors Recorded

C11. Personal Protective Equipment Usage Recorded

C1. PCRs Submitted

Measure ID	C1
Topic	Completeness
Measure Title	PCRs Submitted
Description	The number of PCRs received by the state data system.
Rationale	The number of PCRs submitted is a key measure of data system completeness. As more PCRs are submitted, the state data system more completely represents statewide EMS responses.
Numerator	Number of PCRs
Denominator	N/A
Filter	N/A
Pseudocode Numerator	COUNT (PatientCareReport)
Pseudocode Denominator	N/A
Pseudocode Filter	N/A

C2. Agencies Submitting PCRs—Transport

Measure ID	C2
Topic	Completeness
Measure Title	Agencies Submitting PCRs—Transport
Description	The percentage of licensed transporting agencies submitting PCR data
Rationale	As more transporting agencies submit data, the state data system more completely represents statewide patient transports.
Numerator	Number of agencies submitting PCRs
Denominator	Number of agencies
Filter	Agency Active Status is "Active" and Agency Unique State ID is four digits and Primary Type of Service is "911 Response (Scene) with Transport Capability," "Air Medical," "Medical Transport (Convalescent, Interfacility Transfer Hospital and Nursing Home)," or "Critical Care (Ground)"
Pseudocode Numerator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04)) WHERE EXISTS (PatientCareReport)
Pseudocode Denominator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04))
Pseudocode Filter	[Agency Active Status] = 'Active' AND dAgency.01 MATCHES /^\d{4}$/ AND dAgency.09 in (9920001 , 9920005 , 9920013 , 9920019)

C3. Agencies Submitting PCRs—Non-transport

Measure ID	C3
Topic	Completeness
Measure Title	Agencies Submitting PCRs—Non-transport
Description	The percentage of registered non-transporting 911 scene response agencies submitting PCR data
Rationale	As more non-transporting agencies submit data, the state data system more completely represents the statewide activity of all EMS responses.
Numerator	Number of agencies submitting PCRs
Denominator	Number of agencies
Filter	dAgency.09 Primary Type of Service is "911 Response (Scene) without Transport Capability," "ALS Intercept," "Hazmat," "Rescue," or "Community Paramedicine"
Pseudocode Numerator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04)) WHERE EXISTS (PatientCareReport)
Pseudocode Denominator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04))
Pseudocode Filter	[Agency Active Status] = 'Active' AND dAgency.01 MATCHES /^\d{4}$/ AND dAgency.09 in (9920003 , 9920007 , 9920011 , 9920015 , 9920017)

C4. GCS Recorded—Trauma

Measure ID	C4
Topic	Completeness
Measure Title	GCS Recorded—Trauma
Description	Where CDC trauma triage criteria is not blank and a patient is treated, the percentage of PCRs with at least one full non-blank Glasgow Coma Score recorded, including components (eye, verbal, motor) and qualifier
Rationale	GCS is a reliable and objective measure of the condition of a trauma patient.
Numerator	The number of PCRs with at least one set of vital signs where all Glasgow Coma Score components (eVitals.19–23) are non-blank
Denominator	Number of PCRs
Filter	eInjury.03 Trauma Triage Criteria (Steps 1 and 2) or eInjury.04 Trauma Triage Criteria (Steps 3 and 4) is not blank and eDisposition.12 Incident/Patient Disposition includes "Patient Treated" (NEMSIS 3.4) or eDisposition.28 Patient Evaluation/Care is "Patient Evaluated and Care Provided" (NEMSIS 3.5)
Pseudocode Numerator	COUNT (PatientCareReport) WHERE EXISTS (eVitals.19 IS NOT NULL and eVitals.20 IS NOT NULL AND eVitals.21 IS NOT NULL AND eVitals.22 IS NOT NULL AND eVitals.23 IS NOT NULL)
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	(eInjury.03 IS NOT NULL OR eInjury.04 IS NOT NULL) AND (eDisposition.12 IN (4212027 , 4212029 , 4212031 , 4212033 , 4212035 , 4212037) OR eDisposition.28 = 4228001)

C5. Scene and Injury Details Recorded—Transport Incidents

Measure ID	C5
Topic	Completeness
Measure Title	Scene and Injury Details Recorded—Transport Incidents
Description	Where the cause of injury is a transport incident, the average percentage of selected scene-, situation-, injury-, and disposition-related elements with a non-blank value per PCR
Rationale	Scene and injury information are important for traffic safety analysis.
Numerator	Number of the following elements with a non-blank value, divided by the number of elements (17): • eScene.09 Incident Location Type • eScene.11 Scene GPS Location • eScene.15 Incident Street Address • eScene.17 Incident City • eScene.18 Incident State • eScene.19 Incident ZIP Code • eScene.20 Scene Cross Street or Directions • eScene.21 Incident County • eSituation.14 Work-Related Illness/Injury • eInjury.02 Mechanism of Injury • eInjury.03 Trauma Triage Criteria (Steps 1 and 2) • eInjury.04 Trauma Triage Criteria (Steps 3 and 4) • eInjury.05 Main Area of the Vehicle Impacted by the Collision • eInjury.06 Location of Patient in Vehicle • eInjury.07 Use of Occupant Safety Equipment • eInjury.08 Airbag Deployment • eDisposition.21 Type of Destination
Denominator	Number of PCRs
Filter	eInjury.01 Cause of Injury is a transport incident (ICD-10 code starts with "V")
Pseudocode Numerator	SUM (eScene.09 IS NOT NULL + eScene.11 IS NOT NULL + eScene.15 IS NOT NULL + eScene.17 IS NOT NULL + eScene.18 IS NOT NULL + eScene.19 IS NOT NULL + eScene.20 IS NOT NULL + eScene.21 IS NOT NULL + eSituation.14 IS NOT NULL + eInjury.02 IS NOT NULL + eInjury.03 IS NOT NULL + eInjury.04 IS NOT NULL + eInjury.05 IS NOT NULL + eInjury.06 IS NOT NULL + eInjury.07 IS NOT NULL + eInjury.08 IS NOT NULL + eDisposition.21 IS NOT NULL) / 17
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	eInjury.01 LIKE 'V%'

C6. Suspected Stroke Receiving Prehospital Stroke Assessment (moved)

This measure was moved to the Oregon EMS Performance Measures and re-specified to match the National EMS Quality Alliance performance measure Stroke-01 Suspected Stroke Receiving Prehospital Stroke Assessment.

C7. Patient Age Recorded

Measure ID	C7
Topic	Completeness
Measure Title	Patient Age Recorded
Description	Where a patient is treated, the percentage of PCRs with patient age (including age units) recorded
Rationale	Patient age impacts assessment and treatment decisions, especially with pediatric and elderly patients.
Numerator	Number of PCRs where ePatient.15 Age and ePatient.16 Age Units are non-blank
Denominator	Number of PCRs
Filter	eDisposition.12 Incident/Patient Disposition begins with "Patient" (NEMSIS 3.4) or eDisposition.28 Patient Evaluation/Care is "Patient Evaluated and Care Provided" (NEMSIS 3.5)
Pseudocode Numerator	COUNT (PatientCareReport) WHERE ePatient.15 IS NOT NULL and ePatient.16 IS NOT NULL
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	eDisposition.12 IN (4212013 , 4212015 , 4212017 , 4212019 , 4212021 , 4212023 , 4212025 , 4212027 , 4212029 , 4212031 , 4212033 , 4212035 , 4212037) OR eDisposition.28 = 4228001

C8. Primary Impression Recorded

Measure ID	C8
Topic	Completeness
Measure Title	Primary Impression Recorded
Description	Where a patient is treated, the percentage of PCRs with provider's primary impression recorded
Rationale	Provider's primary impression is a key data element for understanding the reason for an EMS call.
Numerator	Number of PCRs where eSituation.11 Provider's Primary Impression is non-blank
Denominator	Number of PCRs
Filter	eDisposition.12 Incident/Patient Disposition begins with "Patient Treated" or includes "-Resuscitation Attempted" (NEMSIS 3.4) or eDisposition.28 Patient Evaluation/Care is "Patient Evaluated and Care Provided" (NEMSIS 3.5)
Pseudocode Numerator	COUNT (PatientCareReport) WHERE eSituation.11 IS NOT NULL
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	eDisposition.12 IN (4212017 , 4212019 , 4212027 , 4212029 , 4212031 , 4212033 , 4212035 , 4212037) OR eDisposition.28 = 4228001

C9. Additional Response Mode Descriptors Recorded

Measure ID	C9
Topic	Completeness
Measure Title	Additional Response Mode Descriptors Recorded
Description	Where the type of service requested is an emergency response to scene, the percentage of PCRs with additional response mode descriptors recorded
Rationale	Response mode descriptors are important for evaluating the use of lights and sirens during the response to 911 calls, which is associated with increased safety risks.
Numerator	Number of PCRs where eResponse.24 Additional Response Mode Descriptors is non-blank
Denominator	Number of PCRs
Filter	eResponse.05 Type of Service Requested is "911 Response (Scene) Emergency Response (Primary Response Area)"
Pseudocode Numerator	COUNT (PatientCareReport) WHERE eResponse.24 IS NOT NULL
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	eResponse.05 = ' 2205001'

C10. Additional Transport Mode Descriptors Recorded

Measure ID	C10
Topic	Completeness
Measure Title	Additional Transport Mode Descriptors Recorded
Description	Where the type of service requested is an emergency response to scene and the responding EMS unit transports a patient, the percentage of PCRs with additional transport mode descriptors recorded
Rationale	Transport mode descriptors are important for evaluating the use of lights and sirens during the transport of patients on 911 responses, which is associated with increased safety risks.
Numerator	Number of PCRs where eDisposition.18 Additional Transport Mode Descriptors is non-blank
Denominator	Number of PCRs
Filter	eResponse.05 Type of Service Requested is " Emergency Response (Primary Response Area)" AND eDisposition.12 Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit" (NEMSIS 3.4) OR eDisposition.30 Transport Disposition begins with "Transport by This EMS Unit" (NEMSIS 3.5)
Pseudocode Numerator	COUNT (PatientCareReport) WHERE eDisposition.18 IS NOT NULL
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	eResponse.05 = 2205001 AND (eDisposition.12 = 4212033 OR eDisposition.30 IN (2230001 , 2230003))

C11. Personal Protective Equipment Usage Recorded

Measure ID	C11
Topic	Completeness
Measure Title	Personal Protective Equipment Usage Recorded
Description	In patient contacts with possible infectious disease, the percentage of PCRs with provider personal protective equipment usage recorded
Rationale	Information about personal protective equipment usage is important for evaluating the risk exposure of EMS personnel to infectious diseases.
Numerator	Number of PCRs where eOther.03 Personal Protective Equipment Used is non-blank
Denominator	Number of PCRs
Filter	eSituation.11 Provider's Primary Impression or eSituation.12 Provider's Secondary Impressions match codes indicating possible infectious disease AND eDisposition.12 Incident/Patient Disposition begins with "Patient" (NEMSIS 3.4) OR eDisposition.27 Unit Disposition is "Patient Contact Made" (NEMSIS 3.5)
Pseudocode Numerator	COUNT (PatientCareReport) WHERE eOther.03 IS NOT NULL
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	(eSituation.11, eSituation.12) MATCHES /^B97.2|J00|J09|J10|J11|J12|J15|J17|J18|J20|J21|J22|J80|R50.9|Z20.828|Z20.9/ AND (eDisposition.12 IN (4212013 , 4212015 , 4212017 , 4212019 , 4212021 , 4212023 , 4212025 , 4212027 , 4212029 , 4212031 , 4212033 , 4212035 , 4212037) OR eDisposition.27 = 4227001)

Uniformity

U1. Agencies Submitting NEMSIS 2 PCRs—Transport (retired)

U2. Agencies Submitting NEMSIS 2 PCRs—Non-transport (retired)

U3. Agencies Submitting NEMSIS 3.5 PCRs

U1. Agencies Submitting NEMSIS 2 PCRs—Transport (retired)

Measure ID	U1
Topic	Uniformity
Measure Title	Agencies Submitting NEMSIS 2 PCRs
Description	The number of licensing transporting agencies submitting NEMSIS version 2 data
Rationale	All agencies should transition to NEMSIS 3 reporting to improve uniformity. The number of agencies reporting NEMSIS 2 data should reduce to zero.
Numerator	Number of agencies submitting PCRs
Denominator	N/A
Filter	NEMSIS 2 data system
Pseudocode Numerator	COUNT (DISTINCT CONCAT (D01_01 , D01_03))
Pseudocode Denominator	N/A
Pseudocode Filter	EXISTS (Record) AND D01_05 in (5610 , 5630 , 5650 , 5680)

This measure is retired. The goal (0) was met in 2019.

U2. Agencies Submitting NEMSIS 2 PCRs—Non-transport (retired)

Measure ID	U2
Topic	Uniformity
Measure Title	Agencies Submitting NEMSIS 2 PCRs
Description	The number of registered non-transporting 911 scene response agencies submitting NEMSIS version 2 data
Rationale	All agencies should transition to NEMSIS 3 reporting to improve uniformity. The number of agencies reporting NEMSIS 2 data should reduce to zero.
Numerator	Number of agencies submitting PCRs
Denominator	N/A
Filter	NEMSIS 2 data system
Pseudocode Numerator	COUNT (DISTINCT CONCAT (D01_01 , D01_03))
Pseudocode Denominator	N/A
Pseudocode Filter	EXISTS (Record) AND D01_05 in (5620 , 5640 , 5660 , 5670)

This measure is retired. The goal (0) was met in 2019.

U3. Agencies Submitting NEMSIS 3.5 PCRs

Measure ID	U3
Topic	Uniformity
Measure Title	Agencies Submitting NEMSIS 3.5 PCRs
Description	The percentage of reporting agencies submitting NEMSIS version 3.5 data
Rationale	All agencies should transition to NEMSIS 3.5 reporting to maintain uniformity. The number of agencies reporting NEMSIS 3.5 data should increase to 100% as agencies move from NEMSIS 3.4 to NEMSIS 3.5.
Numerator	Number of agencies submitting NEMSIS 3.5 PCRs
Denominator	Number of agencies submitting PCRs
Filter	Agency Active Status is "Active" and Agency Unique State ID is four digits
Pseudocode Numerator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04)) WHERE EXISTS (PatientCareReport WHERE NEMSIS Version = 3.5)
Pseudocode Denominator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04)) WHERE EXISTS (PatientCareReport)
Pseudocode Filter	[Agency Active Status] = 'Active' AND dAgency.01 MATCHES /^\d{4}$/

Integration

I1. Licensing System Integration—Transport Agencies

I2. Licensing System Integration—Non-transport Agencies

I3. Hospital Outcomes Recorded—Trauma (replaced)

I4. Hospital Outcomes Recorded—Non-trauma (suspended)

I5. Trauma Registry Outcomes Received

I6. Agencies with CARES Integration

I1. Licensing System Integration—Transport Agencies

Measure ID	I1
Topic	Integration
Measure Title	Licensing System Integration—Transport Agencies
Description	The percentage of licensed transporting agencies which have been linked between the licensing system and the prehospital system
Rationale	Integration between the licensing system and the prehospital EMS data system ensures that information about licensed transporting agencies remains consistent with official licensing records.
Numerator	Number of agencies which have been linked between the licensing system and the prehospital system
Denominator	Number of agencies
Filter	Service Active Status is "Yes" and Service License is "Primary" and Service License Level is "Agencies-Transport" or "Agency Transport – Satellite"
Pseudocode Numerator	COUNT (DISTINCT [Service ID)) WHERE [Sync Method] = 'Oregon Elite Sync'
Pseudocode Denominator	COUNT (DISTINCT [ServiceID])
Pseudocode Filter	[Services Active Service] = 'Yes' AND [Certification is Primary] = 'Yes' AND Service License Level IS IN ('Agencies-Transport', 'Agency Transport - Satellite')

I2. Licensing System Integration—Non-transport Agencies

Measure ID	I2
Topic	Integration
Measure Title	Licensing System Integration—Non-transport Agencies
Description	The percentage of registered non-transporting 911 scene response agencies which have been linked between the licensing system and the prehospital system
Rationale	Integration between the licensing system and the prehospital EMS data system ensures that information about registered non-transporting agencies remains consistent with registration records.
Numerator	Number of agencies which have been linked between the licensing system and the prehospital system
Denominator	Number of agencies
Filter	Service Active Status is "Yes" and Service License is "Primary" and Service License Level is "Agencies-NonTransport"
Pseudocode Numerator	COUNT (DISTINCT [Service ID)) WHERE EXISTS [Sync Method] = 'Oregon Elite Sync'
Pseudocode Denominator	COUNT (DISTINCT [Service ID])
Pseudocode Filter	[Services Active Service] = 'Yes' AND [Certification is Primary] = 'Yes' AND Service License Level = 'Agencies-NonTransport'

I3. Hospital Outcomes Recorded—Trauma (replaced)

Measure ID	I3
Topic	Integration
Measure Title	Hospital Outcomes Recorded—Trauma
Description	Where CDC trauma triage criteria <u>are not blank</u> and a patient is transported by EMS, the percentage of PCRs last modified in a given month with Emergency Department Disposition or Hospital Disposition recorded
Rationale	It is important for EMS to receive hospital outcome information in order to evaluate performance and improve patient care.
Numerator	Number of PCRs with a non-blank value in eOutcome.01 Emergency Department Disposition or eOutcome.02 Hospital Disposition
Denominator	Number of PCRs
Filter	eInjury.03 Trauma Center Criteria or eInjury.04 Vehicular, Pedestrian, or Other Injury Risk Factor <u>is not blank</u> and eDisposition.12 Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit" Date/Time filter is based on record modification date/time ([Incident Record Modified] = ?)
Pseudocode Numerator	COUNT (eOutcome.01 IS NOT NULL OR eOutcome.02 IS NOT NULL)
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	(eInjury.03 IS NOT NULL OR eInjury.04 IS NOT NULL) AND eDisposition.12 = 4212033

This measure is replaced by measure I5.

I4. Hospital Outcomes Recorded—Non-trauma (suspended)

Measure ID	I4
Topic	Integration
Measure Title	Hospital Outcomes Recorded—Non-trauma
Description	Where CDC trauma triage criteria are blank and a patient is transported by EMS, the percentage of PCRs last modified in a given month with Emergency Department Disposition or Hospital Disposition recorded
Rationale	It is important for EMS to receive hospital outcome information in order to evaluate performance and improve patient care.
Numerator	Number of PCRs with a non-blank value in eOutcome.01 Emergency Department Disposition or eOutcome.02 Hospital Disposition
Denominator	Number of PCRs
Filter	eInjury.03 Trauma Center Criteria and eInjury.04 Vehicular, Pedestrian, or Other Injury Risk Factor are blank and eDisposition.12 Incident/Patient Disposition is "Patient Treated, Transported by this EMS Unit" Date/Time filter is based on record modification date/time ([Incident Record Modified] = ?)
Pseudocode Numerator	COUNT (eOutcome.01 IS NOT NULL OR eOutcome.02 IS NOT NULL)
Pseudocode Denominator	COUNT (PatientCareReport)
Pseudocode Filter	(eInjury.03 IS NULL AND eInjury.04 IS NULL) AND eDisposition.12 = 4212033

This measure is suspended until a project is in place to work on it.

I5. Trauma Registry Outcomes Received

Measure ID	I5
Topic	Integration
Measure Title	Trauma Registry Outcomes Received
Description	The number of PCRs for which outcome data was received from the trauma registry in a given month
Rationale	It is important for EMS to receive hospital outcome information in order to evaluate performance and improve patient care.
Numerator	Number of PCRs
Denominator	N/A
Filter	Audit History Type is "Outcomes Updated" and Audit History Origin Type is "External Integration" and Audit History Description begins with "Updated Outcome Data: EMS Outcome Data" *Date/Time filter is based on Audit History Entry Date/Time*
Pseudocode Numerator	COUNT (DISTINCT PatientCareReport)
Pseudocode Denominator	N/A
Pseudocode Filter	[Audit History Type] = "Outcomes Updated" AND [Audit History Origin Type] = "External Integration" AND [Audit History Description] LIKE "Updated Outcome Data: EMS Outcome Data%" AND [Audit History Entry Date Time] = ?

I6. Agencies with CARES Integration

Measure ID	I6
Topic	Integration
Measure Title	Agencies with CARES Integration
Description	The percentage of EMS agencies with eligible CARES cases for which cases have been automatically submitted to CARES
Rationale	Integration with the Cardiac Arrest Registry to Enhance Survival (CARES) enables agencies to automatically send PCR data to CARES, reducing the reporting burden and improving consistency between PCR data and CARES data.
Numerator	Number of agencies where CARES cases have been automatically submitted to CARES *Date/Time filter is based on export date/time*

Denominator	Number of agencies with patient care reports meeting CARES case criteria:
	• Patient Evaluation/Care is Patient Evaluated and Care Provided
	• Crew Disposition is Initiated and Continued Primary Care or Assumed Primary Care from Another EMS Crew
	• Any:
	   o Cardiac Arrest is yes
	   o Resuscitation Attempted by EMS is yes
	   o Primary Impression is cardiac arrest
	   o Secondary Impression is cardiac arrest
	   o Medication Given is epinephrine 0.1 MG/ML
	   o Procedure is defibrillation or chest compressions
	• APGAR is empty or greater than 0 (non-newborn or newborn with signs of life)
	• Cardiac Etiology is not traumatic cause
	• Dispatch Reason is not Transfer/Interfacility/Palliative Care

Filter	N/A
Pseudocode Numerator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency.04)) WHERE [Integration Account Name] = "Oregon CARES" AND [Export Status] = "Completed" AND [Export DateTime] = ?
Pseudocode Denominator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency.04)) WHERE: eDisposition.28 = 4228001 AND eDisposition.29 = 4229001 OR 4229007 AND

(
    eArrest.01 IN (3001003, 3001005)
    OR
    eArrest.03 IN (3003001, 3003003, 3003005)
    OR
    eSituation.11 = I46.9
    OR
    eSituation.12 = I46.9
    OR
    eMedications.03[NOT (@PN)] = 317361
    OR
    eProcedures.03[NOT (@PN)] IN (450661000124102, 426220008,
    233169004, 429283006, 89666000
)
AND
eVitals.32 IS BLANK OR eVitals.32 > 0
AND
eArrest.02 != 3002015
AND
eDispatch.01 != 2301071

Pseudocode Filter   N/A

Accessibility

A1. System Feedback Received

A2. Agencies Receiving Quarterly Feedback Report (suspended)

A1. System Feedback Received

Measure ID	A1
Topic	Accessibility
Measure Title	System Feedback Received
Description	The number of data system feedback submissions received by the state data system via PCRs
Rationale	It is important for the state to provide a formal feedback mechanism so users of the data system can report issues affecting the usability of the system.
Numerator	Number of data system feedback submissions
Denominator	N/A
Filter	System feedback is recorded Record status filter is not used
Pseudocode Numerator	COUNT ([System Feedback])
Pseudocode Denominator	N/A
Pseudocode Filter	[System Feedback] IS NOT NULL

A2. Agencies Receiving Quarterly Feedback Report (suspended)

Measure ID	A2
Topic	Accessibility
Measure Title	Agencies Receiving Quarterly Feedback Report
Description	The percentage of reporting EMS agencies receiving a feedback report from the state each quarter
Rationale	It is important for the state to provide feedback to agencies so that agencies can improve data quality.
Numerator	Number of agencies to which a feedback report was sent by the state
Denominator	Number of agencies submitting data
Filter	Agency Active Status is "Active" and Agency Unique State ID is four digits
Pseudocode Numerator	COUNT ([Feedback Report])
Pseudocode Denominator	COUNT (DISTINCT CONCAT (dAgency.01 , dAgency.02 , dAgency,04)) WHERE EXISTS (PatientCareReport)
Pseudocode Filter	[Agency Active Status] = 'Active' AND dAgency.01 MATCHES /^\d{4}$/

This measure is tracked quarterly.

This measure is suspended until a project is in place to work on it.