

CARE MANAGEMENT BUSINESS AREA IMMUNIZATION REGISTRY OWNED (RO) CHECKLIST – MEDICAID OWNED
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STATE:	DATE OF REVIEW:	REVIEWER:
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IMMUNIZATION REGISTRY OWNED (RO) CHECKLIST (Registry Developed and Operated by Medicaid Agency)
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IMMUNIZATION REGISTRY – MEDICAID OWNED BACKGROUND
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Background for this checklist:

1. This checklist is used when the Immunization Registry is designed as part of the Medicaid Enterprise and is operated by the Medicaid agency.
2. Medicaid may participate in other registries (e.g., Cancer). Additional checklists would be needed to cover other registries.

Sources for the criteria in this checklist are as follows:

AT – Action transmittal #: DSS-CMSO-AT-00-001 issued July 6, 2000. Items are mandatory for a Medicaid Owned Registry. The AT can be found at <http://www.cms.hhs.gov/smdl/downloads/smd070600.pdf>

AT-Opt - Action transmittal #: DSS-CMSO-AT-00-001 issued July 6, 2000. Items are optional for a Medicaid Owned Registry.

IBP – Industry Best Practice. Items are selected from RFPs for MMISs developed by states and approved by CMS.

BUSINESS OBJECTIVES

Reference #	Business Objectives	Comments
RO1	Ensure standardized data is available for measuring immunizations provided to protect all children in the State from communicable diseases.	
RO2	Make Beneficiary-specific vaccination history available to authorized providers at time of encounter to ensure appropriate vaccinations are provided.	
RO3	Generate reminders and recall vaccination notices to parents or guardians for each child registered at intervals when vaccination is needed.	

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BUSINESS OBJECTIVES		
Reference #	Business Objectives	Comments
RO4	Monitor and report vaccination rates for all children within a statewide area.	
RO5	Ensure the privacy and security of vaccination records stored in the immunization registry.	
RO6	Provide interfaces to and from the registry.	
ROSS1	<i>Add State-specific business objectives for the Immunization Registry Owned (RO) Checklist here.</i>	

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RO1 – ENSURE STANDARDIZED DATA IS AVAILABLE					
Ref #	System Review Criteria	Source	Yes	No	Comments
RO1.1	Stores and retrieves immunization information including: <ul style="list-style-type: none"> ▪ Medicaid identifier ▪ Demographic information <ul style="list-style-type: none"> - Child's first, last & middle names - Birth date - Sex - Birth state/county - Race/ethnicity - Guardian's first, last & middle names - Optional fields from HL-7 code set ▪ Vaccination information: <ul style="list-style-type: none"> - Type - Date ▪ Name of service provider ▪ Adoption information ▪ Death information ▪ Identifier for contraindications ▪ Exemptions indicator ▪ Reminder/recall notice dates 	AT			
RO1.2	Contains fields for time periods of Medicaid eligibility.	AT-Opt			
RO1.3	Contains fields that identify the Primary Care Provider/Medical Home for a Medicaid child.	AT-Opt			
RO1.4	Contains fields that identify the vaccine manufacturer and lot number.	AT-Opt			

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RO1 – ENSURE STANDARDIZED DATA IS AVAILABLE					
Ref #	System Review Criteria	Source	Yes	No	Comments
RO1.5	Contains fields that record & track family member/household visits.	AT-Opt			
RO1.6	Establishes a registry record for children no later than six weeks after birth or six weeks after they have been otherwise entered into the State's Information management system. Maintains record until child reaches the age of 18.	AT			
RO1.7	Maintains the individuals in the automated IR until date of death; records date of death.	AT-Opt			
RO1.8	Identifies Beneficiary-specific contraindications and personal and/or philosophical exemptions to the scheduled vaccinations.	AT			
RO1.9	Generates standard data entry forms for use by providers for collection of vaccination information.	IBP			
RO1.10	Accepts, processes, and consolidates immunization records from multiple sources into a central repository within a specified time frame.	AT			
RO1.11	Edits vaccination information for data validity, duplicate records and performs quality checks.	AT			
RO1.12	Integrates the vaccination histories for the entire population of children 0 to 18 years (statewide) with Medicaid children into the data repository.	AT			

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RO1 – ENSURE STANDARDIZED DATA IS AVAILABLE
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Ref #	System Review Criteria	Source	Yes	No	Comments
RO1.13	Allows change to periodicity schedules for vaccinations (e.g., capability to add/delete vaccines as new vaccinations are added to the recommended schedule and others are removed).	AT			
RO1.14	Provides a mechanism for providers to submit Beneficiary-specific vaccination information to the registry; validates that information received within one month of vaccine administration; flags late notices for staff action.	AT			
RO1.15	Receives and processes vaccination reports from service providers in an electronic format using the HL-7 defined code set for exchanging information.	AT			
RO1SS.1	<i>Add State-specific criteria for this objective here.</i>				

RO2 – MAKE VACCINATION HISTORY AVAILABLE TO PROVIDERS
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Ref #	System Review Criteria	Source	Yes	No	Comments
RO2.1	Provides authorized providers the capability to view a child's vaccination history at the time of encounter.	AT			
RO2SS.1	<i>Add State-specific criteria for this objective here.</i>				

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RO3 – PROVIDE NOTICES AND ALERTS

Ref #	System Review Criteria	Source	Yes	No	Comments
RO3.1	Generates letters and/or alerts to parents or guardians of all children at scheduled intervals using recorded Name and Address fields.	AT			
RO3.2	Generates notices and alerts to providers of the Centers for Disease Control and Prevention (CDC) changes to vaccination protocols.	IBP			
RO3SS.1	<i>Add State-specific criteria for this objective here.</i>				

RO4 – MONITOR AND REPORT IMMUNIZATION COVERAGE

Ref #	System Review Criteria	Source	Yes	No	Comments
RO4.1	Provides automated determination of immunizations needed in compliance with CDC recommendations.	AT			
RO4.2	Tracks and reports on Beneficiary-specific vaccinations needed in accordance with CDC guidelines.	AT			
RO4.3	Measures immunization coverage using current CDC “age-appropriate” recommendations: <ul style="list-style-type: none"> by date for an individual provider’s practice; for the registry’s entire geographic area; and for subgroups within a practice of the geographic area. 	AT			

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RO4 – MONITOR AND REPORT IMMUNIZATION COVERAGE					
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Ref #	System Review Criteria	Source	Yes	No	Comments
RO4.4	Monitors and reports on children enrolled in the Registry at birth.	IBP			
RO4.5	Monitors and reports on children enrolled in the Registry with known contraindications to vaccination.	IBP			
RO4.6	Monitors and reports on children enrolled in the Registry exempt from vaccination.	IBP			
RO4.7	Generates reports on vaccine-associated adverse events.	AT-Opt			

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RO4 – MONITOR AND REPORT IMMUNIZATION COVERAGE					
Ref #	System Review Criteria	Source	Yes	No	Comments
RO4.8	Generates scheduled reports from the Medicaid Management Information System (MMIS) Report Repository: <ul style="list-style-type: none"> Measures immunization coverage using current CDC “age-appropriate” recommendations by date for an individual provider’s practice, for the registry’s statewide area, and for subgroups within a practice of the statewide area. Measures immunization coverage for Medicaid compared to non-Medicaid populations. Monitors and reports on Medicaid children enrolled in Registry at birth; with contraindications and exemptions Generates reports and data exchange to satisfy the Centers for Medicare & Medicaid Services (CMS) Early Periodic Screening, Diagnosis and Treatment (EPSDT) Federally Required Reports. 	IBP			
RO4.9	Allows for surveillance of vaccine-preventable diseases.	AT-Opt			
RO4.10	Enables analysis through Geographic Information Systems (GIS).	AT-Opt			

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RO4 – MONITOR AND REPORT IMMUNIZATION COVERAGE					
Ref #	System Review Criteria	Source	Yes	No	Comments
RO4.11	Provides support for automated back-up and recovery of the IR, with backup data stored in a separate location.	AT			
RO4.12	Generates automated vaccine inventory reports.	AT-Opt			
RO4.13	Generates reports on management and wastage of vaccine inventories.	AT-Opt			
RO4SS.1	<i>Add State-specific criteria for this objective here.</i>				

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RO5 – MAINTAIN PRIVACY AND SECURITY OF VACCINATION RECORDS					
Ref #	System Review Criteria	Source	Yes	No	Comments
RO5.1	Complies with provisions for Administrative Simplification under the HIPAA of 1996 to ensure the confidentiality, integrity, and availability of Electronic Protected Health Information (ePHI): <ul style="list-style-type: none"> Provides safeguards as described in the October 22, 1998 State Medicaid Director letter, Collaborations for Data Sharing between State Medicaid and Health Agencies. Performs regular audits, and Supports incident reporting. 	AT			
RO5.2	Provides safeguards as described in the October 22, 1998 State Medicaid Director letter, Collaborations for Data Sharing between State Medicaid and Health Agencies.	AT			
RO5SS.1	<i>Add State-specific criteria for this objective here.</i>				

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RO6 – PROVIDE INTERACES TO AND FROM THE REGISTRY					
Ref #	System Review Criteria	Source	Yes	No	Comments
RO6.1	If a separate, state wide registry exists, exchanges data with this registry on at least a weekly basis.	AT			
RO6.2	To the extent possible, provides for interfaces with other systems within the State, such as: a. Child Welfare (SACWIS) b. Women, Infants and Children (WIC) c. Early Periodic Screening, Diagnosis and Treatment (EPSDT) Program d. Bureau of Vital and Health Statistics e. Children's Health Insurance Program (S-CHIP) f. Public Health Clinics g. Health Information Systems (HIS) h. Vaccine Management System (VACMAN) (CDC) i. Other	AT-Opt			
RO6SS.1	<i>Add State-specific criteria for this objective here.</i>				

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ROSS1 – FIRST STATE-SPECIFIC OBJECTIVE					
Ref #	System Review Criteria	Source	Yes	No	Comments
ROSS1.1	<i>Add criteria based on the APD, RFP, etc., that are relevant to this State-specific objective here.</i>				