



ASR-Audit Data Dashboard Methodology & Fact Sheet

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General Notes

Survey Year Definition

Survey year = academic year. The year starts in Sept of the current year and ends in June of the next year. For example, the 2020-2021 survey year is the academic year that ran from Sept 2020 through June 2021.

School-Related Definitions

Term	Definition
All Grades Surveyed	Includes only the following grades: Pre-K/Childcare, Kindergarten, 1st Grade ^a , 6th Grade, & Transfers ^b .
All Schools	All public and non-public schools (also includes schools whose type is unknown). While schools whose type is unknown are included in the "All Schools" data, we do not report them out separately. We are only reporting data for "All Schools," "Public," "Non-Public."
Public Schools	Public schools (Pre-K, elementary, middle, and high school) Charter schools Head starts
Non-Public Schools	Private schools Religious schools Private Pre-K/Childcare

^a 1st Grade data do not include all children in Grade 1. Instead, they include only children enrolled in Grade 1 who are coming from outside of the school district (i.e., attended Kindergarten in another school district) or for whom the respondent is unsure of where they attended Kindergarten.

^b Transfer data include only pupils who transferred from out-of-state or out-of-country into grades 2-5, 7-12.

Explanation for Differences between Annual Immunization Status Report (ASR) and Local Health Department School Immunization Audit (Audit) Data

Differences between ASR and Audit data may be due, in part, to the timing of completion. The ASR is completed between Jan-Mar of the current calendar year and instructs respondents to report on vaccination status as of Sept-Dec of the previous calendar year. Many Audits are completed after the ASR, sometime between Jan-June of the current calendar year. Additionally, auditors are instructed to report on pupil status at the time of the Audit. Thus, pupils have more time to get up-to-date or take an exemption prior to the Audits than they do prior to the ASR.



Descriptions of Dashboard Pages

Page	Purpose	Description
Immunization Trends	Overview of immunization status.	Comparison of a single immunization status within a specific year and across multiple years and counties by survey and grade.
County Map	Geographic comparison of immunization status.	Map of NJ that allows for comparison of a single immunization status in a single year by survey and grade showing all counties at the same time.
School Type Comparison	Comparing public vs. non-public schools on immunization status.	Comparison of a single immunization status within a specific year and across multiple years and counties by survey school type and grade.
Data Table	Data table that allows for viewing of all data that are on any of the other pages.	



Immunization Status Data Availability Summary

✓ Indicates immunization status data are available on dashboard^a

Vaccine	Immunization Status	Grade / Survey											
		Pre-K/Childcare		Kindergarten		1st Grade ^{c, d}		6th Grade		Transfers ^{d, e}		All Grades Surveyed ^f	
		ASR	Audit	ASR	Audit	ASR	Audit	ASR	Audit	ASR	Audit	ASR	Audit
All Age-Appropriate ^b	Out of Compliance	✓	✓	✓	✓			✓	✓			✓	✓
	Provisional	✓	✓	✓	✓			✓	✓			✓	✓
	Religious Exemption	✓	✓	✓	✓			✓	✓			✓	✓
	Medical Exemption	✓	✓	✓	✓			✓	✓			✓	✓
	Meeting Requirements	✓	✓	✓	✓			✓	✓			✓	✓
	Exemptions & Other Statuses (Combined)	✓	✓	✓	✓			✓	✓			✓	✓

^a Vaccine-level data are collected in the Audit, but are not included on the current dashboard release. They will be made available in a later release.

^b Immunization statuses are based on whether pupil has ALL required age-appropriate immunizations. If so, pupil meets all requirements. If not, pupil's status is either religious exemption, medical exemption, provisional, or out of compliance.

^c 1st Grade data do not include all children in Grade 1. Instead, they include only children enrolled in Grade 1 who are coming from outside of the school district (i.e., attended Kindergarten in another school district) or for whom the respondent is unsure of where they attended Kindergarten.

^d All Grades Surveyed includes data collected from schools with pupils in any of the following grades: Pre-K/Childcare, Kindergarten, 1st Grade, 6th Grade, Transfers.

^e Transfer data include only pupils who transferred from out-of-state or out-of-country into grades 2-5, 7-12.

^f Unlike the Pre-K/Childcare, Kindergarten, and 6th Grade samples, data from the 1st Grade and Transfer samples are not reported separately (although they are included in the All Grades Surveyed samples). This is due to the relatively small sample sizes that were collected from these groups and the data quality issues that were encountered when processing their data.

Data Suppression Rules and Notations

DATA SUPPRESSION RULES AND NOTATION

Suppression Rules		Notation		
Sample Size	Actual Immunization Status Percent Value	Line Charts	Maps	Data Table / Hover Over Label
0	NA	No point shown	No color	No hover over / No data shown
1-9	Any percent value will be suppressed	No point shown	Grey color	Suppressed
10-29	> 75%	* (asterisk shown) with point value set to 75	Grey color	> 75
10-29	< 25%	* (asterisk shown) with point value set to 25	Grey color	< 25
30-99	> 90%	* (asterisk shown) with point value set to 90	Grey color	> 90
30-99	< 10%	* (asterisk shown) with point value set to 10	Grey color	< 10
100+	> 99%	* (asterisk shown) with point value set to 99	Grey color	> 99
100+	< 1%	* (asterisk shown) with point value set to 1	Grey color	< 1

ADDITIONAL RULES & EXCEPTIONS

In many scenarios, the following immunization statuses will be available (but may be suppressed if any of the rules above are met) for all grades:

- Meeting Requirements
- Provisional
- Religious Exemptions
- Medical Exemptions
- Out of Compliance
- Exemptions & Other Statuses (Combined) (sum of Provisional, Religious Exemptions, Medical Exemptions, & Out of Compliance)

However, under the following conditions, only Meeting Requirements and Exemptions & Other Statuses (Combined) will be available (but may be suppressed if any of the rules above are met):

- Data are submitted for only one school in a geographic area (i.e., muni, county, state) in a particular year. And under this condition, only data for "All Grades Surveyed" will be shown and will be suppressed for specific grades.
- Data are submitted for more than one school in a geographic area (i.e., muni, county, state) in a particular year, but the pupil sample size is between 10-29. Under this condition, data for specific grades and "All Grades Surveyed" will be shown.
- It is possible to deduce that 0%/100% pupils are in one of the 5 categories. In this case, an asterisk will be placed on line and bar chart at 0 to replace the suppressed value. On maps, the county/muni will be filled with grey for the immunization status.



To protect privacy, in scenarios where either data for Meeting Requirements and Exemptions & Other Statuses (Combined) are shown but data for other immunization statuses are suppressed (see example below), a sample size will be populated in the Sample Size field only for Meeting Requirements and Exemptions & Other Statuses (Combined). The fields for the immunization statuses comprising Exemptions & Other Statuses (Combined) (Medical Exemption, Religious Exemption, Provisional, and Out of Compliance) will be populated with “Suppressed.” The sample sizes for the immunization statuses that comprise Exemptions & Other Statuses (Combined) are identical to those shown for the Meeting Requirements and Exemptions & Other Statuses (Combined).

Data Table

Click filters below to create a table

[Click here for a page description and definitions of terms/abbreviations](#)

Select a Survey Local Health Dept Audit		Select a Year 2018-2019		Select a County HUNTERDON		Select a School Type NON-PUBLIC		Select a Pupil Grade 6th Grade		Select an Immunization Status (All)	
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County	Year	Survey	School Type	Pupil Grade	Immunization Status	Pupil Sample Size	Value
HUNTERDON	2018-2019	Local Health Dept Audit	NON-PUBLIC	6th Grade	Meeting Requirements	n=10-29	60.0
HUNTERDON	2018-2019	Local Health Dept Audit	NON-PUBLIC	6th Grade	Exemptions & Other Statuses	n=10-29	40.0
HUNTERDON	2018-2019	Local Health Dept Audit	NON-PUBLIC	6th Grade	Provisional	Suppressed	Suppressed
HUNTERDON	2018-2019	Local Health Dept Audit	NON-PUBLIC	6th Grade	Medical Exemption	Suppressed	Suppressed
HUNTERDON	2018-2019	Local Health Dept Audit	NON-PUBLIC	6th Grade	Religious Exemption	Suppressed	Suppressed
HUNTERDON	2018-2019	Local Health Dept Audit	NON-PUBLIC	6th Grade	Out of Compliance	Suppressed	Suppressed



Abbreviation List

Abbreviation	
ASR	Annual Immunization Status Report
Audit	Local Health Department School Immunization Audit



Annual Immunization Status Report Details

Background:	All students attending public and nonpublic schools including licensed childcare and preschool facilities must be vaccinated in accordance with New Jersey Administrative Code N.J.A.C. 8:57-4, Immunizations of Pupils in School. All New Jersey public and nonpublic schools including childcare and preschool facilities must submit an Annual Immunization Status Report (ASR) in accordance with this same subchapter. The mandatory ASR is a self-reported survey that is used to assess immunization coverage with mandated vaccines among students in specific grades (see below).
Reported when:	January-March current year
Reporting about:	September-December previous year
Reported by:	School personnel
Vaccine-level data provided:	No
Data broken into Public & Non-Public school types on dashboard:	Yes



Grades Reported

Schools report on all relevant grades present at the school.

Grade	Pupils Included	Required Immunizations
Pre-Kindergarten / Childcare	All children who are over 6 weeks of age.	DTaP/DT/Td/Tdap (age-appropriate) Polio MMR Hib Varicella PCV Flu (asked about in ASR for this grade only and school reporting of vaccine status is voluntary, whereas it is required for the other set of immunizations)
Kindergarten	All children enrolled in Kindergarten	DTaP/DT/Td/Tdap (age-appropriate) Polio MMR Hep B Varicella
1 st Grade	Does not include all children in Grade 1. Includes only children enrolled in Grade 1 who did not attend a Kindergarten in the same school district.	DTaP/DT/Td/Tdap (age-appropriate) Polio MMR Hep B Varicella
6 th Grade	All children in Grade 6	DTaP/DT/Td/Tdap (age-appropriate) Polio MMR Hep B Varicella MCV4
Transfers	Children who transferred from out-of-state or out-of-country into grades 2-5, 7-12 since submission of last year's ASR.	DTaP/DT/Td/Tdap (age-appropriate) Polio MMR Hep B Varicella MCV4
All Grades Surveyed (calculated by NJDOH, not reported by schools)	Sum of all children across grade(s) reported by school, calculated separately for each immunization status category.	

- Notes:
- Children who are transferring into a grade that is being assessed on the status report should be included in that respective grade, and not in the Transfer category.
 - Excludes children in before or after-school programs.
 - Children in ungraded special education classes are included in the age-appropriate cohort class.



Immunization Status Categories

Schools place pupils within each respective grade into one of the 5 categories shown below.

Category	Definition
Meeting All Requirements (shown as Meeting Requirements on dashboard)	Children who received each of the age-appropriate vaccines, excluding flu for Pre-K/Childcare. Excludes children with a medical or religious exemption, provisional status, or missing vaccination/vaccination documentation for any required age-appropriate vaccine.
Provisional Admittance (shown as Provisional on dashboard)	Children admitted provisionally (pupil has received at least one dose of age-appropriate vaccine and is on schedule to receive subsequent dosing based on ACIP catch up schedule.)
Medical Exemptions	Children who filed a medical exemption for any required vaccination.
Religious Exemptions	Children who filed a religious exemption for any required vaccination.
Out of Compliance	Children who do not meet the criteria for the other 4 categories or if their status is unknown.

This category is calculated by NJDOH and is not reported by the school:

Exemptions & Other Statuses (Combined)	Children who received provisional admittance, have a religious or medical exemption, or who are out of compliance for at least one required age-appropriate vaccine. Exemptions & Other Statuses (Combined) = Provisional + Medical Exempt + Religious Exempt + Out of Compliance
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Immunization Status Calculations

Immunization Status	Calculation
Meeting Requirements	# Children reported as Meeting Requirements / # Children enrolled
Provisional	# Children reported as Provisional / # Children enrolled
Medical Exemption	# Children reported with Medical Exemptions / # Children enrolled
Religious Exemption	# Children reported with Religious Exemptions / # Children enrolled
Out of Compliance	# Children reported as Out of Compliance / # Children enrolled
Exemptions & Other Statuses (Combined)	(# Children reported as Provisional + # Children reported with Medical Exemptions + # Children reported with Religious Exemptions + # Children reported as Out of Compliance) / # Children enrolled



Local Health Department School Immunization Audit Details

Background:	All students attending public and nonpublic schools including licensed childcare and preschool facilities must be vaccinated in accordance with New Jersey Administrative Code N.J.A.C. 8:57-4, Immunizations of Pupils in School. The Public Health Practice Standards of Performance for Local Boards of Health in New Jersey, N.J.A.C. 8:52 requires Local Health Departments to perform childcare, preschool and school audits annually to ensure compliance with the immunization rules. The audit captures vaccine-specific immunization coverage and exemption data with mandated vaccines among students in specific grades (see below).
Reported when:	September-June
Reporting about:	Current immunization status at time of audit/re-audit
Reported by:	Local health department personnel
Vaccine-level data provided:	Yes, but not included in current version of the dashboard.
Data broken into Public & Non-Public school types on dashboard:	Yes



Grades Reported

Same as ASR ([click to view](#))

Immunization Status Categories

Local health department personnel place pupils within each respective grade into one of these 4 categories:

Category	Definition
Provisional Admittance (shown as Provisional on dashboard)	Children admitted provisionally (pupil has received at least one dose of age-appropriate vaccine and is on schedule to receive subsequent dosing based on ACIP catch up schedule.)
Medical Exemptions	Children who filed a medical exemption for any required vaccination.
Religious Exemptions	Children who filed a religious exemption for any required vaccination.
Out of Compliance	Children who are enrolled but do not have a record for meeting all immunization requirements, do not meet provisional requirements, and do not have a medical or religious exemption on file.

These categories are calculated by NJDOH and are not reported by local health department:

Meeting All Requirements (shown as Meeting Requirements on dashboard)	Children who are not in one of the 4 categories above, thus having received the immunization. Meeting All Requirements = Pupils surveyed – (Provisional + Medical Exempt + Religious Exempt + Out of Compliance)
Exemptions & Other Statuses (Combined)	Children who received provisional admittance, have a religious or medical exemption, or who are out of compliance for at least one required age-appropriate vaccine. Exemptions & Other Statuses (Combined) = Provisional + Medical Exempt + Religious Exempt + Out of Compliance

Immunization Status Calculations

Same as ASR ([click to view](#))