

# Cheshire County, NH

## Risk-assessment baseline packet

Unit **County area 33005**    Release **2026-10**    As of **2026-09-28**    Storm Events data through **2026-06-30**

**Hazard Plain is an independent product built from public federal data. It is not a FEMA document and is not reviewed or endorsed by FEMA or any state agency.**

A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

### OPENFEMA DISCLAIMER

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## Plan clock

No county-level plan row in FEMA data

### What changed since your last plan

**Not available.** No county-level plan row in FEMA data, so there is no approval date to count from.

**SOURCES:** FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

**Plan status for every jurisdiction listed in this county: 23 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.**

State plan status and tribal plans in this state: see the state page.

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## Plan clock

### Plan status for every jurisdiction listed in this county

| Jurisdiction      | Type | Status                       | Plan                                                                                         | Approved   | Expires    | Days to expiry<br><i>negative = days since expiry</i> | Update underway                              | Notes |
|-------------------|------|------------------------------|----------------------------------------------------------------------------------------------|------------|------------|-------------------------------------------------------|----------------------------------------------|-------|
| Keene city        | City | Approved, expires 2030-09-08 | Keene Hazard Mitigation Plan Update 2025 (FEMA plan 111022)                                  | 2025-09-09 | 2030-09-08 | 1,441                                                 |                                              |       |
| Alstead town      | Town | Approved, expires 2030-01-27 | Alstead, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110199)                            | 2025-01-28 | 2030-01-27 | 1,217                                                 |                                              |       |
| Chesterfield town | Town | Approved, expires 2027-01-13 | Chesterfield Hazard Mitigation Plan Update 2021 (FEMA plan 108020)                           | 2022-01-14 | 2027-01-13 | 107                                                   |                                              |       |
| Dublin town       | Town | Approved, expires 2027-01-24 | Town of Dublin, NH Hazard Mitigation Plan Update 2022 (FEMA plan 108060)                     | 2022-01-25 | 2027-01-24 | 118                                                   | FEMA tracker shows a plan awaiting revisions |       |
| Fitzwilliam town  | Town | Approved, expires 2031-04-15 | Fitzwilliam Hazard Mitigation Plan Update 2026, Fitzwilliam New Hampshire (FEMA plan 111706) | 2026-04-16 | 2031-04-15 | 1,660                                                 |                                              |       |
| Gilsum town       | Town | Approved, expires 2031-04-12 | Gilsum Hazard Mitigation Plan Update 2026, Gilsum New Hampshire (FEMA plan 111655)           | 2026-04-13 | 2031-04-12 | 1,657                                                 |                                              |       |
| Harrisville town  | Town | Approved, expires 2029-07-17 | Harrisville, NH Hazard Mitigation Plan Update 2024 (FEMA plan 109763)                        | 2024-07-18 | 2029-07-17 | 1,023                                                 |                                              |       |
| Hinsdale town     | Town | Approved, expires 2027-01-10 | Hinsdale Hazard Mitigation Plan Update 2021 (FEMA plan 108013)                               | 2022-01-11 | 2027-01-10 | 104                                                   |                                              |       |
| Jaffrey town      | Town | Approved, expires 2031-01-20 | Town of Jaffrey, New Hampshire Hazard Mitigation Plan Update 2025 (FEMA plan 111283)         | 2026-01-21 | 2031-01-20 | 1,575                                                 |                                              |       |
| Marlborough town  | Town | Approved, expires 2027-01-13 | Marlborough Hazard Mitigation Plan Update 2021 (FEMA plan 108021)                            | 2022-01-14 | 2027-01-13 | 107                                                   |                                              |       |
| Marlow town       | Town | Approved, expires 2029-10-27 | Town of Marlow, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110123)                     | 2024-10-28 | 2029-10-27 | 1,125                                                 |                                              |       |
| Nelson town       | Town | Approved, expires 2030-07-28 | Nelson Hazard Mitigation Plan Update 2025 (FEMA plan 110988)                                 | 2025-07-29 | 2030-07-28 | 1,399                                                 |                                              |       |
| Richmond town     | Town | Approved, expires 2027-05-10 | Richmond, NH Hazard Mitigation Update 2021 (FEMA plan 108294)                                | 2022-05-11 | 2027-05-10 | 224                                                   |                                              |       |
| Rindge town       | Town | Approved, expires 2030-04-15 | Town of Rindge, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110289)                     | 2025-04-16 | 2030-04-15 | 1,295                                                 |                                              |       |
| Roxbury town      | Town | Approved, expires 2030-11-30 | Roxbury Hazard Mitigation Plan Update 2025 (FEMA plan 111211)                                | 2025-12-01 | 2030-11-30 | 1,524                                                 |                                              |       |
| Stoddard town     | Town | Approved, expires 2030-07-09 | Stoddard Hazard Mitigation Plan Update 2025 (FEMA plan 110881)                               | 2025-07-10 | 2030-07-09 | 1,380                                                 |                                              |       |

| Jurisdiction      | Type | Status                       | Plan                                                                | Approved   | Expires    | Days to expiry<br><i>negative = days since expiry</i> | Update underway | Notes |
|-------------------|------|------------------------------|---------------------------------------------------------------------|------------|------------|-------------------------------------------------------|-----------------|-------|
| Sullivan town     | Town | Approved, expires 2029-10-09 | Sullivan Hazard Mitigation Plan Update 2024 (FEMA plan 109342)      | 2024-10-10 | 2029-10-09 | 1,107                                                 |                 |       |
| Surry town        | Town | Approved, expires 2027-01-27 | Surry NH Hazard Mitigation Plan Update 2021 (FEMA plan 108075)      | 2022-01-28 | 2027-01-27 | 121                                                   |                 |       |
| Swanzey town      | Town | Approved, expires 2027-03-23 | Swanzey Hazard Mitigation Plan Update 2021 (FEMA plan 108232)       | 2022-03-24 | 2027-03-23 | 176                                                   |                 |       |
| Troy town         | Town | Expired on 2024-08-26        | Troy, NH Hazard Mitigation Plan (FEMA plan 105960)                  | 2019-08-27 | 2024-08-26 | -763                                                  |                 |       |
| Walpole town      | Town | Approved, expires 2030-07-09 | Walpole, NH Hazard Mitigation Plan Update - 2025 (FEMA plan 110909) | 2025-07-10 | 2030-07-09 | 1,380                                                 |                 |       |
| Westmoreland town | Town | Approved, expires 2027-07-17 | Westmoreland Hazard Mitigation Plan Update 2022 (FEMA plan 108412)  | 2022-07-18 | 2027-07-17 | 292                                                   |                 |       |
| Winchester town   | Town | Approved, expires 2030-09-18 | Winchester Hazard Mitigation Plan Update 2025 (FEMA plan 109345)    | 2025-09-19 | 2030-09-18 | 1,451                                                 |                 |       |

SOURCE  
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

## Supports B1-a: hazards

Hazards NRI does not cover: check locally

- dam failure (incl. upstream dams)
  - levee failure
  - flash flood as its own subtype
  - ice jams
- debris flows
  - erosion (riverine and coastal)
  - land subsidence and sinkholes
  - expansive soils

### The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

| Rank by EAL | Hazard          | NRI risk rating     | EAL rating          | EAL buildings<br><i>modeled dollars per year</i> | EAL agriculture<br><i>modeled dollars per year</i> | EAL population equivalence<br><i>statistical value of life and injury, \$13.7M per life, not property damage</i> | EAL total (see note)<br><i>modeled dollars per year</i> | Storm Events records since 1996<br><i>count</i> | Evidence for an omission<br><i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i> | Storm Events coverage note                                                                 |
|-------------|-----------------|---------------------|---------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1           | Inland Flooding | Relatively Moderate | Relatively Moderate | \$19,802,972                                     | \$21,570                                           | \$494,406                                                                                                        | \$20,318,948                                            | 72                                              |                                                                                                             |                                                                                            |
| 2           | Hurricane       | Relatively Low      | Relatively Low      | \$1,351,847                                      | \$40,663                                           | \$64,920                                                                                                         | \$1,457,430                                             | 2                                               |                                                                                                             |                                                                                            |
| 3           | Cold Wave       | Relatively Low      | Relatively Moderate | \$134                                            | \$2,653                                            | \$1,273,986                                                                                                      | \$1,276,772                                             | 3                                               |                                                                                                             | Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out. |
| 4           | Tornado         | Relatively Low      | Relatively Low      | \$507,435                                        | \$263                                              | \$758,432                                                                                                        | \$1,266,131                                             | 5                                               |                                                                                                             |                                                                                            |
| 5           | Lightning       | Relatively Moderate | Relatively Moderate | \$28,860                                         |                                                    | \$831,786                                                                                                        | \$860,645                                               | 15                                              |                                                                                                             |                                                                                            |

| Rank by EAL | Hazard            | NRI risk rating     | EAL rating                | EAL buildings<br><i>modeled dollars per year</i> | EAL agriculture<br><i>modeled dollars per year</i> | EAL population equivalence<br><i>statistical value of life and injury, \$13.7M per life, not property damage</i> | EAL total (see note)<br><i>modeled dollars per year</i> | Storm Events records since 1996<br><i>count</i> | Evidence for an omission<br><i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>      | Storm Events coverage note                                                                                                                                     |
|-------------|-------------------|---------------------|---------------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6           | Earthquake        | Very Low            | Relatively Low            | \$427,040                                        |                                                    | \$94,870                                                                                                         | \$521,910                                               |                                                 |                                                                                                                  | Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.                                                     |
| 7           | Heat Wave         | Relatively Low      | Relatively Low            | under \$1                                        | \$7,328                                            | \$505,567                                                                                                        | \$512,895                                               | 0                                               |                                                                                                                  | No recorded events in Storm Events since 1996 (data through 2026-06-30).                                                                                       |
| 8           | Ice Storm         | Relatively Moderate | Relatively Moderate       | \$426,231                                        |                                                    | \$11,800                                                                                                         | \$438,031                                               | 5                                               |                                                                                                                  |                                                                                                                                                                |
| 9           | Strong Wind       | Relatively Low      | Relatively Low            | \$138,003                                        | \$884                                              | \$230,671                                                                                                        | \$369,558                                               | 369                                             |                                                                                                                  | Includes 16 High Wind records and 27 Strong Wind records, event types the NRI definition of this hazard leaves out.                                            |
| 10          | Hail              | Very Low            | Relatively Low            | \$6,437                                          | \$3,324                                            | \$142,610                                                                                                        | \$152,372                                               | 99                                              |                                                                                                                  |                                                                                                                                                                |
| 11          | Winter Weather    | Relatively Low      | Relatively Moderate       | \$29,989                                         | \$7                                                | \$53,392                                                                                                         | \$83,389                                                | 138                                             |                                                                                                                  |                                                                                                                                                                |
| 12          | Landslide         | Relatively Low      | Relatively Low            | \$9,961                                          |                                                    | \$9,085                                                                                                          | \$19,046                                                | 0                                               |                                                                                                                  | No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk. |
| 13          | Wildfire          | Very Low            | Very Low                  | \$11,239                                         | \$2                                                | \$1,695                                                                                                          | \$12,935                                                | 0                                               |                                                                                                                  | Declared 1 time; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.                    |
| 14          | Avalanche         | Very Low            | Very Low                  | under \$1                                        |                                                    | \$246                                                                                                            | \$246                                                   | 0                                               |                                                                                                                  | No recorded events in Storm Events since 1996 (data through 2026-06-30).                                                                                       |
| 15          | Drought           | No Rating           | No Expected Annual Losses |                                                  | \$0                                                |                                                                                                                  | \$0                                                     | 7                                               |                                                                                                                  |                                                                                                                                                                |
|             | Coastal Flooding  | Not Applicable      | Not Applicable            |                                                  |                                                    |                                                                                                                  |                                                         | 0                                               | NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.  | No recorded events in Storm Events since 1996 (data through 2026-06-30).                                                                                       |
|             | Tsunami           | Not Applicable      | Not Applicable            |                                                  |                                                    |                                                                                                                  |                                                         | 0                                               | NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.           | No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk. |
|             | Volcanic Activity | Not Applicable      | Not Applicable            |                                                  |                                                    |                                                                                                                  |                                                         | 0                                               | NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it. | No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk. |

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)  
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

| Hazard            | Location                                                                                                                                                                                                  | Census tracts rated<br><i>rated of all tracts</i> |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Avalanche         | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 4 of 18                                           |
| Coastal Flooding  | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 0 of 18                                           |
| Cold Wave         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |
| Drought           | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 0 of 18                                           |
| Earthquake        | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 18 of 18                                          |
| Hail              | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |
| Heat Wave         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |
| Hurricane         | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 18 of 18                                          |
| Ice Storm         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |
| Inland Flooding   | The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center ( <a href="https://msc.fema.gov">https://msc.fema.gov</a> ) for this county. | 18 of 18                                          |
| Landslide         | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 18 of 18                                          |
| Lightning         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |
| Strong Wind       | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |
| Tornado           | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 18 of 18                                          |
| Tsunami           | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 0 of 18                                           |
| Volcanic Activity | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 0 of 18                                           |
| Wildfire          | Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.                                                                        | 18 of 18                                          |
| Winter Weather    | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 18 of 18                                          |

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)

## Supports B1-c: extent

### Extent: scale, observed range and worst recorded event per hazard

| Hazard                                          | Scale                          | Records<br><i>count, years</i>   | Observed range                                               | Worst recorded event                                                                                          | Most damaging<br>(when different)                                                              | How it applies to members                                                                                                                                                                                                                                                                                                                                                                                 | Note                                                                                                                                                                 |
|-------------------------------------------------|--------------------------------|----------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avalanche                                       | none (count and damage)        | 0                                |                                                              |                                                                                                               |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                           | Physical measure: in event narratives only; local data required.                                                                                                     |
| Coastal Flood, Storm Surge/ Tide                | none in data (FIRM for depth)  | 0                                |                                                              |                                                                                                               |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                           | Flood depth: see the FEMA Flood Insurance Rate Map.                                                                                                                  |
| Cold/Wind Chill, Extreme Cold/Wind Chill        | wind chill                     | 1, 2023 to 2023 (1 zone-level)   | 2 days; 1 with a recorded value                              | 2 consecutive days, 2023-02-03 to 2023-02-04, zone-level                                                      |                                                                                                | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                                                       | Wind chill: in event narratives only; local data required.                                                                                                           |
| Frost/Freeze (outside NRI Cold Wave definition) | crop damage                    | 2, 2007 to 2023 (2 zone-level)   |                                                              | No crop damage reported in 2 records.                                                                         |                                                                                                | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                                                       | Temperature: in event narratives only; local data required.                                                                                                          |
| Drought                                         | US Drought Monitor D-scale     | 7, 2020 to 2025 (7 zone-level)   | 30 days to 61 days (median 61 days); 4 with a recorded value | 61 days (2 months), 2025-11-01 to 2025-12-31, a run of 2 consecutive Storm Events drought records, zone-level | Drought, 2020-10-01, \$100,000 property; \$500,000 crops, reported for the zone (2020 dollars) | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                                                       | Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only. |
| Earthquake                                      | Modified Mercalli (local data) | 0                                |                                                              |                                                                                                               |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                           | No Storm Events record; local data required (e.g., USGS).                                                                                                            |
| Hail                                            | hail size (inches)             | 104, 1970 to 2026 (1 zone-level) | 0.75 in to 2 in (median 1 in); 103 with a recorded value     | 2 in hail, 2012-05-29; same size also recorded on 1970-08-17                                                  | Hail, 1998-05-31, \$8,000 property; crops not reported (1998 dollars)                          | Event records naming member places: Keene city (13 records), Walpole town (10 records), Alstead town (5 records), Rindge town (5 records), Westmoreland town (5 records), Fitzwilliam town (4 records), Hinsdale town (4 records), Troy town (4 records), Chesterfield town (3 records), Dublin town (3 records); and 10 more member places (see the XLSX file). Zone-level records (1) apply countywide. |                                                                                                                                                                      |
| Excessive Heat, Heat                            | heat index (narratives)        | 0                                |                                                              |                                                                                                               |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                           | Heat index: in event narratives only; local data required.                                                                                                           |

| Hazard                                                  | Scale                                                                                                   | Records<br><i>count, years</i>         | Observed range | Worst recorded event                                                                                                                                                                                                                                                                                                                                   | Most damaging<br>(when different) | How it applies to members                                                                                                                                                                                                                                                                                                                                                                                      | Note                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hurricane,<br>Tropical Storm,<br>Tropical<br>Depression | Saffir-Simpson                                                                                          | 2, 2011 to<br>2020 (2 zone-<br>level)  |                | Strongest recorded<br>(records with damage, a<br>wind speed or direct<br>casualties first, then<br>storm type, category and<br>wind): Tropical Storm<br>record, 2011-08-28,<br>\$10,000 property; \$0<br>crops, reported for the<br>zone (2011 dollars); NWS<br>zone NHZ011<br>(CHESHIRE), zone-level:<br>may include parts of<br>neighboring counties |                                   | Zone-level records: applies countywide; national data do not<br>locate these events within the county.                                                                                                                                                                                                                                                                                                         | Storm Events files<br>every zone of a storm's<br>episode under the<br>storm's event type and<br>category, so a<br>Hurricane (Typhoon)<br>record, especially an<br>inland or remnant one,<br>does not by itself mean<br>hurricane-force winds<br>here; read the damage<br>and wind columns. |
| Ice Storm                                               | Sperry-Piltz<br>(local data)                                                                            | 5, 1998 to<br>2008 (5 zone-<br>level)  |                | Ice Storm, 2008-12-11,<br>\$9,000,000 property; \$0<br>crops, reported for the<br>zone (2008 dollars); NWS<br>zone NHZ011<br>(CHESHIRE), zone-level:<br>may include parts of<br>neighboring counties                                                                                                                                                   |                                   | Zone-level records: applies countywide; national data do not<br>locate these events within the county.                                                                                                                                                                                                                                                                                                         | Ice thickness: in event<br>narratives only; local<br>data required.                                                                                                                                                                                                                        |
| Flash Flood,<br>Flood,<br>Lakeshore<br>Flood            | damage and<br>flood days<br>(FIRM for<br>depth)                                                         | 72, 1996 to<br>2024 (3 zone-<br>level) |                | Flash Flood, 2005-10-09,<br>\$10,000,000 property;<br>crops not reported (2005<br>dollars), 2 direct deaths                                                                                                                                                                                                                                            |                                   | Event records naming member places: Keene city (9<br>records), Swanzey town (6 records), Troy town (4 records),<br>Walpole town (4 records), Alstead town (3 records),<br>Chesterfield town (3 records), Nelson town (3 records),<br>Stoddard town (3 records), Surry town (3 records), Dublin<br>town (2 records); and 10 more member places (see the XLSX<br>file). Zone-level records (3) apply countywide. | Flood depth: see the<br>FEMA Flood Insurance<br>Rate Map. Storm<br>Events damage can be<br>\$0 or blank even for a<br>major flood, so the<br>worst record here may<br>not be the worst flood;<br>compare FEMA Public<br>Assistance by<br>declaration in B1-d.                              |
| Debris Flow                                             | none (count<br>and damage)                                                                              | 0                                      |                |                                                                                                                                                                                                                                                                                                                                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                | Physical measure: in<br>event narratives only;<br>local data required.                                                                                                                                                                                                                     |
| Lightning                                               | annualized<br>frequency (the<br>measure<br>FEMA's Local<br>Mitigation<br>Planning<br>Handbook<br>names) | 15, 1996 to<br>2015                    |                | Lightning, 2004-08-11,<br>\$50,000 property; crops<br>not reported (2004<br>dollars)                                                                                                                                                                                                                                                                   |                                   | Event records naming member places: Keene city (4<br>records), Marlborough town (2 records), Richmond town (2<br>records), Rindge town (2 records), Swanzey town (2 records),<br>Fitzwilliam town (1 record), Jaffrey town (1 record), Walpole<br>town (1 record).                                                                                                                                             | Storm Events lists<br>lightning with damage<br>or casualties; physical<br>measure in event<br>narratives only; local<br>data required.                                                                                                                                                     |

| Hazard                                                         | Scale                                   | Records<br><i>count, years</i>   | Observed range                                                                       | Worst recorded event                                                                                                                                                                                                          | Most damaging<br>(when different)                                                                     | How it applies to members                                                                                                                                                                                                                                                                                                                                             | Note                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------|-----------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| High Wind and Strong Wind (outside NRI Strong Wind definition) | wind speed (kt and mph)                 | 43, 1996 to 2017 (43 zone-level) | 40 kt (46 mph) to 58 kt (67 mph) (median 50 kt (58 mph)); 28 with a recorded value   | 58 kt (67 mph) estimated gust, High Wind, 2006-02-17; same speed and measurement basis also recorded on 2004-12-01, 2005-09-29; NWS zone NHZ011 (CHESHIRE), zone-level: may include parts of neighboring counties             | Strong Wind, 1998-10-01, \$100,000 property; crops not reported, reported for the zone (1998 dollars) | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Thunderstorm Wind                                              | wind speed (kt and mph)                 | 366, 1963 to 2026                | 40 kt (46 mph) to 92 kt (106 mph) (median 50 kt (58 mph)); 329 with a recorded value | 92 kt (106 mph) estimated gust, Thunderstorm Wind, 2010-06-06                                                                                                                                                                 |                                                                                                       | Event records naming member places: Keene city (28 records), Walpole town (27 records), Winchester town (27 records), Swanzey town (25 records), Westmoreland town (17 records), Hinsdale town (16 records), Jaffrey town (14 records), Gilsum town (13 records), Marlow town (11 records), Alstead town (10 records); and 12 more member places (see the XLSX file). |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tornado                                                        | Enhanced Fujita (F before Feb 2007)     | 18, 1959 to 2024                 | F/EF0 to F/EF2 (median F/EF1); 15 with a recorded value                              | F2 tornado, 1963-08-13, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 17 yd wide, \$250,000 property; crops not recorded (1963 dollars) | Tornado, 1997-07-03, \$500,000 property; crops not reported (1997 dollars)                            | Event records naming member places: Dublin town (2 records), Keene city (1 record), Swanzey town (1 record).                                                                                                                                                                                                                                                          | From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes. |
| Tsunami                                                        | none (count and damage)                 | 0                                |                                                                                      |                                                                                                                                                                                                                               |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                       | Physical measure: in event narratives only; local data required.                                                                                                                                                                                                                                                                                                                                                              |
| Volcanic Ash, Volcanic Ashfall                                 | Volcanic Explosivity Index (local data) | 0                                |                                                                                      |                                                                                                                                                                                                                               |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                       | Physical measure: in event narratives only; local data required.                                                                                                                                                                                                                                                                                                                                                              |
| Wildfire                                                       | acres burned (local data)               | 0                                |                                                                                      |                                                                                                                                                                                                                               |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                       | Acres burned: in event narratives only; local data required.                                                                                                                                                                                                                                                                                                                                                                  |

| Hazard                                                                                      | Scale                            | Records<br><i>count, years</i>           | Observed range | Worst recorded event                                                                                                                                                                                         | Most damaging<br>(when different) | How it applies to members                                                                              | Note                                                             |
|---------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Winter Storm,<br>Heavy Snow,<br>Blizzard, Lake-<br>Effect Snow,<br>Winter<br>Weather, Sleet | none in data<br>(snowfall local) | 138, 1996 to<br>2026 (138<br>zone-level) |                | Heavy Snow, 2001-03-09,<br>\$500,000 property; crops<br>not reported, reported for<br>the zone (2001 dollars);<br>NWS zone NHZ011<br>(CHESHIRE), zone-level:<br>may include parts of<br>neighboring counties |                                   | Zone-level records: applies countywide; national data do not<br>locate these events within the county. | Snow depth: in event<br>narratives only; local<br>data required. |

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>  
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows 33 Counted incidents 28

No county-level plan row in FEMA data, so there is no approval date to count from.

Federal disaster declarations for this county

| Declared   | Incident<br>began | FEMA<br>number | Type               | Title                                     | Mapped hazard            | County Public<br>Assistance<br><i>federal share obligated,<br/>nominal dollars</i> | Flags                  | Notes                       |
|------------|-------------------|----------------|--------------------|-------------------------------------------|--------------------------|------------------------------------------------------------------------------------|------------------------|-----------------------------|
| 2023-09-14 | 2023-07-09        | DR-4740-NH     | Major disaster     | SEVERE STORMS AND FLOODING                | Inland Flooding          | \$1,372,004.11                                                                     | within last 5<br>years |                             |
| 2021-10-04 | 2021-07-29        | DR-4624-NH     | Major disaster     | SEVERE STORM AND FLOODING                 | Inland Flooding          | \$1,151,481.15                                                                     | within last 5<br>years |                             |
| 2021-09-30 | 2021-07-17        | DR-4622-NH     | Major disaster     | SEVERE STORM AND FLOODING                 | Inland Flooding          | \$2,216,672.97                                                                     | within last 5<br>years |                             |
| 2020-04-03 | 2020-01-20        | DR-4516-NH     | Major disaster     | COVID-19 PANDEMIC                         | Non-natural, not counted | \$15,103,521.99                                                                    |                        |                             |
| 2020-03-13 | 2020-01-20        | EM-3445-NH     | Emergency          | COVID-19                                  | Non-natural, not counted | none found                                                                         |                        | same incident as<br>DR-4516 |
| 2016-04-21 | 2016-04-21        | FM-5123-NH     | Fire<br>management | STODDARD FIRE                             | Wildfire                 | none found                                                                         |                        |                             |
| 2013-08-02 | 2013-06-26        | DR-4139-NH     | Major disaster     | SEVERE STORMS, TORNADOES,<br>AND FLOODING | Inland Flooding; Tornado | \$952,754.66                                                                       |                        |                             |
| 2013-03-19 | 2013-02-08        | DR-4105-NH     | Major disaster     | SEVERE WINTER STORM AND<br>SNOWSTORM      | Winter Weather           | \$185,400.07                                                                       |                        |                             |

| Declared   | Incident began | FEMA number | Type           | Title                                        | Mapped hazard                                                              | County Public Assistance                            | Flags | Notes                    |
|------------|----------------|-------------|----------------|----------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------|-------|--------------------------|
|            |                |             |                |                                              |                                                                            | <i>federal share obligated,<br/>nominal dollars</i> |       |                          |
| 2012-10-30 | 2012-10-26     | EM-3360-NH  | Emergency      | HURRICANE SANDY                              | Hurricane                                                                  | \$16,870.01                                         |       |                          |
| 2012-06-15 | 2012-05-29     | DR-4065-NH  | Major disaster | SEVERE STORM AND FLOODING                    | Inland Flooding                                                            | \$2,279,220.48                                      |       |                          |
| 2011-11-01 | 2011-10-29     | EM-3344-NH  | Emergency      | SEVERE STORM                                 | Hazard not mapped (severe storm title names no single hazard); not counted | none found                                          |       |                          |
| 2011-08-27 | 2011-08-26     | EM-3333-NH  | Emergency      | HURRICANE IRENE                              | Hurricane                                                                  | \$11,105.34                                         |       |                          |
| 2009-01-02 | 2008-12-11     | DR-1812-NH  | Major disaster | SEVERE WINTER STORM                          | Ice Storm                                                                  | \$1,120,811.35                                      |       |                          |
| 2008-12-13 | 2008-12-11     | EM-3297-NH  | Emergency      | SEVERE WINTER STORM                          | Winter Weather                                                             | none found                                          |       | same incident as DR-1812 |
| 2007-04-27 | 2007-04-15     | DR-1695-NH  | Major disaster | SEVERE STORMS AND FLOODING                   | Inland Flooding                                                            | \$540,214.42                                        |       |                          |
| 2005-10-26 | 2005-10-07     | DR-1610-NH  | Major disaster | SEVERE STORMS AND FLOODING                   | Inland Flooding                                                            | \$2,269,324.56                                      |       |                          |
| 2005-09-19 | 2005-08-29     | EM-3258-NH  | Emergency      | HURRICANE KATRINA EVACUATION                 | Hurricane: evacuation support, not a local hazard event; not counted       | none found                                          |       |                          |
| 2005-04-28 | 2005-03-11     | EM-3211-NH  | Emergency      | RECORD SNOW                                  | Winter Weather                                                             | \$95,706.11                                         |       |                          |
| 2005-03-30 | 2005-02-10     | EM-3208-NH  | Emergency      | RECORD SNOW                                  | Winter Weather                                                             | \$92,285.22                                         |       |                          |
| 2005-03-30 | 2005-01-22     | EM-3207-NH  | Emergency      | RECORD AND/OR NEAR RECORD SNOW               | Winter Weather                                                             | \$111,956.23                                        |       |                          |
| 2004-01-15 | 2003-12-06     | EM-3193-NH  | Emergency      | SNOW                                         | Winter Weather                                                             | \$121,742                                           |       |                          |
| 2003-09-12 | 2003-07-21     | DR-1489-NH  | Major disaster | SEVERE STORMS AND FLOODING                   | Inland Flooding                                                            | \$842,784.20                                        |       |                          |
| 2003-03-11 | 2003-02-17     | EM-3177-NH  | Emergency      | SNOW                                         | Winter Weather                                                             | \$90,628.78                                         |       |                          |
| 2001-03-28 | 2001-03-05     | EM-3166-NH  | Emergency      | SNOW                                         | Winter Weather                                                             | \$122,064.60                                        |       |                          |
| 1999-10-18 | 1999-09-16     | DR-1305-NH  | Major disaster | TROPICAL STORM FLOYD                         | Hurricane                                                                  | \$79,753.06                                         |       |                          |
| 1998-01-15 | 1998-01-07     | DR-1199-NH  | Major disaster | SEVERE ICE STORM, RAINS AND HIGH WINDS       | Ice Storm; Strong Wind                                                     | none found                                          |       |                          |
| 1996-01-03 | 1995-10-20     | DR-1077-NH  | Major disaster | EXCESSIVE RAINFALL, HIGH WINDS, AND FLOODING | Inland Flooding (primary); also designated: Strong Wind                    | none found                                          |       |                          |
| 1993-03-16 | 1993-03-13     | EM-3101-NH  | Emergency      | BLIZZARDS, HIGH WINDS & RECORD SNOWFALL      | Winter Weather                                                             | none found                                          |       |                          |
| 1990-08-29 | 1990-08-07     | DR-876-NH   | Major disaster | SEVERE STORMS & FLOODING                     | Inland Flooding                                                            | none found                                          |       |                          |
| 1987-04-16 | 1987-03-30     | DR-789-NH   | Major disaster | SEVERE STORMS & FLOODING                     | Inland Flooding                                                            | none found                                          |       |                          |
| 1986-08-27 | 1986-07-29     | DR-771-NH   | Major disaster | SEVERE STORMS, FLOODING                      | Inland Flooding                                                            | none found                                          |       |                          |
| 1974-01-21 | 1974-01-21     | DR-411-NH   | Major disaster | HEAVY RAINS & FLOODING                       | Inland Flooding                                                            | none found                                          |       |                          |
| 1973-07-11 | 1973-07-11     | DR-399-NH   | Major disaster | SEVERE STORMS & FLOODING                     | Inland Flooding                                                            | none found                                          |       |                          |

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

#### SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

| Declared   | Incident began | FEMA number | Type           | Title       | Mapped hazard | Flags | Notes |
|------------|----------------|-------------|----------------|-------------|---------------|-------|-------|
| 1953-07-02 | 1953-07-02     | DR-11-NH    | Major disaster | FOREST FIRE | Wildfire      |       |       |

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

SOURCE

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

| Hazard            | Storm Events records<br><i>full period</i> | Since plan approval<br><i>records</i> | During plan review<br><i>records</i> | Last 5 years<br><i>records</i> | Declared incidents<br><i>distinct incidents</i> | Declared since approval<br><i>distinct incidents</i> | Period             | Statement                                                                                                           |
|-------------------|--------------------------------------------|---------------------------------------|--------------------------------------|--------------------------------|-------------------------------------------------|------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------|
| Avalanche         | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Coastal Flooding  | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Cold Wave         | 3                                          |                                       |                                      | 2                              | 0                                               |                                                      | 1996 to 2026-06-30 | Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.                          |
| Drought           | 7                                          |                                       |                                      | 5                              | 0                                               |                                                      | 1996 to 2026-06-30 |                                                                                                                     |
| Earthquake        | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      |                    | No Storm Events record; local data required (e.g., USGS).                                                           |
| Hail              | 104                                        |                                       |                                      | 34                             | 0                                               |                                                      | 1955 to 2026-06-30 |                                                                                                                     |
| Heat Wave         | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Hurricane         | 2                                          |                                       |                                      | 0                              | 3                                               |                                                      | 1996 to 2026-06-30 |                                                                                                                     |
| Ice Storm         | 5                                          |                                       |                                      | 0                              | 2                                               |                                                      | 1996 to 2026-06-30 |                                                                                                                     |
| Inland Flooding   | 72                                         |                                       |                                      | 25                             | 14                                              |                                                      | 1996 to 2026-06-30 |                                                                                                                     |
| Landslide         | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Lightning         | 15                                         |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 |                                                                                                                     |
| Strong Wind       | 409                                        |                                       |                                      | 65                             | 2                                               |                                                      | 1955 to 2026-06-30 | Includes 16 High Wind records and 27 Strong Wind records, event types the NRI definition of this hazard leaves out. |
| Tornado           | 18                                         |                                       |                                      | 3                              | 1                                               |                                                      | 1950 to 2026-06-30 |                                                                                                                     |
| Tsunami           | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Volcanic Activity | 0                                          |                                       |                                      | 0                              | 0                                               |                                                      | 1996 to 2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |

| <b>Hazard</b>  | <b>Storm Events records</b><br><i>full period</i> | <b>Since plan approval</b><br><i>records</i> | <b>During plan review</b><br><i>records</i> | <b>Last 5 years</b><br><i>records</i> | <b>Declared incidents</b><br><i>distinct incidents</i> | <b>Declared since approval</b><br><i>distinct incidents</i> | <b>Period</b>      | <b>Statement</b>                                                                           |
|----------------|---------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------------------|--------------------------------------------------------|-------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------|
| Wildfire       | 0                                                 |                                              |                                             | 0                                     | 1                                                      |                                                             | 1996 to 2026-06-30 | No Storm Events records of this type; 1 federal declared incident (see declarations table) |
| Winter Weather | 138                                               |                                              |                                             | 17                                    | 9                                                      |                                                             | 1996 to 2026-06-30 |                                                                                            |

**SOURCES**

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

**Notable Storm Events records**

| <b>Date</b> | <b>Event type</b>           | <b>Magnitude or extent</b>     | <b>Damage</b><br><i>nominal dollars</i>                                            | <b>Direct deaths, injuries</b><br><i>indirect not counted</i> | <b>Location</b>                                                                         | <b>Flags</b>              | <b>Why listed</b>                                                                                      |
|-------------|-----------------------------|--------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------|
| 2023-02-03  | Extreme Cold/<br>Wind Chill |                                | damage not reported                                                                | 0, 0                                                          | NWS zone NHZ011 (CHESHIRE),<br>zone-level: may include parts of<br>neighboring counties | within<br>last 5<br>years | B1-c worst recorded: Cold/Wind<br>Chill, Extreme Cold/Wind Chill                                       |
| 2012-05-29  | Hail                        | 2 in                           | \$0 property; \$0 crops (2012<br>dollars)                                          | 0, 0                                                          | WESTMORELAND                                                                            |                           | B1-c worst recorded: Hail                                                                              |
| 2011-08-28  | Tropical Storm              |                                | \$10,000 property; \$0 crops,<br>reported for the zone (2011<br>dollars)           | 0, 0                                                          | NWS zone NHZ011 (CHESHIRE),<br>zone-level: may include parts of<br>neighboring counties |                           | B1-c worst recorded: Hurricane,<br>Tropical Storm, Tropical Depression                                 |
| 2010-07-16  | Lightning                   |                                | \$0 property; \$0 crops (2010<br>dollars)                                          | 0, 2                                                          | RINDGE                                                                                  |                           | deaths or injuries recorded                                                                            |
| 2010-06-06  | Thunderstorm<br>Wind        | 92 kt (106 mph) estimated gust | \$200,000 property; \$0 crops<br>(2010 dollars)                                    | 0, 0                                                          | HARRISVILLE to DUBLIN                                                                   |                           | B1-c worst recorded: Thunderstorm<br>Wind                                                              |
| 2008-12-11  | Ice Storm                   |                                | \$9,000,000 property; \$0<br>crops, reported for the zone<br>(2008 dollars)        | 0, 0                                                          | NWS zone NHZ011 (CHESHIRE),<br>zone-level: may include parts of<br>neighboring counties |                           | B1-c worst recorded: Ice Storm                                                                         |
| 2006-02-17  | High Wind                   | 58 kt (67 mph) estimated gust  | \$40,000 property; crops not<br>reported, reported for the<br>zone (2006 dollars)  | 0, 0                                                          | NWS zone NHZ011 (CHESHIRE),<br>zone-level: may include parts of<br>neighboring counties |                           | B1-c worst recorded: High Wind and<br>Strong Wind (outside NRI Strong<br>Wind definition)              |
| 2005-10-09  | Flash Flood                 |                                | \$10,000,000 property; crops<br>not reported (2005 dollars)                        | 2, 0                                                          | ALSTEAD                                                                                 |                           | deaths or injuries recorded                                                                            |
| 2004-08-11  | Lightning                   |                                | \$50,000 property; crops not<br>reported (2004 dollars)                            | 0, 0                                                          | WALPOLE                                                                                 |                           | B1-c worst recorded: Lightning                                                                         |
| 2003-08-16  | Lightning                   |                                | damage not reported                                                                | 0, 12                                                         | JAFFREY                                                                                 |                           | deaths or injuries recorded                                                                            |
| 2001-03-09  | Heavy Snow                  |                                | \$500,000 property; crops not<br>reported, reported for the<br>zone (2001 dollars) | 0, 0                                                          | NWS zone NHZ011 (CHESHIRE),<br>zone-level: may include parts of<br>neighboring counties |                           | B1-c worst recorded: Winter Storm,<br>Heavy Snow, Blizzard, Lake-Effect<br>Snow, Winter Weather, Sleet |

|            |            |                                                                                                                                                    |                                                       | Direct deaths, injuries<br><i>indirect not counted</i> |                       |       |                              |
|------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|-----------------------|-------|------------------------------|
| Date       | Event type | Magnitude or extent                                                                                                                                | Damage<br><i>nominal dollars</i>                      |                                                        | Location              | Flags | Why listed                   |
| 1963-08-13 | Tornado    | F2, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 17 yd wide | \$250,000 property; crops not recorded (1963 dollars) | 0, 0                                                   | location not recorded |       | B1-c worst recorded: Tornado |

The full list is in the XLSX file, sheet "B1-d Storm Events history" (773 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>  
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>  
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

FEMA's declaration data list no tribal or special-area declarations for this state.

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

| Hazard           | FEMA annualized frequency (modeled)<br><i>unit per row</i> | Unit                                    | In plain terms           | Descriptor | Descriptor basis                                  | NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional) | NRI period                          | Location   | Note                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------|-----------------------------------------|--------------------------|------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avalanche        | 0.01                                                       | events per year                         | about 1 in 100 years     | Possible   | FEMA annualized frequency (modeled)               | 0                                                                                                        | 1994 to 2023 (30 years)             | see B1-f   | 0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.                                                                                                                                                                                                                                                                                    |
| Coastal Flooding |                                                            | events per year at a location (modeled) |                          |            |                                                   | not shown                                                                                                | modeled                             | see B1-f   | Not Applicable in NRI for this county; no descriptor.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cold Wave        | 1.95                                                       | event-days per year                     | about 1.95 days per year | Possible   | event-days in 1 of 30 years, 1996 to 2025 (3.33%) | 37                                                                                                       | 2005-11-12 to 2024-11-12 (19 years) | countywide | NRI gives about 1.95 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 1 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves. |

| Hazard          | FEMA<br>annualized<br>frequency<br>(modeled)<br><i>unit per row</i> | Unit                             | In plain terms                                                                            | Descriptor    | Descriptor<br>basis                                | NRI events or days in<br>its record period (hail,<br>wind and tornado are<br>area-weighted, so can<br>be fractional) | NRI period                                 | Location   | Note                                                                                                                                                                                                                                                                                                                                                              |
|-----------------|---------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|---------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Drought         | 0.174                                                               | event-days per year              | about 0.174 days per year                                                                 | Likely        | event-days in 3 of 30 years, 1996 to 2025 (10%)    | 70                                                                                                                   | 2000 to 2025 (25.25 years; D3 and D4 only) | countywide |                                                                                                                                                                                                                                                                                                                                                                   |
| Earthquake      | 0.00139                                                             | annual probability at a location | chance a given location in the county has at least minor-damage shaking in a year: 0.139% |               |                                                    | not shown                                                                                                            | modeled                                    | see B1-f   | Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.                                                                                                                                                                                      |
| Hail            | 2.57                                                                | events per year                  | about 2.57 per year                                                                       | Highly likely | FEMA annualized frequency (modeled)                | 97.6 (modeled)                                                                                                       | 1986 to 2023 (38 years)                    | countywide |                                                                                                                                                                                                                                                                                                                                                                   |
| Heat Wave       | 2.9                                                                 | event-days per year              | about 2.9 days per year                                                                   |               | event-days in 0 of 30 years, 1996 to 2025 (0%)     | 53                                                                                                                   | 2005-11-12 to 2024-11-12 (19 years)        | countywide | No recorded event-days, 1996 to 2025; descriptor not assigned                                                                                                                                                                                                                                                                                                     |
| Hurricane       | 0.0799                                                              | events per year                  | about 1 in 13 years                                                                       | Possible      | FEMA annualized frequency (modeled)                | 28                                                                                                                   | 1851 to 2024 (Atlantic)                    | see B1-f   | NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.                                                                                                                                                                                                     |
| Ice Storm       | 1.8                                                                 | event-days per year              | about 1.8 days per year                                                                   | Likely        | event-days in 4 of 30 years, 1996 to 2025 (13.3%)  | 122                                                                                                                  | 1946-12-31 to 2014-02-12 (67 years)        | countywide | NRI gives about 1.8 ice storm event-days a year here (its annualized frequency over 67 years; not its event count divided by the years), but Storm Events has a record in only 4 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. |
| Inland Flooding | 1.29                                                                | event-days per year              | about 1.29 days per year                                                                  | Likely        | event-days in 19 of 30 years, 1996 to 2025 (63.3%) | 36                                                                                                                   | 1996 to 2023 (28 years)                    | see B1-f   |                                                                                                                                                                                                                                                                                                                                                                   |
| Landslide       | 1.33                                                                | events per year (modeled)        | about 1.33 per year                                                                       | Highly likely | FEMA annualized frequency (modeled)                | not shown                                                                                                            | modeled                                    | see B1-f   |                                                                                                                                                                                                                                                                                                                                                                   |
| Lightning       | 22.1                                                                | days per year with a strike      | about 22.1 days per year                                                                  | Highly likely | FEMA annualized frequency (modeled)                | not shown                                                                                                            | 1995 to 2023 (29 years; CONUS)             | countywide |                                                                                                                                                                                                                                                                                                                                                                   |
| Strong Wind     | 1.21                                                                | events per year                  | about 1.21 per year                                                                       | Highly likely | FEMA annualized frequency (modeled)                | 46                                                                                                                   | 1986 to 2023 (38 years)                    | countywide |                                                                                                                                                                                                                                                                                                                                                                   |

| Hazard               | FEMA<br>annualized<br>frequency<br>(modeled)<br><i>unit per row</i> | Unit                                                                                             | In plain terms                                                           | Descriptor       | Descriptor<br>basis                                               | NRI events or days in<br>its record period (hail,<br>wind and tornado are<br>area-weighted, so can<br>be fractional) | NRI period                                         | Location   | Note                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tornado              | 0.144                                                               | events per year                                                                                  | about 1 in 7 years                                                       | Likely           | FEMA<br>annualized<br>frequency<br>(modeled)                      | not shown                                                                                                            | 1950 to 2023<br>(EF2+); 1986<br>to 2023<br>(EF0-1) | see B1-f   |                                                                                                                                                                                              |
| Tsunami              |                                                                     | annual<br>probability at the<br>most exposed<br>location (used in<br>place of a county<br>value) |                                                                          |                  |                                                                   | not shown                                                                                                            | modeled                                            | see B1-f   | Not Applicable in NRI for this county; no descriptor.                                                                                                                                        |
| Volcanic<br>Activity |                                                                     | annual<br>probability                                                                            |                                                                          |                  |                                                                   | not shown                                                                                                            | modeled                                            | see B1-f   | Not Applicable in NRI for this county; no descriptor.                                                                                                                                        |
| Wildfire             | 0.0000539                                                           | annual<br>probability at a<br>location                                                           | chance a given<br>location in the<br>county burns in a<br>year: 0.00539% |                  | Storm Events<br>records in 0 of<br>30 years, 1996<br>to 2025 (0%) | not shown                                                                                                            | modeled                                            | see B1-f   | No Storm Events record of this hazard, 1996 to 2025;<br>descriptor not assigned (the NRI value is the chance at a<br>location in the county, not how often the hazard affects<br>the county) |
| Winter<br>Weather    | 18.7                                                                | event-days per<br>year                                                                           | about 18.7 days<br>per year                                              | Highly<br>likely | event-days in<br>30 of 30 years,<br>1996 to 2025<br>(100%)        | 355                                                                                                                  | 2005-11-12 to<br>2024-11-12<br>(19 years)          | countywide |                                                                                                                                                                                              |

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

**SOURCES**  
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)  
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

| Unit            | Descriptor    | Definition                    |
|-----------------|---------------|-------------------------------|
| events per year | Highly likely | 1 or more per year            |
| events per year | Likely        | about once in 1 to 10 years   |
| events per year | Possible      | about once in 10 to 100 years |
| events per year | Unlikely      | less than once in 100 years   |

| Unit                        | Descriptor    | Definition                                               |
|-----------------------------|---------------|----------------------------------------------------------|
| annual probability          | Likely        | 10% to under 100% chance in a given year                 |
| annual probability          | Possible      | 1% to under 10% chance in a given year                   |
| annual probability          | Unlikely      | under 1% chance in a given year                          |
| event-days (share of years) | Highly likely | event-days recorded in 90% or more of years              |
| event-days (share of years) | Likely        | event-days recorded in 10% to under 90% of years         |
| event-days (share of years) | Possible      | event-days recorded in some years but under 10% of years |
| lightning strike-days       | Highly likely | cloud-to-ground strikes on 1 or more days per year       |

**SOURCES**  
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)  
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

| Hazard                                  | Band                      | Years        | Events<br><i>county-coded records</i> | Years in period | Events per year<br><i>events / years</i> |
|-----------------------------------------|---------------------------|--------------|---------------------------------------|-----------------|------------------------------------------|
| Hail                                    | 1.00-1.99 in              | 1996 to 2025 | 66                                    | 30              | 2.2                                      |
| Hail                                    | 2.00 in+                  | 1996 to 2025 | 1                                     | 30              | 0.0333                                   |
| Strong Wind (Thunderstorm Wind records) | 50-64 kt                  | 1996 to 2025 | 308                                   | 30              | 10.3                                     |
| Strong Wind (Thunderstorm Wind records) | 65 kt+                    | 1996 to 2025 | 5                                     | 30              | 0.167                                    |
| Strong Wind (Thunderstorm Wind records) | unmeasured or below 50 kt | 1996 to 2025 | 5                                     | 30              | 0.167                                    |
| Tornado                                 | EF0-1                     | 1996 to 2025 | 5                                     | 30              | 0.167                                    |
| Tornado                                 | EF2-3                     | 1996 to 2025 | 0                                     | 30              | 0                                        |
| Tornado                                 | EF4-5                     | 1996 to 2025 | 0                                     | 30              | 0                                        |
| Tornado                                 | unrated (EFU)             | 1996 to 2025 | 0                                     | 30              | 0                                        |

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

**SOURCE**  
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions.

## Supports B1-f: variation across the planning area

### Range of census tract risk within the county

| Hazard               | Tracts<br>rated of<br>all | Risk score<br>min<br>NRI score, 0<br>to 100 | Median | Max  | Tracts by rating                                                        | Note                                                                                                                                                                                                                                 |
|----------------------|---------------------------|---------------------------------------------|--------|------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avalanche            | 4 of 18                   | 24.8                                        | 27.4   | 28.9 | Very Low 4, Not Applicable 14                                           |                                                                                                                                                                                                                                      |
| Coastal<br>Flooding  | 0 of 18                   |                                             |        |      | Not Applicable 18                                                       |                                                                                                                                                                                                                                      |
| Cold Wave            | 18 of 18                  | 42.8                                        | 56.5   | 67.9 | Relatively Moderate 15, Relatively Low 3                                | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Drought              | 0 of 18                   |                                             |        |      | No Rating 18                                                            | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Earthquake           | 18 of 18                  | 29.9                                        | 41.2   | 70.5 | Relatively Low 9, Very Low 9                                            |                                                                                                                                                                                                                                      |
| Hail                 | 18 of 18                  | 41.2                                        | 53.1   | 61.3 | Relatively Low 18                                                       | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Heat Wave            | 18 of 18                  | 21.4                                        | 37.2   | 51.8 | Relatively Low 18                                                       | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Hurricane            | 18 of 18                  | 64.8                                        | 73.1   | 81.4 | Relatively Moderate 2, Relatively Low 16                                |                                                                                                                                                                                                                                      |
| Ice Storm            | 18 of 18                  | 69.5                                        | 83.2   | 94.3 | Relatively High 2, Relatively Moderate 16                               | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Inland<br>Flooding   | 18 of 18                  | 32.6                                        | 77.3   | 97.3 | Very High 1, Relatively High 7, Relatively Moderate 7, Relatively Low 3 |                                                                                                                                                                                                                                      |
| Landslide            | 18 of 18                  | 27.9                                        | 90.1   | 96.4 | Relatively Moderate 2, Relatively Low 12, Very Low 4                    |                                                                                                                                                                                                                                      |
| Lightning            | 18 of 18                  | 75.4                                        | 89.5   | 95.7 | Relatively High 16, Relatively Moderate 2                               | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Strong Wind          | 18 of 18                  | 36.6                                        | 56.0   | 64.3 | Relatively Moderate 10, Relatively Low 8                                | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |
| Tornado              | 18 of 18                  | 39.7                                        | 50.7   | 62.1 | Relatively Moderate 5, Relatively Low 13                                |                                                                                                                                                                                                                                      |
| Tsunami              | 0 of 18                   |                                             |        |      | Not Applicable 18                                                       |                                                                                                                                                                                                                                      |
| Volcanic<br>Activity | 0 of 18                   |                                             |        |      | Not Applicable 18                                                       |                                                                                                                                                                                                                                      |
| Wildfire             | 18 of 18                  | 24.4                                        | 58.1   | 78.7 | Relatively Low 2, Very Low 16                                           |                                                                                                                                                                                                                                      |
| Winter<br>Weather    | 18 of 18                  | 49.1                                        | 63.0   | 72.2 | Relatively Moderate 18                                                  | National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally. |

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

#### SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)

### Per-member block (Starter, confirm locally)

| Member            | Type | Plan status                  | Repetitive loss<br><i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i> | Public Assistance matched<br><i>federal share obligated, nominal dollars</i> | Event records naming this place<br><i>all years; since the member's plan</i> | Notes                                                                                |
|-------------------|------|------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Keene city        | City | Approved, expires 2030-09-08 | FMA RL 1, SRL 1; any 15                                                              | \$1,950,074                                                                  | 55; 2                                                                        | Includes \$176,465.59 for declarations not counted as hazard incidents (DR-4516-NH). |
| Alstead town      | Town | Approved, expires 2030-01-27 | FMA RL 0, SRL 0; any 0                                                               | \$1,499,835.34                                                               | 18; 0                                                                        |                                                                                      |
| Chesterfield town | Town | Approved, expires 2027-01-13 | FMA RL 0, SRL 0; any 0                                                               | \$446,876.89                                                                 | 13; 4                                                                        |                                                                                      |
| Dublin town       | Town | Approved, expires 2027-01-24 | FMA RL 0, SRL 0; any 0                                                               | \$7,464.42                                                                   | 15; 5                                                                        |                                                                                      |
| Fitzwilliam town  | Town | Approved, expires 2031-04-15 | FMA RL 0, SRL 0; any 0                                                               | \$229,704.17                                                                 | 12; 0                                                                        | Includes \$23,514.46 for declarations not counted as hazard incidents (DR-4516-NH).  |
| Gilsum town       | Town | Approved, expires 2031-04-12 | FMA RL 0, SRL 0; any 2                                                               | \$899,204.60                                                                 | 16; 1                                                                        |                                                                                      |
| Harrisville town  | Town | Approved, expires 2029-07-17 | FMA RL 0, SRL 0; any 0                                                               | \$171,925.84                                                                 | 9; 1                                                                         |                                                                                      |
| Hinsdale town     | Town | Approved, expires 2027-01-10 | FMA RL 0, SRL 0; any 0                                                               | \$243,718.53                                                                 | 20; 3                                                                        |                                                                                      |
| Jaffrey town      | Town | Approved, expires 2031-01-20 | FMA RL 0, SRL 0; any 0                                                               | \$1,849,595.89                                                               | 18; 0                                                                        | Includes \$5,160.51 for declarations not counted as hazard incidents (DR-4516-NH).   |
| Marlborough town  | Town | Approved, expires 2027-01-13 | FMA RL 0, SRL 0; any 0                                                               | \$152,297.82                                                                 | 8; 1                                                                         |                                                                                      |
| Marlow town       | Town | Approved, expires 2029-10-27 | FMA RL 0, SRL 0; any 1                                                               | \$160,473.03                                                                 | 12; 0                                                                        |                                                                                      |
| Nelson town       | Town | Approved, expires 2030-07-28 | FMA RL 0, SRL 0; any 0                                                               | \$155,056.77                                                                 | 11; 0                                                                        | Includes \$10,476.92 for declarations not counted as hazard incidents (DR-4516-NH).  |
| Richmond town     | Town | Approved, expires 2027-05-10 | FMA RL 0, SRL 0; any 0                                                               | \$105,555.13                                                                 | 9; 1                                                                         |                                                                                      |
| Rindge town       | Town | Approved, expires 2030-04-15 | FMA RL 0, SRL 0; any 0                                                               | \$649,338.57                                                                 | 18; 0                                                                        | Includes \$106,170.58 for declarations not counted as hazard incidents (DR-4516-NH). |
| Roxbury town      | Town | Approved, expires 2030-11-30 | FMA RL 0, SRL 0; any 0                                                               | \$184,998.83                                                                 | 0; 0                                                                         |                                                                                      |
| Stoddard town     | Town | Approved, expires 2030-07-09 | FMA RL 0, SRL 0; any 0                                                               | \$166,244.80                                                                 | 11; 0                                                                        | Includes \$6,446.78 for declarations not counted as hazard incidents (DR-4516-NH).   |
| Sullivan town     | Town | Approved, expires 2029-10-09 | FMA RL 0, SRL 0; any 0                                                               | \$479,716.08                                                                 | 7; 0                                                                         |                                                                                      |

| Member            | Type | Plan status                  | Repetitive loss                                            | Public Assistance matched                | Event records naming this place    | Notes |
|-------------------|------|------------------------------|------------------------------------------------------------|------------------------------------------|------------------------------------|-------|
|                   |      |                              | FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition | federal share obligated, nominal dollars | all years; since the member's plan |       |
| Surry town        | Town | Approved, expires 2027-01-27 | FMA RL 0, SRL 0; any 0                                     | \$588,296.90                             | 12; 1                              |       |
| Swansey town      | Town | Approved, expires 2027-03-23 | FMA RL 0, SRL 0; any 0                                     | \$1,139,976.03                           | 37; 3                              |       |
| Troy town         | Town | Expired on 2024-08-26        | FMA RL 0, SRL 0; any 0                                     | \$46,166.63                              | 15; 10                             |       |
| Walpole town      | Town | Approved, expires 2030-07-09 | FMA RL 0, SRL 0; any 0                                     | \$1,119,916.48                           | 42; 1                              |       |
| Westmoreland town | Town | Approved, expires 2027-07-17 | FMA RL 0, SRL 0; any 0                                     | \$1,211,595.53                           | 24; 1                              |       |
| Winchester town   | Town | Approved, expires 2030-09-18 | FMA RL 0, SRL 0; any 0                                     | \$361,554.30                             | 29; 0                              |       |

Member rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each member row, while the county table counts only its part in this county.

School districts and special districts get a plan clock row only.

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)  
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)  
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)  
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

No county-level plan row in FEMA data, so there is no approval date to count from.

- Critical facilities and lifelines per hazard
  - A problem statement per participant per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
  - Future assets

## County-level starter: exposure, expected annual loss and damage since the plan

| Hazard            | Building exposure<br><i>modeled dollars</i> | Agriculture exposure<br><i>modeled dollars</i> | Population exposed<br><i>people</i> | EAL buildings<br><i>modeled dollars per year</i> | EAL agriculture<br><i>modeled dollars per year</i> | EAL population equivalence<br><i>statistical value of life and injury, \$13.7M per life, not property damage</i> | EAL as % of exposure<br><i>buildings; agriculture where noted</i> | Storm Events damage since plan<br><i>county-coded records, property plus crops, nominal dollars</i> | Zone-level damage since plan<br><i>property plus crops, reported for the zone</i> | Public Assistance since plan<br><i>nominal dollars; see note</i> | Note                                                                                                                                                                                                 |
|-------------------|---------------------------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avalanche         | \$60,331                                    |                                                | under 1                             | under \$1                                        |                                                    | \$246                                                                                                            | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Coastal Flooding  |                                             |                                                |                                     |                                                  |                                                    |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | Not Applicable in NRI for this county                                                                                                                                                                |
| Cold Wave         | \$14,862,229,389                            | \$18,757,040                                   | 76,445                              | \$134                                            | \$2,653                                            | \$1,273,986                                                                                                      | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Drought           |                                             | \$0                                            |                                     |                                                  | \$0                                                |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | agriculture exposure is 0 in NRI                                                                                                                                                                     |
| Earthquake        | \$26,345,904,971                            |                                                | 76,458                              | \$427,040                                        |                                                    | \$94,870                                                                                                         | 0.00162%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Hail              | \$14,862,229,389                            | \$18,757,040                                   | 76,445                              | \$6,437                                          | \$3,324                                            | \$142,610                                                                                                        | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Heat Wave         | \$14,862,229,389                            | \$18,757,040                                   | 76,445                              | under \$1                                        | \$7,328                                            | \$505,567                                                                                                        | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Hurricane         | \$14,860,305,299                            | \$18,757,040                                   | 76,437                              | \$1,351,847                                      | \$40,663                                           | \$64,920                                                                                                         | 0.0091%                                                           |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Ice Storm         | \$14,862,215,203                            |                                                | 76,445                              | \$426,231                                        |                                                    | \$11,800                                                                                                         | 0.00287%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Inland Flooding   | \$14,793,537,732                            | \$3,114,211                                    | 3,166                               | \$19,802,972                                     | \$21,570                                           | \$494,406                                                                                                        | n/a (see note)                                                    |                                                                                                     |                                                                                   |                                                                  | NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a. |
| Landslide         | \$688,014,868                               |                                                | 3,931                               | \$9,961                                          |                                                    | \$9,085                                                                                                          | 0.00145%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Lightning         | \$14,862,229,389                            |                                                | 76,445                              | \$28,860                                         |                                                    | \$831,786                                                                                                        | 0.000194%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Strong Wind       | \$14,862,229,389                            | \$18,757,040                                   | 76,445                              | \$138,003                                        | \$884                                              | \$230,671                                                                                                        | 0.000929%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Tornado           | \$14,862,229,389                            | \$18,757,040                                   | 76,445                              | \$507,435                                        | \$263                                              | \$758,432                                                                                                        | 0.00341%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Tsunami           |                                             |                                                |                                     |                                                  |                                                    |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | Not Applicable in NRI for this county                                                                                                                                                                |
| Volcanic Activity |                                             |                                                |                                     |                                                  |                                                    |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | Not Applicable in NRI for this county                                                                                                                                                                |
| Wildfire          | \$2,200,009,591                             | \$4,667,223                                    | 14,494                              | \$11,239                                         | \$2                                                | \$1,695                                                                                                          | 0.000511%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Winter Weather    | \$14,862,229,389                            | \$18,757,040                                   | 76,445                              | \$29,989                                         | \$7                                                | \$53,392                                                                                                         | 0.000202%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |

Totals since the plan: not available. No county-level plan row in FEMA data, so there is no approval date to count from.

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

FEMA does not split Public Assistance by hazard. A declaration mapped to several hazards is listed under each of them with its full amount, so the per-hazard column must not be added up; the unit total counts each declaration once.

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

**SOURCES**  
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)  
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>  
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>  
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)  
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)  
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

## Supports B2-a: context

### County context

| Measure                                                                                                                                                                       | Value            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Population                                                                                                                                                                    | 76,445           |
| Building value (total, not at risk)                                                                                                                                           | \$14,862,229,389 |
| Agriculture value (total, not at risk)                                                                                                                                        | \$18,757,040     |
| NRI risk rating (all hazards)                                                                                                                                                 | Relatively Low   |
| Expected annual loss, buildings and agriculture, all hazards                                                                                                                  | \$22,816,843     |
| Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage) | \$4,473,466      |
| Social vulnerability rating                                                                                                                                                   | Very Low         |
| Community resilience rating                                                                                                                                                   | Relatively High  |
| NRI version                                                                                                                                                                   | December 2025    |

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

**SOURCE**  
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)

## Supports B2-c: repetitive loss

### Repetitive loss in this county, both definitions

| Definition                                    | Properties | Severe repetitive loss                               | Properties |
|-----------------------------------------------|------------|------------------------------------------------------|------------|
| Repetitive loss, FMA definition (44 CFR 77.2) | 1          | Severe repetitive loss, FMA definition (44 CFR 77.2) | 1          |
| Repetitive loss, NFIP insurance definition    | 17         | Severe repetitive loss, NFIP insurance definition    | 0          |

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

**SOURCES**  
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)  
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

**Repeat-flood properties: county total and NFIP communities**

| Scope           | RL, FMA<br><i>properties</i> | SRL, FMA<br><i>properties</i> | RL, NFIP<br><i>properties</i> | SRL, NFIP<br><i>properties</i> | Any category<br><i>properties</i> | Mitigated<br><i>properties</i> | Currently insured<br><i>properties</i> |
|-----------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|----------------------------------------|
| County total    | 1                            | 1                             | 17                            | 0                              | 18                                | 1                              | 4                                      |
| GILSUM, TOWN OF | 0                            | 0                             | 2                             | 0                              | 2                                 | 0                              | 1                                      |
| KEENE, CITY OF  | 1                            | 1                             | 14                            | 0                              | 15                                | 1                              | 3                                      |
| MARLOW, TOWN OF | 0                            | 0                             | 1                             | 0                              | 1                                 | 0                              | 0                                      |

**SOURCES**FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties by plan member (NFIP community)**

| Member            | NFIP community ID | RL, FMA<br><i>properties</i> | SRL, FMA<br><i>properties</i> | RL, NFIP<br><i>properties</i> | SRL, NFIP<br><i>properties</i> | Any category<br><i>properties</i> | Mitigated<br><i>properties</i> | Currently insured<br><i>properties</i> | Note |
|-------------------|-------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|----------------------------------------|------|
| Keene city        | 330023            | 1                            | 1                             | 14                            | 0                              | 15                                | 1                              | 3                                      |      |
| Alstead town      | 330020            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Chesterfield town | 330183            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Dublin town       | 330243            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Fitzwilliam town  | 330207            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Gilsum town       | 330021            | 0                            | 0                             | 2                             | 0                              | 2                                 | 0                              | 1                                      |      |
| Harrisville town  | 330212            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Hinsdale town     | 330022            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Jaffrey town      | 330215            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Marlborough town  | 330024            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Marlow town       | 330025            | 0                            | 0                             | 1                             | 0                              | 1                                 | 0                              | 0                                      |      |
| Nelson town       | 330244            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Richmond town     | 330188            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Rindge town       | 330189            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Roxbury town      | 330172            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Stoddard town     | 330195            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Sullivan town     | 330233            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Surry town        | 330170            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Swanzy town       | 330026            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Troy town         | 330173            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Walpole town      | 330027            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Westmoreland town | 330238            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Winchester town   | 330028            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |

Per-member types: XLSX sheet 'B2-c Members'.

Member rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each member row, while the county table counts only its part in this county.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)  
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

County repeat-flood properties by occupancy group

| Occupancy group           | RL, FMA<br><i>properties</i> | SRL, FMA<br><i>properties</i> | RL, NFIP<br><i>properties</i> | SRL, NFIP<br><i>properties</i> | Any category<br><i>properties</i> | Mitigated<br><i>properties</i> | Currently insured<br><i>properties</i> |
|---------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|----------------------------------------|
| single-family residential | 0                            | 0                             | 6                             | 0                              | 6                                 | 0                              | 2                                      |
| 2 to 4 unit residential   | 0                            | 0                             | 6                             | 0                              | 6                                 | 0                              | 1                                      |
| other residential         | 0                            | 0                             | 2                             | 0                              | 2                                 | 0                              | 0                                      |
| non-residential           | 1                            | 1                             | 3                             | 0                              | 4                                 | 1                              | 1                                      |
| not reported              | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)  
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (as of 2026-08-02). No property is identified. County assignment is FEMA's geocode.

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 1 property is FMA repetitive loss but not NFIP repetitive loss, and 17 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_Counties.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip) (download, 25 MB), [https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI\\_Table\\_CensusTracts.zip](https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip) (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024\\_Gazetteer/2024\\_Gaz\\_counties\\_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024\\_Gaz\\_cousubs\\_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024\\_Gaz\\_place\\_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024\\_Gaz\\_unsd\\_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024\\_Gaz\\_elsd\\_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024\\_Gaz\\_scsd\\_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), [https://www2.census.gov/geo/docs/reference/codes2020/national\\_place\\_by\\_county2020.txt](https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt), [https://www2.census.gov/geo/docs/reference/ct\\_change/ct\\_cou\\_to\\_cousub\\_crosswalk.xlsx](https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx)

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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain\_2026-10\_NH\_33005. Preview: automated baseline.