

Hospital Respiratory Data – Weekly Import File Specifications

Updated: 10/31/2024

Version 2

Implementation date: 10/29/2024

Updates included in this version are highlighted in orange

NHSN HRD Import File Format – use the specifications below when reporting data to NHSN HRD Module, Weekly Data Pathway for weekending date 10/12/2024 and going forward. Full reporting guidance can be found in the NHSN HRD Protocol: <https://www.cdc.gov/nhsn/pdfs/pscmanual/HRD-Protocol-Final.pdf>. Additional NHSN HRD resources available here: <https://www.cdc.gov/nhsn/psc/hospital-respiratory-reporting.html>.

| Template Data Element Column Name | ID | Column Description | Status | Format | Valid Values | Business Rules |
|-----------------------------------|----|--------------------|-----------------|------------------------|---------------------------------|--|
| orgID | 1a | NHSN Org ID | Required | Integer (whole number) | i.e., 12345 | |
| context | 1b | Reporting Context | Required | Character | HOSP IPF IRF CH OTH | Unit- or location-level reporting indicator – required for all imports, including groups. Only allow IRF if the facility has an active IRF location enrolled in NHSN. Only allow IPF if the facility has an active IPF location enrolled in NHSN. CH and OTH contexts available for separate reporting of pediatric or other unit-specific data if desired, but not required. |
| weekEndingDate | 1c | Weekending Date | Required | Datetime MM/DD/YYYY | | Enter or select the week ending date for the reporting week for which the counts and/or responses in the pathway apply. For example, if reporting the total number of new hospital admissions of patients with laboratory-confirmed COVID-19 age 0-4 years for the Sunday - Saturday reporting week, Saturday of the reporting week should be entered as the weekEndingDate, or select the corresponding reporting week on the |

| Template Data Element Column Name | ID | Column Description | Status | Format | Valid Values | Business Rules |
|-----------------------------------|----|-----------------------------------|--------------|------------------------|----------------------------------|---|
| | | | | | | calendar view as the week for which counts are being reported in the HRD Weekly Pathway. |
| numInPtBeds | 2a | All hospital inpatient beds | Required*, † | Integer (whole number) | 0 to 2500 | Required for all reporting weeks Must be >= 2b. numInPtBedsAdult + 2c. numInPtBedsPed |
| numInPtBedsAdult | 2b | All adult inpatient beds | Required*, † | Integer (whole number) | 0 to 2500 | Required for all reporting weeks Must be <= 2a. numInPtBeds |
| numInPtBedsPed | 2c | All pediatric inpatient beds | Required*, † | Integer (whole number) | 0 to 2500 | Required for all reporting weeks Must be <= 2a. numInPtBeds |
| numInPtBedsOcc | 3a | All hospital inpatient occupancy | Required*, † | Integer (whole number) | 0 to 2500 | Required for all reporting weeks Must be >= 5a. numICUBedsOcc (where 5a. numICUBedsOcc does not equal 9999) AND Must be >= (3b. numInPtBedsOccAdult + 3c. numInPtBedsOccPed) |
| numInPtBedsOccAdult | 3b | All adult inpatient occupancy | Required*, † | Integer (whole number) | 0 to 2500 | Required for all reporting weeks Must be <= 3a. numInPtBedsOcc AND Must be >= 5b. numICUBedsOccAdult (where 5b. numICUBedsOccAdult does not equal 9999) |
| numInPtBedsOccPed | 3c | All pediatric inpatient occupancy | Required*, † | Integer (whole number) | 0 to 2500 | Required for all reporting weeks Must be <= 3a. numInPtBedsOcc AND Must be >= 5c. numICUBedsOccPed (where 5c. numICUBedsOccPed does not equal 9999) |
| numICUBeds | 4a | All ICU beds | Required*, † | Integer (whole number) | 9999 (if applicable) OR 0 to 500 | Required for all reporting weeks If not equal to 9999: Must be <= 2a. numInPtBeds AND Must be >= 4b. numICUBedsAdult (where 4b. numICUBedsAdult does NOT equal 9999) + 4c. numICUBedsPed (where 4c. numICUBedsPed does NOT equal 9999)) |
| numICUBedsAdult | 4b | Adult ICU beds | Required*, † | Integer (whole number) | 9999 (if applicable) OR 0 to 500 | Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 If not equal to 9999: |

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|-----------------------------------|----|--|----------------------|------------------------|----------------------------------|--|
| | | | | | | Must be <= 4a. numICUBeds |
| numICUBedsPed | 4c | Pediatric ICU beds | Required* , † | Integer (whole number) | 9999 (if applicable) OR 0 to 500 | Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 If not equal to 9999: Must be <= 4a. numICUBeds |
| numICUBedsOcc | 5a | All ICU bed occupancy | Required* , † | Integer (whole number) | 9999 (if applicable) OR 0 to 500 | Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 If not equal to 9999: Must be <= 3a. numInPtBedsOcc AND Must be >= 5b. numICUBedsOccAdult (where 5b. numICUBedsOccAdult does NOT equal 9999) + 5c. numICUBedsOccPed (where 5c. numICUBedsOccPed does NOT equal 9999) |
| numICUBedsOccAdult | 5b | Adult ICU bed occupancy | Required* , † | Integer (whole number) | 9999 (if applicable) OR 0 to 500 | Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 OR if 4b. numICUBedsAdult equals 9999 If not equal to 9999: Must be <= 5a. numICUBedsOcc |
| numICUBedsOccPed | 5c | Pediatric ICU bed occupancy | Required* , † | Integer (whole number) | 9999 (if applicable) OR 0 to 500 | Required for all reporting weeks Must be 9999 if 4a. numICUBeds equals 9999 OR if 4c. numICUBedsPed equals 9999 If not equal to 9999: Must be <= 5a. numICUBedsOcc |
| numConfC19HospPatsAdult | 6a | All hospitalized adult patients with laboratory-confirmed COVID-19 | Required* | Integer (whole number) | 0 to 500 | Required for all reporting weeks |
| numConfC19HospPatsPed | 6b | All hospitalized pediatric patients with laboratory-confirmed COVID-19 | Required* | Integer (whole number) | 0 to 100 | Required for all reporting weeks |
| numConfC19ICUPatsAdult | 9a | Adult ICU patients with laboratory-confirmed COVID-19 | Required* | Integer (whole number) | 0 to 200 | Required for all reporting weeks Must be <= 6a. numConfC19HospPatsAdult |

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|-----------------------------------|-----|--|------------------|------------------------|--------------|--|
| numConfC19ICUPatsPed | 9b | Pediatric ICU patients with laboratory-confirmed COVID-19 | Required* | Integer (whole number) | 0 to 100 | Required for all reporting weeks Must be <= 6b. numConfC19HospPatsPed |
| numConfFluHospPatsAdult | 7a | All hospitalized adult patients with laboratory-confirmed influenza | Required* | Integer (whole number) | 0 to 200 | Required for all reporting weeks |
| numConfFluHospPatsPed | 7b | All hospitalized pediatric patients with laboratory-confirmed influenza | Required* | Integer (whole number) | 0 to 200 | Required for all reporting weeks |
| numConfFluICUPatsAdult | 10a | Adult ICU patients with laboratory-confirmed influenza | Required* | Integer (whole number) | 0 to 100 | Required for all reporting weeks Must be <= 7a. numConfFluHospPatsAdult |
| numConfFluICUPatsPed | 10b | Pediatric ICU patients with laboratory-confirmed influenza | Required* | Integer (whole number) | 0 to 100 | Required for all reporting weeks Must be <= 7b. numConfFluHospPatsPed |
| numConfRSVHospPatsAdult | 8a | All Hospitalized adult patients with laboratory-confirmed RSV | Required* | Integer (whole number) | 0 to 200 | Required for all reporting weeks |
| numConfRSVHospPatsPed | 8b | All Hospitalized pediatric patients with laboratory-confirmed RSV | Required* | Integer (whole number) | 0 to 200 | Required for all reporting weeks |
| numConfRSVICUPatsAdult | 11a | Adult ICU patients with laboratory-confirmed RSV | Required* | Integer (whole number) | 0 to 100 | Required for all reporting weeks Must be <= 8a. numConfRSVHospPatsAdult |
| numConfRSVICUPatsPed | 11b | Pediatric ICU patients with laboratory-confirmed RSV | Required* | Integer (whole number) | 0 to 100 | Required for all reporting weeks Must be <= 8b. numConfRSVHospPatsPed |
| numConfC19NewAdmPed0to4 | 12a | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 0-4 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfC19NewAdmPed5to17 | 12b | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 5-17 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfC19NewAdmAdult18to49 | 12c | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 18-49 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |

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|-----------------------------------|-----|---|----------|------------------------|--------------|----------------------------------|
| numConfC19NewAdmAdult50to64 | 12d | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 50-64 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfC19NewAdmAdult65to74 | 12e | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 65-74 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfC19NewAdmAdult75plus | 12f | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, 75+ years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfC19NewAdmUnk | 12g | Weekly total number of new admissions of patients with laboratory-confirmed COVID-19, unknown age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfFluNewAdmPed0to4 | 13a | Weekly total number of new admissions of patients with laboratory-confirmed influenza, 0-4 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfFluNewAdmPed5to17 | 13b | Weekly total number of new admissions of patients with laboratory-confirmed influenza, 5-17 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfFluNewAdmAdult18to49 | 13c | Weekly total number of new admissions of patients with laboratory-confirmed influenza, 18-49 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfFluNewAdmAdult50to64 | 13d | Weekly total number of new admissions of patients with laboratory-confirmed influenza, 50-64 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfFluNewAdmAdult65to74 | 13e | Weekly total number of new admissions of patients with laboratory-confirmed | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |

| Template Data Element Column Name | ID | Column Description | Status | Format | Valid Values | Business Rules |
|-----------------------------------|-----|---|-----------------------|------------------------|--------------------------------|----------------------------------|
| | | influenza, 65-74 years of age | | | | |
| numConfFluNewAdmAdult75plus | 13f | Weekly total number of new admissions of patients with laboratory-confirmed influenza, 75+ years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfFluNewAdmUnk | 13g | Weekly total number of new admissions of patients with laboratory-confirmed influenza, unknown age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmPed0to4 | 14a | Weekly total number of new admissions of patients with laboratory-confirmed RSV, 0-4 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmPed5to17 | 14b | Weekly total number of new admissions of patients with laboratory-confirmed RSV, 5-17 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmAdult18to49 | 14c | Weekly total number of new admissions of patients with laboratory-confirmed RSV, 18-49 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmAdult50to64 | 14d | Weekly total number of new admissions of patients with laboratory-confirmed RSV, 50-64 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmAdult65to74 | 14e | Weekly total number of new admissions of patients with laboratory-confirmed RSV, 65-74 years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmAdult75plus | 14f | Weekly total number of new admissions of patients with laboratory-confirmed RSV, 75+ years of age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| numConfRSVNewAdmUnk | 14g | Weekly total number of new admissions of patients with laboratory-confirmed RSV, unknown age | Required | Integer (whole number) | 0 to 700 | Required for all reporting weeks |
| N95MaskSupplyDays | 15a | On hand supply (DURATION in days) n95 respirators | Optional [§] | character | 0 DAYS 1-3 DAYS 4-6 DAYS | Optional for all reporting weeks |

| Template Data Element Column Name | ID | Column Description | Status | Format | Valid Values | Business Rules |
|-----------------------------------|-----|--|-----------------------|-----------|--|----------------------------------|
| | | | | | 7-14 DAYS 15-30 DAYS > 30 DAYS | |
| surgMaskSupplyDays | 15b | On hand supply (DURATION in days) surgical and procedure masks | Optional [§] | character | 0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS | Optional for all reporting weeks |
| shieldSupplyDays | 15c | On hand supply (DURATION in days) eye protection including face shields and goggles | Optional [§] | character | 0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS | Optional for all reporting weeks |
| gownSupplyDays | 15d | On hand supply (DURATION in days) single use gowns | Optional [§] | character | 0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS | Optional for all reporting weeks |
| gloveSupplyDays | 15e | On hand supply (DURATION in days) exam gloves (sterile and non-sterile) | Optional [§] | character | 0 DAYS 1-3 DAYS 4-6 DAYS 7-14 DAYS 15-30 DAYS > 30 DAYS | Optional for all reporting weeks |
| N95Mask3DaySupply | 16a | Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? N95 respirators | Optional [§] | character | Y N N/A | Optional for all reporting weeks |
| surgMask3DaySupply | 16b | Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Surgical and procedure masks | Optional [§] | character | Y N N/A | Optional for all reporting weeks |
| shield3DaySupply | 16c | Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Eye protection including face shields and goggles | Optional [§] | character | Y N N/A | Optional for all reporting weeks |

| Template Data Element Column Name | ID | Column Description | Status | Format | Valid Values | Business Rules |
|--------------------------------------|-----|--|-----------------------|-----------|---------------|----------------------------------|
| gown3DaySupply | 16d | Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Single use gowns | Optional [§] | character | Y N N/A | Optional for all reporting weeks |
| glove3DaySupply | 16e | Are you able to MAINTAIN at least a 3-day supply of these items (y/n/N/A)? Exam gloves | Optional [§] | character | Y N N/A | Optional for all reporting weeks |

*These required fields include those that are only required to be reported for Wednesday of a given reporting week.

†These required fields can also be fulfilled by data reported to the NHSN Connectivity Initiative: Hospital Bed Capacity Project by actively participating facilities (<https://www.cdc.gov/nhsn/bed-capacity/index.html>). Data for these fields will auto-populate into the NHSN application (when available) for fulfillment of the HRD requirements.

[§]Supply fields are designated as optional for reporting to NHSN; if your facility is opting to report this information to NHSN, it is recommended that Wednesday is selected as the reporting for date, to maintain consistency with previously required supply data and current set of Wednesday-only required fields in the HRD reporting.

Hospital Respiratory Data – Weekly Import File Specifications Change Log

The change log details changes in the weekly import file specifications to aid partners in tracking updates.

Changes from previous version (Version 1, dated September 27, 2024)

- **Valid Values**
 - Valid value ranges were updated for the following data elements:
 - numInPtBeds
 - numInPtBedsAdult
 - numInPtBedsPed
 - numInPtBedsOcc
 - numInPtBedsOccAdult
 - numInPtBedsOccPed
 - N95MaskSupplyDays
 - surgMaskSupplyDays
 - shieldSupplyDays
 - gownSupplyDays
 - gloveSupplyDays