

# Providence County, RI

## Risk-assessment baseline packet

Unit **County area 44007**    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

This product uses the Federal Emergency Management Agency's OpenFEMA API, but is not endorsed by FEMA. The Federal Government or FEMA cannot vouch for the data or analyses derived from these data after the data have been retrieved from the Agency's website(s).

## 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: 16 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 |
|-----------------------|------|------------------------------|--------------------------------------------------------------------------------------------------------------------|------------|------------|-------------------------------------------------------|-------------------------------------|-------|
| Central Falls city    | City | Approved, expires 2030-05-26 | Cities of Pawtucket and Central Falls Multi-Jurisdiction Hazard Mitigation Plan Update (FEMA plan 110397)          | 2025-05-27 | 2030-05-26 | 1,336                                                 |                                     |       |
| Cranston city         | City | Approved, expires 2028-04-16 | 2022 Hazard Mitigation Plan Update, City of Cranston, Rhode Island (FEMA plan 108760)                              | 2023-04-17 | 2028-04-16 | 566                                                   |                                     |       |
| East Providence city  | City | Approved, expires 2027-08-28 | City of East Providence, Rhode Island Local Hazard Mitigation Plan 2022 (FEMA plan 108328)                         | 2022-08-29 | 2027-08-28 | 334                                                   |                                     |       |
| Pawtucket city        | City | Approved, expires 2030-05-26 | Cities of Pawtucket and Central Falls Multi-Jurisdiction Hazard Mitigation Plan Update (FEMA plan 110397)          | 2025-05-27 | 2030-05-26 | 1,336                                                 |                                     |       |
| Providence city       | City | Approved, expires 2030-02-02 | City of Providence, Rhode Island Local Hazard Mitigation Plan 2024 Update (FEMA plan 110196)                       | 2025-02-03 | 2030-02-02 | 1,223                                                 |                                     |       |
| Woonsocket city       | City | Approved, expires 2030-06-10 | 2025 Hazard Mitigation and Flood Management Plan Update, City of Woonsocket, Rhode Island (FEMA plan 110602)       | 2025-06-11 | 2030-06-10 | 1,351                                                 |                                     |       |
| Burrillville town     | Town | Expired on 2026-05-23        | Town of Burrillville Rhode Island Hazard Mitigation Plan 2020 Update (FEMA plan 106947)                            | 2021-05-24 | 2026-05-23 | -128                                                  |                                     |       |
| Cumberland town       | Town | Approved, expires 2029-06-10 | Cumberland, Rhode Island Hazard Mitigation Plan 2023 (FEMA plan 109680)                                            | 2024-06-11 | 2029-06-10 | 986                                                   |                                     |       |
| Foster town           | Town | Approved, expires 2029-11-12 | Town of Foster, Rhode Island 2024 Hazard Mitigation and Floodplain Management Plan Update (FEMA plan 110194)       | 2024-11-13 | 2029-11-12 | 1,141                                                 |                                     |       |
| Glocester town        | Town | Approved, expires 2030-06-16 | 2024 Strategy for Reducing Risks from Natural Hazards, Town of Glocester, Rhode Island (FEMA plan 110497)          | 2025-06-17 | 2030-06-16 | 1,357                                                 |                                     |       |
| Johnston town         | Town | Expired on 2026-06-16        | Hazard Mitigation Plan Johnston, Rhode Island (FEMA plan 107295)                                                   | 2021-06-17 | 2026-06-16 | -104                                                  | FEMA tracker shows a plan in review |       |
| Lincoln town          | Town | Approved, expires 2027-05-18 | 2022 Hazard Mitigation Plan Update, Town of Lincoln, Rhode Island (FEMA plan 108267)                               | 2022-05-19 | 2027-05-18 | 232                                                   |                                     |       |
| North Providence town | Town | Approved, expires 2030-08-19 | North Providence, RI Hazard Mitigation Plan 2024 Update (FEMA plan 110652)                                         | 2025-08-20 | 2030-08-19 | 1,421                                                 |                                     |       |
| North Smithfield town | Town | Approved, expires 2030-05-28 | 2025 Hazard Mitigation and Flood Management Plan Update, Town of North Smithfield, Rhode Island (FEMA plan 110411) | 2025-05-29 | 2030-05-28 | 1,338                                                 |                                     |       |
| Scituate town         | Town | Approved, expires 2030-02-10 | Town of Scituate 2025 Hazard Mitigation & Flood Managment Plan (FEMA plan 110464)                                  | 2025-02-11 | 2030-02-10 | 1,231                                                 |                                     |       |

|                 |      |                              |                                                                            |            |            |  | Days to expiry<br><i>negative = days since expiry</i> | Update underway | Notes |
|-----------------|------|------------------------------|----------------------------------------------------------------------------|------------|------------|--|-------------------------------------------------------|-----------------|-------|
| Jurisdiction    | Type | Status                       | Plan                                                                       | Approved   | Expires    |  |                                                       |                 |       |
| Smithfield town | Town | Approved, expires 2031-03-31 | Town of Smithfield, Rhode Island Hazard Mitigation Plan (FEMA plan 111346) | 2026-04-01 | 2031-03-31 |  | 1,645                                                 |                 |       |

**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 High     | Relatively High     | \$93,307,181                                     | \$76                                               | \$13,867                                                                                                         | \$93,321,124                                            | 158                                             |                                                                                                             |                                                                                                            |
| 2           | Hurricane       | Relatively Moderate | Relatively High     | \$8,966,568                                      | \$117,254                                          | \$393,864                                                                                                        | \$9,477,685                                             | 4                                               |                                                                                                             |                                                                                                            |
| 3           | Heat Wave       | Relatively High     | Relatively Moderate | \$29                                             | \$2,220                                            | \$8,827,326                                                                                                      | \$8,829,575                                             | 8                                               |                                                                                                             |                                                                                                            |
| 4           | Cold Wave       | Relatively High     | Relatively High     | \$550                                            | \$1,609                                            | \$6,906,040                                                                                                      | \$6,908,198                                             | 2                                               |                                                                                                             |                                                                                                            |
| 5           | Earthquake      | Relatively Low      | Relatively Moderate | \$3,485,392                                      |                                                    | \$927,759                                                                                                        | \$4,413,150                                             |                                                 |                                                                                                             | Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk. |
| 6           | Tornado         | Relatively Moderate | Relatively Moderate | \$2,616,806                                      | \$216                                              | \$684,427                                                                                                        | \$3,301,449                                             | 7                                               |                                                                                                             |                                                                                                            |
| 7           | Lightning       | Relatively High     | Relatively High     | \$70,557                                         |                                                    | \$940,452                                                                                                        | \$1,011,009                                             | 28                                              |                                                                                                             |                                                                                                            |
| 8           | Ice Storm       | Relatively High     | Relatively High     | \$264,385                                        |                                                    | \$396,563                                                                                                        | \$660,948                                               | 0                                               |                                                                                                             | No recorded events in Storm Events since 1996 (data through 2026-06-30).                                   |
| 9           | Hail            | Relatively Moderate | Relatively Low      | \$618,579                                        | \$79                                               | \$16,892                                                                                                         | \$635,550                                               | 55                                              |                                                                                                             |                                                                                                            |

| 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                                                                                                                                     |
|-------------|-------------------|---------------------|---------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10          | Strong Wind       | Relatively Moderate | Relatively Moderate | \$133,890                                        | \$129                                              | \$419,321                                                                                                        | \$553,340                                               | 293                                             |                                                                                                                  | Includes 50 High Wind records and 94 Strong Wind records, event types the NRI definition of this hazard leaves out.                                            |
| 11          | Coastal Flooding  | Relatively Low      | Relatively Low      | \$269,828                                        |                                                    | \$35,587                                                                                                         | \$305,415                                               | 4                                               |                                                                                                                  |                                                                                                                                                                |
| 12          | Winter Weather    | Relatively Low      | Relatively Low      | \$23,194                                         | \$6                                                | \$13,997                                                                                                         | \$37,198                                                | 129                                             |                                                                                                                  |                                                                                                                                                                |
| 13          | Drought           | Relatively Low      | Relatively Low      |                                                  | \$36,437                                           |                                                                                                                  | \$36,437                                                | 6                                               |                                                                                                                  |                                                                                                                                                                |
| 14          | Wildfire          | Very Low            | Very Low            | \$12,048                                         | \$1                                                | \$2,338                                                                                                          | \$14,387                                                | 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. |
| 15          | Landslide         | Relatively Low      | Very Low            | \$7,023                                          |                                                    | \$1,036                                                                                                          | \$8,059                                                 | 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. |
|             | Avalanche         | Not Applicable      | Not Applicable      |                                                  |                                                    |                                                                                                                  |                                                         | 0                                               | NRI rates avalanche 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           | Insufficient Data   | Insufficient Data   |                                                  |                                                    |                                                                                                                  |                                                         | 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. |
|             | 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.                                                                        | 0 of 145                                          |
| Coastal 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. | 44 of 145                                         |
| Cold Wave         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |
| Drought           | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 13 of 145                                         |
| 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.                                                                        | 145 of 145                                        |
| Hail              | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |
| Heat Wave         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |
| 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.                                                                        | 145 of 145                                        |
| Ice Storm         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |
| 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. | 145 of 145                                        |
| 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.                                                                        | 142 of 145                                        |
| Lightning         | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |
| Strong Wind       | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |
| 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.                                                                        | 145 of 145                                        |
| 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 145                                          |
| 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 145                                          |
| 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.                                                                        | 100 of 145                                        |
| Winter Weather    | Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.                                                                                           | 145 of 145                                        |

**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. |

| Hazard                                          | Scale                          | Records<br><i>count, years</i> | Observed range                                                | Worst recorded event                                                                                                                                                                        | Most damaging<br>(when different)                             | How it applies to members                                                                                                                                                                                                                                                                                                                                                       | Note                                                                                                                                                                                |
|-------------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coastal Flood, Storm Surge/Tide                 | none in data (FIRM for depth)  | 4, 2007 to 2023 (4 zone-level) |                                                               | Coastal Flood, 2007-04-16, \$5,000 property; \$0 crops, reported for the zone (2007 dollars); NWS zone RIZ002 (SOUTHEAST PROVIDENCE), zone-level: may include parts of neighboring counties |                                                               | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                             | Flood depth: see the FEMA Flood Insurance Rate Map.                                                                                                                                 |
| Cold/Wind Chill, Extreme Cold/Wind Chill        | wind chill                     | 2, 2015 to 2016 (2 zone-level) | 1 day; 2 with a recorded value                                | 1 consecutive day, 2016-02-14, 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                    | 0                              |                                                               |                                                                                                                                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                 | Temperature: in event narratives only; local data required.                                                                                                                         |
| Drought                                         | US Drought Monitor D-scale     | 6, 2012 to 2016 (6 zone-level) | 13 days to 121 days (median 67 days); 2 with a recorded value | 121 days (about 4.0 months), 2016-08-02 to 2016-11-30, a run of 5 consecutive Storm Events drought records, zone-level                                                                      |                                                               | 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)             | 63, 1965 to 2025               | 0.75 in to 2 in (median 0.88 in); 63 with a recorded value    | 2 in hail, 2012-07-18                                                                                                                                                                       | Hail, 2008-06-24, \$20,000 property; \$0 crops (2008 dollars) | Event records naming member places: Cranston city (6 records), Johnston town (5 records), Scituate town (5 records), Pawtucket city (4 records), North Smithfield town (3 records), Smithfield town (3 records), Woonsocket city (3 records), Cumberland town (2 records), Foster town (2 records), Burrillville town (1 record); and 3 more member places (see the XLSX file). |                                                                                                                                                                                     |
| Excessive Heat, Heat                            | heat index (narratives)        | 8, 1998 to 2013 (8 zone-level) | 1 day to 2 days (median 1 day); 5 with a recorded value       | 2 consecutive days, 2008-06-09 to 2008-06-10, 2 direct deaths, zone-level                                                                                                                   |                                                               | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                             | Heat index: in event narratives only; local data required. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run. |

| 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                                                                                          | 4, 2008 to<br>2021 (4 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, 2021-08-22,<br>\$80,000 property; \$0<br>crops, reported for the<br>zone (2021 dollars); NWS<br>zone RIZ001<br>(NORTHWEST<br>PROVIDENCE), zone-<br>level: 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)                                                                            | 0                                        |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 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)                                                         | 158, 1996 to<br>2024 (12 zone-<br>level) |                                                                                                | Flood, 2010-03-29,<br>\$26,640,000 property; \$0<br>crops (2010 dollars)                                                                                                                                                                                                                                                                                               |                                                                                                                   | Event records naming member places: Cranston city (26<br>records), North Providence town (10 records), Pawtucket city<br>(10 records), Central Falls city (7 records), Smithfield town (3<br>records), Woonsocket city (3 records), Cumberland town (2<br>records), East Providence city (2 records), Glocester town (2<br>records), Johnston town (2 records); and 3 more member<br>places (see the XLSX file). Zone-level records (12) apply<br>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) | 28, 2000 to<br>2025                      |                                                                                                | Lightning, 2012-06-25,<br>\$150,000 property; \$0<br>crops (2012 dollars)                                                                                                                                                                                                                                                                                              |                                                                                                                   | Event records naming member places: Smithfield town (4<br>records), Foster town (3 records), Burrillville town (2 records),<br>Cranston city (2 records), Johnston town (2 records), Lincoln<br>town (2 records), Providence city (2 records), Central Falls<br>city (1 record), Scituate 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.                                                                                                                                                     |
| High Wind and<br>Strong Wind<br>(outside NRI<br>Strong Wind<br>definition) | wind speed (kt<br>and mph)                                                                              | 144, 1996 to<br>2025 (144<br>zone-level) | 30 kt (35 mph) to 61<br>kt (70 mph) (median<br>47.5 kt (55 mph)); 106<br>with a recorded value | 61 kt (70 mph),<br>measurement type not<br>recorded, High Wind,<br>1996-07-13; NWS zone<br>RIZ002 (SOUTHEAST<br>PROVIDENCE), zone-<br>level: may include parts of<br>neighboring counties                                                                                                                                                                              | High Wind,<br>2006-01-21, \$50,000<br>property; crops not<br>reported, reported for<br>the zone (2006<br>dollars) | Zone-level records: applies countywide; national data do not<br>locate these events within the county.                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                            |

| Hazard                                                                      | Scale                                   | Records<br><i>count, years</i>     | Observed range                                                                      | Worst recorded event                                                                                                                                                                                                                                   | Most damaging<br>(when different)                                                    | How it applies to members                                                                                                                                                                                                                                                                                                                                                         | Note                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|-----------------------------------------|------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thunderstorm Wind                                                           | wind speed (kt and mph)                 | 175, 1957 to 2025                  | 40 kt (46 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 152 with a recorded value | 70 kt (81 mph) estimated, Thunderstorm Wind, 2000-08-10                                                                                                                                                                                                | Thunderstorm Wind, 2004-08-21, \$500,000 property; crops not reported (2004 dollars) | Event records naming member places: Scituate town (21 records), North Providence town (8 records), Burrillville town (7 records), Foster town (7 records), Cumberland town (6 records), Johnston town (6 records), Woonsocket city (6 records), Cranston city (5 records), Glocester town (5 records), Smithfield town (5 records); and 4 more member places (see the XLSX file). |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tornado                                                                     | Enhanced Fujita (F before Feb 2007)     | 12, 1985 to 2024                   | F/EF0 to F/EF2 (median F/EF1); 12 with a recorded value                             | F2 tornado, 1986-08-07, 4 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 1,000 yd wide, \$2,500,000 property; crops not recorded (1986 dollars), 20 direct injuries |                                                                                      | Event records naming member places: Foster town (1 record), Glocester town (1 record), North Providence 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.                                                                                                                                                                                                                                                                                                                                                                  |
| Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet | none in data (snowfall local)           | 129, 1996 to 2026 (129 zone-level) |                                                                                     | Heavy Snow, 2001-03-05, \$10,000,000 property; crops not reported, reported for the zone (2001 dollars); NWS zone RIZ001 (NORTHWEST PROVIDENCE), zone-level: may include parts of neighboring counties                                                 |                                                                                      | Zone-level records: applies countywide; national data do not locate these events within the county.                                                                                                                                                                                                                                                                               | Snow depth: in event narratives only; local 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 rows25

Counted incidents18

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 began | FEMA number | Type           | Title                                  | Mapped hazard            | County Public Assistance<br><i>federal share obligated, nominal dollars</i> | Flags               | Notes                                                                                                                       |
|------------|----------------|-------------|----------------|----------------------------------------|--------------------------|-----------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 2024-03-20 | 2024-01-09     | DR-4766-RI  | Major disaster | SEVERE STORMS AND FLOODING             | Inland Flooding          | \$655,016.87                                                                | within last 5 years | FEMA's declaration record does not list Public Assistance, but FEMA's PA project summaries show obligations for this county |
| 2024-03-20 | 2023-12-17     | DR-4765-RI  | Major disaster | SEVERE STORM AND FLOODING              | Inland Flooding          | PA not declared for this county                                             | within last 5 years |                                                                                                                             |
| 2024-01-07 | 2023-09-10     | DR-4753-RI  | Major disaster | SEVERE STORMS, FLOODING, AND TORNADOES | Inland Flooding; Tornado | PA not declared for this county                                             | within last 5 years |                                                                                                                             |
| 2022-05-12 | 2022-01-28     | DR-4653-RI  | Major disaster | SEVERE WINTER STORM AND SNOWSTORM      | Winter Weather           | \$3,376,744.22                                                              | within last 5 years |                                                                                                                             |
| 2021-08-21 | 2021-08-20     | EM-3563-RI  | Emergency      | HURRICANE HENRI                        | Hurricane                | none found                                                                  |                     |                                                                                                                             |
| 2020-03-30 | 2020-01-20     | DR-4505-RI  | Major disaster | COVID-19 PANDEMIC                      | Non-natural, not counted | \$604,013,184.83                                                            |                     |                                                                                                                             |
| 2020-03-13 | 2020-01-20     | EM-3440-RI  | Emergency      | COVID-19                               | Non-natural, not counted | none found                                                                  |                     | same incident as DR-4505                                                                                                    |
| 2015-04-03 | 2015-01-26     | DR-4212-RI  | Major disaster | SEVERE WINTER STORM AND SNOWSTORM      | Winter Weather           | \$3,425,106.61                                                              |                     |                                                                                                                             |
| 2013-03-22 | 2013-02-08     | DR-4107-RI  | Major disaster | SEVERE WINTER STORM AND SNOWSTORM      | Winter Weather           | \$2,798,921.88                                                              |                     |                                                                                                                             |
| 2012-10-29 | 2012-10-26     | EM-3355-RI  | Emergency      | HURRICANE SANDY                        | Hurricane                | none found                                                                  |                     |                                                                                                                             |
| 2011-09-03 | 2011-08-27     | DR-4027-RI  | Major disaster | TROPICAL STORM IRENE                   | Hurricane                | \$5,106,018.88                                                              |                     |                                                                                                                             |
| 2011-08-27 | 2011-08-26     | EM-3334-RI  | Emergency      | HURRICANE IRENE                        | Hurricane                | none found                                                                  |                     | same incident as DR-4027                                                                                                    |
| 2010-03-30 | 2010-03-12     | EM-3311-RI  | Emergency      | SEVERE STORMS AND FLOODING             | Inland Flooding          | none found                                                                  |                     | same incident as DR-1894                                                                                                    |
| 2010-03-29 | 2010-03-12     | DR-1894-RI  | Major disaster | SEVERE STORMS AND FLOODING             | Inland Flooding          | \$6,527,418.67                                                              |                     |                                                                                                                             |

| Declared   | Incident began | FEMA number | Type           | Title                                   | Mapped hazard                                                        | County Public Assistance                        | Flags | Notes |
|------------|----------------|-------------|----------------|-----------------------------------------|----------------------------------------------------------------------|-------------------------------------------------|-------|-------|
|            |                |             |                |                                         |                                                                      | <i>federal share obligated, nominal dollars</i> |       |       |
| 2005-09-19 | 2005-08-29     | EM-3255-RI  | Emergency      | HURRICANE KATRINA EVACUATION            | Hurricane: evacuation support, not a local hazard event; not counted | \$15,481.67                                     |       |       |
| 2005-02-17 | 2005-01-22     | EM-3203-RI  | Emergency      | RECORD SNOW                             | Winter Weather                                                       | \$2,116,232.71                                  |       |       |
| 2003-03-27 | 2003-02-17     | EM-3182-RI  | Emergency      | SNOW                                    | Winter Weather                                                       | \$1,042,642.15                                  |       |       |
| 1996-11-19 | 1996-11-17     | EM-3123-RI  | Emergency      | MAJOR WATER MAIN BREAK                  | Non-natural, not counted                                             | none found                                      |       |       |
| 1996-01-24 | 1996-01-07     | DR-1091-RI  | Major disaster | BLIZZARD OF 96 (SEVERE SNOW STORM)      | Winter Weather                                                       | none found                                      |       |       |
| 1993-03-16 | 1993-03-13     | EM-3102-RI  | Emergency      | BLIZZARDS, HIGH WINDS & RECORD SNOWFALL | Winter Weather                                                       | none found                                      |       |       |
| 1992-09-16 | 1992-08-03     | EM-3094-RI  | Emergency      | WATER CONTAMINATION                     | Non-natural, not counted                                             | none found                                      |       |       |
| 1991-08-26 | 1991-08-19     | DR-913-RI   | Major disaster | HURRICANE BOB                           | Hurricane                                                            | none found                                      |       |       |
| 1985-10-15 | 1985-09-27     | DR-748-RI   | Major disaster | HURRICANE GLORIA                        | Hurricane                                                            | none found                                      |       |       |
| 1978-02-16 | 1978-02-16     | DR-548-RI   | Major disaster | SNOW & ICE                              | Winter Weather                                                       | PA not declared for this county                 |       |       |
| 1978-02-07 | 1978-02-07     | EM-3058-RI  | Emergency      | BLIZZARD & SNOWSTORMS                   | Winter Weather                                                       | 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 |
|------------|----------------|-------------|----------------|-------------------|-------------------------------------------------------|-------|-------|
| 1955-08-20 | 1955-08-20     | DR-39-RI    | Major disaster | HURRICANE & FLOOD | Hurricane (primary); also designated: Inland Flooding |       |       |
| 1954-09-02 | 1954-09-02     | DR-23-RI    | Major disaster | HURRICANES        | Hurricane (primary); also designated: Inland Flooding |       |       |

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)

### Public Assistance filed under this county for declarations that do not list it: 1 row, \$5,814.04

| FEMA number | Declared   | Title                                         | Applicant                                           | PA obligated                                    |
|-------------|------------|-----------------------------------------------|-----------------------------------------------------|-------------------------------------------------|
|             |            |                                               |                                                     | <i>federal share obligated, nominal dollars</i> |
| DR-1704-RI  | 2007-05-25 | SEVERE STORMS AND INLAND AND COASTAL FLOODING | Rhode Island Department of Environmental Management | \$5,814.04                                      |

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

#### SOURCES

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

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<br>records<br><i>full period</i> | Since plan<br>approval<br><i>records</i> | During plan<br>review<br><i>records</i> | Last 5<br>years<br><i>records</i> | Declared<br>incidents<br><i>distinct incidents</i> | Declared since<br>approval<br><i>distinct incidents</i> | Period                | Statement                                                                                                           |
|----------------------|-----------------------------------------------|------------------------------------------|-----------------------------------------|-----------------------------------|----------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Avalanche            | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Coastal<br>Flooding  | 4                                             |                                          |                                         | 2                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Cold Wave            | 2                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Drought              | 6                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Earthquake           | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         |                       | No Storm Events record; local data required (e.g., USGS).                                                           |
| Hail                 | 63                                            |                                          |                                         | 3                                 | 0                                                  |                                                         | 1955 to<br>2026-06-30 |                                                                                                                     |
| Heat Wave            | 8                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Hurricane            | 4                                             |                                          |                                         | 0                                 | 5                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Ice Storm            | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Inland<br>Flooding   | 158                                           |                                          |                                         | 50                                | 4                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Landslide            | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Lightning            | 28                                            |                                          |                                         | 3                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 |                                                                                                                     |
| Strong Wind          | 319                                           |                                          |                                         | 53                                | 0                                                  |                                                         | 1955 to<br>2026-06-30 | Includes 50 High Wind records and 94 Strong Wind records, event types the NRI definition of this hazard leaves out. |
| Tornado              | 12                                            |                                          |                                         | 5                                 | 1                                                  |                                                         | 1950 to<br>2026-06-30 |                                                                                                                     |
| Tsunami              | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Volcanic<br>Activity | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Wildfire             | 0                                             |                                          |                                         | 0                                 | 0                                                  |                                                         | 1996 to<br>2026-06-30 | No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events                                                      |
| Winter<br>Weather    | 129                                           |                                          |                                         | 8                                 | 9                                                  |                                                         | 1996 to<br>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**

| Date       | Event type                  | Magnitude or extent                                                                                                                                   | Damage<br><i>nominal dollars</i>                                                | Direct deaths,<br>injuries<br><i>indirect not counted</i> | Location                                                                                      | Flags | Why listed                                                                                       |
|------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------|
| 2021-08-22 | Tropical Storm              |                                                                                                                                                       | \$80,000 property; \$0 crops, reported for the zone (2021 dollars)              | 0, 0                                                      | NWS zone RIZ001 (NORTHWEST PROVIDENCE), zone-level: may include parts of neighboring counties |       | B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression                              |
| 2016-02-14 | Extreme Cold/<br>Wind Chill |                                                                                                                                                       | \$0 property; \$0 crops, reported for the zone (2016 dollars)                   | 0, 0                                                      | NWS zone RIZ002 (SOUTHEAST PROVIDENCE), zone-level: may include parts of neighboring counties |       | B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill                                    |
| 2013-07-20 | Heat                        |                                                                                                                                                       | \$0 property; \$0 crops, reported for the zone (2013 dollars)                   | 1, 0                                                      | NWS zone RIZ002 (SOUTHEAST PROVIDENCE), zone-level: may include parts of neighboring counties |       | deaths or injuries recorded                                                                      |
| 2012-07-18 | Hail                        | 2 in                                                                                                                                                  | \$0 property; \$0 crops (2012 dollars)                                          | 0, 0                                                      | CUMBERLAND HILL                                                                               |       | B1-c worst recorded: Hail                                                                        |
| 2012-06-25 | Lightning                   |                                                                                                                                                       | \$150,000 property; \$0 crops (2012 dollars)                                    | 0, 0                                                      | LIMEROCK                                                                                      |       | B1-c worst recorded: Lightning                                                                   |
| 2010-03-29 | Flood                       |                                                                                                                                                       | \$26,640,000 property; \$0 crops (2010 dollars)                                 | 0, 0                                                      | HOWARD to MOOSUP VLY                                                                          |       | B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood                                         |
| 2008-06-09 | Heat                        |                                                                                                                                                       | \$0 property; \$0 crops, reported for the zone (2008 dollars)                   | 2, 0                                                      | NWS zone RIZ002 (SOUTHEAST PROVIDENCE), zone-level: may include parts of neighboring counties |       | deaths or injuries recorded                                                                      |
| 2007-04-16 | Coastal Flood               |                                                                                                                                                       | \$5,000 property; \$0 crops, reported for the zone (2007 dollars)               | 0, 0                                                      | NWS zone RIZ002 (SOUTHEAST PROVIDENCE), zone-level: may include parts of neighboring counties |       | B1-c worst recorded: Coastal Flood, Storm Surge/Tide                                             |
| 2001-03-05 | Heavy Snow                  |                                                                                                                                                       | \$10,000,000 property; crops not reported, reported for the zone (2001 dollars) | 0, 0                                                      | NWS zone RIZ001 (NORTHWEST PROVIDENCE), zone-level: may include parts of neighboring counties |       | B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet |
| 2000-08-10 | Thunderstorm<br>Wind        | 70 kt (81 mph) estimated                                                                                                                              | \$15,000 property; crops not reported (2000 dollars)                            | 0, 0                                                      | WOONSOCKET                                                                                    |       | B1-c worst recorded: Thunderstorm Wind                                                           |
| 1996-07-13 | High Wind                   | 61 kt (70 mph), measurement type not recorded                                                                                                         | damage not reported                                                             | 0, 0                                                      | NWS zone RIZ002 (SOUTHEAST PROVIDENCE), zone-level: may include parts of neighboring counties |       | B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)              |
| 1986-08-07 | Tornado                     | F2, 4 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 1,000 yd wide | \$2,500,000 property; crops not recorded (1986 dollars)                         | 0, 20                                                     | location not recorded                                                                         |       | deaths or injuries recorded                                                                      |

The full list is in the **XLSX** file, sheet "B1-d Storm Events history" (733 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.

Tribal and special-area declarations in this state are listed on the state page.

## Supports B1-e: probability

### Probability: FEMA annualized frequency and descriptor per hazard

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|---------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avalanche           |                                                                     | events per year                               |                                                                                                           |                  |                                                            |                                                                                                                      | 1994 to 2023<br>(30 years)                          | see B1-f   | Not Applicable in NRI for this county; no descriptor.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Coastal<br>Flooding | 3.76                                                                | events per year<br>at a location<br>(modeled) | about 3.8 per year<br>at a given location<br>in the county                                                | Highly<br>likely | FEMA<br>annualized<br>frequency<br>(modeled)               | not shown                                                                                                            | modeled                                             | see B1-f   | Descriptor from NRI: the rate at a location is 1 or more a<br>year, so the county rate is at least that.                                                                                                                                                                                                                                                                                                                                                                                      |
| Cold Wave           | 1.29                                                                | event-days per<br>year                        | about 1.29 days<br>per year                                                                               | Possible         | event-days in 2<br>of 30 years,<br>1996 to 2025<br>(6.67%) | 24.3                                                                                                                 | 2005-11-12 to<br>2024-11-12<br>(19 years)           | countywide | NRI gives about 1.29 cold wave event-days a year here<br>(its annualized frequency over 19 years; not its event<br>count divided by the years), but Storm Events has a<br>record in only 2 of 30 years. NRI counts from a different<br>source that records far more events than Storm Events,<br>so this descriptor reads much lower than NRI's<br>frequency; read the two together. Frost/Freeze records<br>are not counted in this descriptor: they record crop<br>freezes, not cold waves. |
| Drought             | 2.11                                                                | event-days per<br>year                        | about 2.11 days<br>per year                                                                               | Possible         | event-days in 2<br>of 30 years,<br>1996 to 2025<br>(6.67%) | 133                                                                                                                  | 2000 to 2025<br>(25.25 years;<br>D3 and D4<br>only) | countywide | NRI gives about 2.11 drought event-days a year here (its<br>annualized frequency over 25.25 years; not its event<br>count divided by the years), but Storm Events has a<br>record in only 2 of 30 years. NRI counts from a different<br>source that records far more events than Storm Events,<br>so this descriptor reads much lower than NRI's<br>frequency; read the two together.                                                                                                         |
| Earthquake          | 0.00132                                                             | annual<br>probability at a<br>location        | chance a given<br>location in the<br>county has at<br>least minor-<br>damage shaking<br>in a year: 0.132% |                  |                                                            | not shown                                                                                                            | modeled                                             | see B1-f   | 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, and Storm Events does not record<br>earthquakes.                                                                                                                                                                                                                                                                                                         |

| 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                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|---------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hail            | 2.01                                                                | events per year                                                                   | about 2.01 per year      | Highly likely | FEMA annualized frequency (modeled)                      | 76.8 (modeled)                                                                                                       | 1986 to 2023 (38 years)                   | countywide |                                                                                                                                                                                                                                                                                                                                                                    |
| Heat Wave       | 6.04                                                                | event-days per year                                                               | about 6.04 days per year | Likely        | event-days in 6 of 30 years, 1996 to 2025 (20%)          | 99.3                                                                                                                 | 2005-11-12 to 2024-11-12 (19 years)       | countywide | NRI gives about 6.04 heat 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 6 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. |
| Hurricane       | 0.175                                                               | events per year                                                                   | about 1 in 6 years       | Likely        | FEMA annualized frequency (modeled)                      | 50                                                                                                                   | 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       | 2.42                                                                | event-days per year                                                               | about 2.42 days per year |               | event-days in 0 of 30 years, 1996 to 2025 (0%)           | 162                                                                                                                  | 1946-12-31 to 2014-02-12 (67 years)       | countywide | No recorded event-days, 1996 to 2025; descriptor not assigned                                                                                                                                                                                                                                                                                                      |
| Inland Flooding | 3                                                                   | event-days per year                                                               | about 3 days per year    | Likely        | event-days in 26 of 30 years, 1996 to 2025 (86.7%)       | 84                                                                                                                   | 1996 to 2023 (28 years)                   | see B1-f   |                                                                                                                                                                                                                                                                                                                                                                    |
| Landslide       | 0.313                                                               | events per year (modeled)                                                         | about 1 in 3 years       | Likely        | FEMA annualized frequency (modeled)                      | not shown                                                                                                            | modeled                                   | see B1-f   |                                                                                                                                                                                                                                                                                                                                                                    |
| Lightning       | 22                                                                  | days per year with a strike                                                       | about 22 days per year   | Highly likely | FEMA annualized frequency (modeled)                      | not shown                                                                                                            | 1995 to 2023 (29 years; CONUS)            | countywide |                                                                                                                                                                                                                                                                                                                                                                    |
| Strong Wind     | 1.17                                                                | events per year                                                                   | about 1.17 per year      | Highly likely | FEMA annualized frequency (modeled)                      | 45                                                                                                                   | 1986 to 2023 (38 years)                   | countywide |                                                                                                                                                                                                                                                                                                                                                                    |
| Tornado         | 0.0959                                                              | events per year                                                                   | about 1 in 10 years      | Possible      | FEMA annualized frequency (modeled)                      | not shown                                                                                                            | 1950 to 2023 (EF2+); 1986 to 2023 (EF0-1) | see B1-f   |                                                                                                                                                                                                                                                                                                                                                                    |
| Tsunami         |                                                                     | annual probability at the most exposed location (used in place of a county value) |                          |               | Storm Events records in 0 of 30 years, 1996 to 2025 (0%) | not shown                                                                                                            | modeled                                   | see B1-f   | No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)                                                                                                                                                                                |

| 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                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------|------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Volcanic<br>Activity |                                                                     | annual<br>probability                  |                                                                          |                  |                                                                   | not shown                                                                                                            | modeled                                   | see B1-f   | Not Applicable in NRI for this county; no descriptor.                                                                                                                                        |
| Wildfire             | 0.0000421                                                           | annual<br>probability at a<br>location | chance a given<br>location in the<br>county burns in a<br>year: 0.00421% |                  | 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    | 14.3                                                                | event-days per<br>year                 | about 14.3 days<br>per year                                              | Highly<br>likely | event-days in<br>28 of 30 years,<br>1996 to 2025<br>(93.3%)       | 269                                                                                                                  | 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                              |
| 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 | 24                                    | 30              | 0.8                                      |
| Hail                                    | 2.00 in+                  | 1996 to 2025 | 1                                     | 30              | 0.0333                                   |
| Strong Wind (Thunderstorm Wind records) | 50-64 kt                  | 1996 to 2025 | 143                                   | 30              | 4.77                                     |
| Strong Wind (Thunderstorm Wind records) | 65 kt+                    | 1996 to 2025 | 2                                     | 30              | 0.0667                                   |
| Strong Wind (Thunderstorm Wind records) | unmeasured or below 50 kt | 1996 to 2025 | 4                                     | 30              | 0.133                                    |
| Tornado                                 | EF0-1                     | 1996 to 2025 | 6                                     | 30              | 0.2                                      |
| Tornado                                 | EF2-3                     | 1996 to 2025 | 1                                     | 30              | 0.0333                                   |
| 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><i>rated of all</i> | Risk<br>score<br>min<br><i>NRI score,<br/>0 to 100</i> | Median | Max  | Tracts by rating                                                     | Note                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------|--------------------------------------------------------|--------|------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avalanche           | 0 of 145                      |                                                        |        |      | Not Applicable 145                                                   |                                                                                                                                                                                                                                                                                                                                                                |
| Coastal<br>Flooding | 44 of 145                     | 70.3                                                   | 78.8   | 93.3 | Relatively Moderate 6, Relatively Low 22, Very Low 16, No Rating 101 |                                                                                                                                                                                                                                                                                                                                                                |
| Cold Wave           | 145 of 145                    | 26.1                                                   | 48.6   | 71.8 | Relatively Moderate 79, Relatively Low 66                            | 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             | 13 of 145                     | 71.4                                                   | 80.2   | 89.3 | Relatively Low 8, Very Low 5, No Rating 132                          | 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. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally. |
| Earthquake          | 145 of 145                    | 21.8                                                   | 48.3   | 75.3 | Relatively Low 104, Very Low 41                                      |                                                                                                                                                                                                                                                                                                                                                                |

| <b>Hazard</b>     | <b>Tracts</b><br><i>rated of all</i> | <b>Risk score min</b><br><i>NRI score, 0 to 100</i> | <b>Median</b> | <b>Max</b> | <b>Tracts by rating</b>                                                                | <b>Note</b>                                                                                                                                                                                                                          |
|-------------------|--------------------------------------|-----------------------------------------------------|---------------|------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hail              | 145 of 145                           | 24.3                                                | 39.7          | 64.5       | Relatively Low 98, Very Low 47                                                         | 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         | 145 of 145                           | 25.8                                                | 64.7          | 88.0       | Relatively High 1, Relatively Moderate 111, Relatively Low 33                          | 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         | 145 of 145                           | 56.6                                                | 71.5          | 83.5       | Relatively Moderate 15, Relatively Low 130                                             |                                                                                                                                                                                                                                      |
| Ice Storm         | 145 of 145                           | 2.9                                                 | 48.3          | 76.0       | Relatively Moderate 4, Relatively Low 126, Very Low 15                                 | 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 Flooding   | 145 of 145                           | 4.0                                                 | 49.0          | 97.4       | Very High 1, Relatively High 19, Relatively Moderate 55, Relatively Low 63, Very Low 7 |                                                                                                                                                                                                                                      |
| Landslide         | 142 of 145                           | 8.6                                                 | 51.3          | 92.0       | Relatively Low 16, Very Low 126, No Rating 3                                           |                                                                                                                                                                                                                                      |
| Lightning         | 145 of 145                           | 13.4                                                | 35.9          | 64.2       | Relatively Moderate 11, Relatively Low 128, Very Low 6                                 | 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       | 145 of 145                           | 9.7                                                 | 19.6          | 35.4       | Relatively Low 68, Very Low 77                                                         | 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           | 145 of 145                           | 13.9                                                | 32.9          | 51.7       | Relatively Low 106, Very Low 39                                                        |                                                                                                                                                                                                                                      |
| Tsunami           | 0 of 145                             |                                                     |               |            | Insufficient Data 145                                                                  |                                                                                                                                                                                                                                      |
| Volcanic Activity | 0 of 145                             |                                                     |               |            | Not Applicable 145                                                                     |                                                                                                                                                                                                                                      |
| Wildfire          | 100 of 145                           | 19.6                                                | 29.8          | 67.2       | Very Low 100, No Rating 45                                                             |                                                                                                                                                                                                                                      |
| Winter Weather    | 145 of 145                           | 15.7                                                | 19.7          | 28.8       | Relatively Low 108, Very Low 37                                                        | 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)

| <b>Member</b>      | <b>Type</b> | <b>Plan status</b>           | <b>Repetitive loss</b><br><i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i> | <b>Public Assistance matched</b><br><i>federal share obligated, nominal dollars</i> | <b>Event records naming this place</b><br><i>all years; since the member's plan</i> | <b>Notes</b>                                                                           |
|--------------------|-------------|------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Central Falls city | City        | Approved, expires 2030-05-26 | FMA RL 0, SRL 0; any 5                                                                      | \$887,079.28                                                                        | 8; 0                                                                                | Includes \$664,134.96 for declarations not counted as hazard incidents (DR-4505-RI).   |
| Cranston city      | City        | Approved, expires 2028-04-16 | FMA RL 0, SRL 5; any 76                                                                     | \$5,280,491.22                                                                      | 39; 2                                                                               | Includes \$1,200,628.07 for declarations not counted as hazard incidents (DR-4505-RI). |

| 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                                                                                  |
|-----------------------|------|------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| East Providence city  | City | Approved, expires 2027-08-28 | FMA RL 0, SRL 1; any 15                                                              | \$3,365,423.83                                                               | 5; 2                                                                         | Includes \$2,198,603.25 for declarations not counted as hazard incidents (DR-4505-RI). |
| Pawtucket city        | City | Approved, expires 2030-05-26 | FMA RL 0, SRL 1; any 5                                                               | \$4,011,962.36                                                               | 18; 1                                                                        | Includes \$2,615,394.85 for declarations not counted as hazard incidents (DR-4505-RI). |
| Providence city       | City | Approved, expires 2030-02-02 | FMA RL 0, SRL 7; any 26                                                              | \$11,444,879.86                                                              | 9; 0                                                                         | Includes \$7,400,817.40 for declarations not counted as hazard incidents (DR-4505-RI). |
| Woonsocket city       | City | Approved, expires 2030-06-10 | FMA RL 0, SRL 0; any 1                                                               | \$2,121,844.23                                                               | 12; 0                                                                        | Includes \$1,313,754.02 for declarations not counted as hazard incidents (DR-4505-RI). |
| Burrillville town     | Town | Expired on 2026-05-23        | FMA RL 0, SRL 0; any 3                                                               | \$510,593.13                                                                 | 10; 0                                                                        | Includes \$147,736.23 for declarations not counted as hazard incidents (DR-4505-RI).   |
| Cumberland town       | Town | Approved, expires 2029-06-10 | FMA RL 0, SRL 1; any 5                                                               | \$1,063,136.73                                                               | 10; 0                                                                        | Includes \$265,519.44 for declarations not counted as hazard incidents (DR-4505-RI).   |
| Foster town           | Town | Approved, expires 2029-11-12 | FMA RL 0, SRL 0; any 0                                                               | \$681,892.89                                                                 | 14; 0                                                                        |                                                                                        |
| Glocester town        | Town | Approved, expires 2030-06-16 | FMA RL 0, SRL 0; any 0                                                               | \$390,354.64                                                                 | 8; 0                                                                         | Includes \$57,690.06 for declarations not counted as hazard incidents (DR-4505-RI).    |
| Johnston town         | Town | Expired on 2026-06-16        | FMA RL 0, SRL 4; any 19                                                              | \$2,300,136.40                                                               | 15; 1                                                                        | Includes \$428,432.26 for declarations not counted as hazard incidents (DR-4505-RI).   |
| Lincoln town          | Town | Approved, expires 2027-05-18 | FMA RL 0, SRL 3; any 7                                                               | \$1,073,083.17                                                               | 4; 0                                                                         | Includes \$73,749.30 for declarations not counted as hazard incidents (DR-4505-RI).    |
| North Providence town | Town | Approved, expires 2030-08-19 | FMA RL 0, SRL 0; any 20                                                              | \$1,085,216.34                                                               | 20; 0                                                                        | Includes \$290,060.13 for declarations not counted as hazard incidents (DR-4505-RI).   |
| North Smithfield town | Town | Approved, expires 2030-05-28 | FMA RL 0, SRL 0; any 3                                                               | \$599,702.87                                                                 | 3; 0                                                                         | Includes \$68,243.62 for declarations not counted as hazard incidents (DR-4505-RI).    |
| Scituate town         | Town | Approved, expires 2030-02-10 | FMA RL 0, SRL 1; any 5                                                               | \$606,345.82                                                                 | 28; 0                                                                        | Includes \$75,666.88 for declarations not counted as hazard incidents (DR-4505-RI).    |
| Smithfield town       | Town | Approved, expires 2031-03-31 | FMA RL 0, SRL 0; any 2                                                               | \$1,325,569.67                                                               | 15; 0                                                                        | Includes \$769,887.02 for declarations not counted as hazard incidents (DR-4505-RI).   |

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        |                                             |                                                |                                     |                                                  |                                                    |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | Not Applicable in NRI for this county                                                                                                                                                                |
| Coastal Flooding | \$4,902,386,785                             |                                                | 16,445                              | \$269,828                                        |                                                    | \$35,587                                                                                                         | 0.0055%                                                           |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Cold Wave        | \$112,144,280,303                           | \$16,007,694                                   | 660,349                             | \$550                                            | \$1,609                                            | \$6,906,040                                                                                                      | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Drought          |                                             | \$11,215,146                                   |                                     |                                                  | \$36,437                                           |                                                                                                                  | 0.325% (agriculture)                                              |                                                                                                     |                                                                                   |                                                                  | NRI has no building exposure for this hazard; agriculture shown                                                                                                                                      |
| Earthquake       | \$198,612,831,509                           |                                                | 660,741                             | \$3,485,392                                      |                                                    | \$927,759                                                                                                        | 0.00175%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Hail             | \$112,144,315,897                           | \$16,007,694                                   | 660,349                             | \$618,579                                        | \$79                                               | \$16,892                                                                                                         | 0.000552%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Heat Wave        | \$112,144,280,303                           | \$16,007,694                                   | 660,349                             | \$29                                             | \$2,220                                            | \$8,827,326                                                                                                      | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Hurricane        | \$112,127,360,357                           | \$16,007,694                                   | 660,163                             | \$8,966,568                                      | \$117,254                                          | \$393,864                                                                                                        | 0.008%                                                            |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Ice Storm        | \$111,817,109,371                           |                                                | 658,039                             | \$264,385                                        |                                                    | \$396,563                                                                                                        | 0.000236%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Inland Flooding  | \$111,980,463,912                           | \$323,200                                      | 6,865                               | \$93,307,181                                     | \$76                                               | \$13,867                                                                                                         | 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        | \$2,066,306,280                             |                                                | 11,128                              | \$7,023                                          |                                                    | \$1,036                                                                                                          | 0.00034%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Lightning        | \$112,144,315,897                           |                                                | 660,349                             | \$70,557                                         |                                                    | \$940,452                                                                                                        | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |
| Strong Wind      | \$112,144,315,897                           | \$16,007,694                                   | 660,349                             | \$133,890                                        | \$129                                              | \$419,321                                                                                                        | 0.000119%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                                                                                                                                                                      |

| 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                                               |
|-------------------|---------------------------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------|
| Tornado           | \$112,144,315,897                           | \$16,007,694                                   | 660,349                             | \$2,616,806                                      | \$216                                              | \$684,427                                                                                                        | 0.00233%                                                          |                                                                                                     |                                                                                   |                                                                  |                                                    |
| Tsunami           |                                             |                                                |                                     |                                                  |                                                    |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | NRI publishes no building exposure for this county |
| Volcanic Activity |                                             |                                                |                                     |                                                  |                                                    |                                                                                                                  |                                                                   |                                                                                                     |                                                                                   |                                                                  | Not Applicable in NRI for this county              |
| Wildfire          | \$5,117,127,951                             | \$2,636,004                                    | 39,228                              | \$12,048                                         | \$1                                                | \$2,338                                                                                                          | 0.000235%                                                         |                                                                                                     |                                                                                   |                                                                  |                                                    |
| Winter Weather    | \$112,144,280,303                           | \$16,007,694                                   | 660,349                             | \$23,194                                         | \$6                                                | \$13,997                                                                                                         | under 0.0001%                                                     |                                                                                                     |                                                                                   |                                                                  |                                                    |

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                                                                                                                                                                    | 660,349             |
| Building value (total, not at risk)                                                                                                                                           | \$112,144,315,897   |
| Agriculture value (total, not at risk)                                                                                                                                        | \$16,007,694        |
| NRI risk rating (all hazards)                                                                                                                                                 | Relatively Moderate |
| Expected annual loss, buildings and agriculture, all hazards                                                                                                                  | \$109,934,056       |
| 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) | \$19,579,468        |
| Social vulnerability rating                                                                                                                                                   | Relatively Moderate |
| 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) | 0          | Severe repetitive loss, FMA definition (44 CFR 77.2) | 23         |
| Repetitive loss, NFIP insurance definition    | 192        | Severe repetitive loss, NFIP insurance definition    | 23         |

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              | 0                            | 23                            | 192                           | 23                             | 192                               | 1                              | 45                                     |
| BURRILLVILLE, TOWN OF     | 0                            | 0                             | 3                             | 0                              | 3                                 | 0                              | 0                                      |
| CUMBERLAND, TOWN OF       | 0                            | 1                             | 5                             | 1                              | 5                                 | 0                              | 2                                      |
| JOHNSTON, TOWN OF         | 0                            | 4                             | 19                            | 4                              | 19                                | 0                              | 8                                      |
| NORTH PROVIDENCE, TOWN OF | 0                            | 0                             | 20                            | 0                              | 20                                | 0                              | 2                                      |
| NORTH SMITHFIELD, TOWN OF | 0                            | 0                             | 3                             | 0                              | 3                                 | 0                              | 2                                      |
| PAWTUCKET, CITY OF        | 0                            | 1                             | 5                             | 1                              | 5                                 | 0                              | 3                                      |
| SCITUATE, TOWN OF         | 0                            | 1                             | 5                             | 1                              | 5                                 | 1                              | 2                                      |
| SMITHFIELD, TOWN OF       | 0                            | 0                             | 2                             | 0                              | 2                                 | 0                              | 0                                      |
| CENTRAL FALLS, CITY OF    | 0                            | 0                             | 5                             | 0                              | 5                                 | 0                              | 2                                      |
| CRANSTON, CITY OF         | 0                            | 5                             | 76                            | 5                              | 76                                | 0                              | 12                                     |
| EAST PROVIDENCE, CITY OF  | 0                            | 1                             | 15                            | 1                              | 15                                | 0                              | 3                                      |
| LINCOLN, TOWN OF          | 0                            | 3                             | 7                             | 3                              | 7                                 | 0                              | 3                                      |
| PROVIDENCE, CITY OF       | 0                            | 7                             | 26                            | 7                              | 26                                | 0                              | 5                                      |
| WOONSOCKET, CITY OF       | 0                            | 0                             | 1                             | 0                              | 1                                 | 0                              | 1                                      |

#### 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 |
|-----------------------|-------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|----------------------------------------|------|
| Central Falls city    | 445394            | 0                            | 0                             | 5                             | 0                              | 5                                 | 0                              | 2                                      |      |
| Cranston city         | 445396            | 0                            | 5                             | 76                            | 5                              | 76                                | 0                              | 12                                     |      |
| East Providence city  | 445398            | 0                            | 1                             | 15                            | 1                              | 15                                | 0                              | 3                                      |      |
| Pawtucket city        | 440022            | 0                            | 1                             | 5                             | 1                              | 5                                 | 0                              | 3                                      |      |
| Providence city       | 445406            | 0                            | 7                             | 26                            | 7                              | 26                                | 0                              | 5                                      |      |
| Woonsocket city       | 445411            | 0                            | 0                             | 1                             | 0                              | 1                                 | 0                              | 1                                      |      |
| Burrillville town     | 440013            | 0                            | 0                             | 3                             | 0                              | 3                                 | 0                              | 0                                      |      |
| Cumberland town       | 440016            | 0                            | 1                             | 5                             | 1                              | 5                                 | 0                              | 2                                      |      |
| Foster town           | 440033            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Glocester town        | 440034            | 0                            | 0                             | 0                             | 0                              | 0                                 | 0                              | 0                                      |      |
| Johnston town         | 440018            | 0                            | 4                             | 19                            | 4                              | 19                                | 0                              | 8                                      |      |
| Lincoln town          | 445400            | 0                            | 3                             | 7                             | 3                              | 7                                 | 0                              | 3                                      |      |
| North Providence town | 440020            | 0                            | 0                             | 20                            | 0                              | 20                                | 0                              | 2                                      |      |
| North Smithfield town | 440021            | 0                            | 0                             | 3                             | 0                              | 3                                 | 0                              | 2                                      |      |
| Scituate town         | 440024            | 0                            | 1                             | 5                             | 1                              | 5                                 | 1                              | 2                                      |      |
| Smithfield town       | 440025            | 0                            | 0                             | 2                             | 0                              | 2                                 | 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                            | 5                             | 119                           | 5                              | 119                               | 1                              | 25                                     |
| 2 to 4 unit residential   | 0                            | 0                             | 19                            | 0                              | 19                                | 0                              | 3                                      |
| other residential         | 0                            | 2                             | 8                             | 2                              | 8                                 | 0                              | 8                                      |
| non-residential           | 0                            | 16                            | 46                            | 16                             | 46                                | 0                              | 9                                      |
| 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 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 192 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

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## 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\\_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\\_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\\_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\\_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\\_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\_RI\_44007. Preview: automated baseline.