Now 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042

Start-Up Phase A (2012–2015)

- **Task A.4.c. Develop repair/retrofit standards for wood-frame and concrete buildings**
  ResilientSF team
- **Task A.4.d. Adopt disproportionate damage trigger**
  ResilientSF team
- **Task A.6.a. Assure conformance of Community Safety Element with CAPSS and other recommendations**
  ResilientSF team/Department of Emergency Management
- **Task A.6.b. Support voluntary seismic upgrade of one-and two-family dwellings**
  ResilientSF team/Department of Building Inspection
- **Task A.2.b. Adopt façade maintenance regulations**
  ResilientSF team
- **Task A.4.a. Develop and adopt Shelter-in-Place policies and procedures**
  ResilientSF team
- **Task A.4.f. Update post-earthquake inspection (ATC-20) policies and procedure**
  ResilientSF team/Department of Building Inspection
- **Task A.6.c. Develop evaluation criteria and standards for older concrete and "most hazardous to life" buildings**
  ResilientSF team
- **Task A.4.e Revise Planning Code to limit nonconforming reconstruction unless minimum retrofit done**
  Planning Department
- **Task A.6.h. Develop evaluation standards and performance goals for all building types**
  ResilientSF team
- **Task A.5.a. Develop funding sources to assist private property owners with seismic upgrade costs**
  Mayor's Office
- **Task A.5.b. Investigate Planning Code and other City agency incentives for seismic upgrade**
  Planning Department/ResilientSF team
- **Task A.5.c. Seek Federal and State support for earthquake safety implementation**
  Mayor's Office
- **Task A.5.d. Offer "Ombudsman" services to provide technical and permitting, and other assistance.**
  Department of Building Inspection
- **Task A.6.d. Explore alternative seismic retrofit solutions**
  ResilientSF team
  - **Task A.6.e. Further evaluate effects of retrofits on economically disadvantaged San Franciscans**
    ResilientSF team
  - **Task A.1.b. Provide information and assistance about renter's insurance and other insurance**
    ResilientSF team
  - **Task A.6.f. Review performance requirements for private schools K-12**
    ResilientSF team
  - **Task A.3.a. Mandatory evaluation and retrofit of 3+ story, 5+ unit soft-story wood frame residential buildings**
    Department of Building Inspection
  - **Task A.1.a. Expand current public information programs**
    ResilientSF team
    - **Task A.4.g. Develop chimney repair/reconstruction guidelines**
      ResilientSF team
    - **Task A.4.b. Develop and implement Neighborhood Support Centers**
      Department of Emergency Management
    - **Task A.6.g. Assess scope and issues related to critical retail stores, suppliers, medical service providers, and others**
      ResilientSF team
    - **Task A.3.b. Mandatory evaluation and retrofit of concrete tilt-up and similar buildings**
      Department of Building Inspection
    - **Task A.1.c. Encourage voluntary seismic upgrades of one- and two-family dwellings**
      ResilientSF team
    - **Task A.6.i. Study fire-related earthquake resilience topics**
      Fire Department
      - **Task A.4.h. Implement performance data collection of retrofitted buildings to evaluate effectiveness of retrofit measures**
        Department of Building Inspection
      - **Task A.2.a. Mandatory evaluation of all wood frame residential buildings with 3+ dwelling units upon sale or by deadline**
        Department of Building Inspection
      - **Task A.1.d. Develop seismic upgrade and techniques training programs for contractors**
        ResilientSF team/Department of Building Inspection

Implementation Phase B (2015–2020)

      - **Task B.3.a. Mandatory evaluation and retrofit of Private K-12 schools to public-school-equivalent standards**
        Department of Building Inspection
        - **Task B.1.a. Outreach to critical retail stores, suppliers, medical, and others regarding nonstructural and simple structural upgrades**
          ResilientSF team/Department of Building Inspection
        - **Task B.2.a. Mandatory evaluation of older non-ductile concrete residential buildings**
          Department of Building Inspection
        - **Task B.4.a. Develop earthquake inspection and posting special use buildings**
          ResilientSF team
        - **Task B.6.a. Update codes for new buildings to reflect desired performance goals and acceptable confidence levels in meeting them**
          ResilientSF team/Department of Building Inspection
        - **Task B.6.b. Review performance of assisted living facilities and similar special purpose facilities**
          ResilientSF team/Department of Building Inspection
        - **Task B.1.b. Develop non-structural upgrade program for businesses**
          ResilientSF team
        - **Task B.2.b. Training of design professionals on seismic evaluation and retrofit programs**
          Department of Building Inspection
        - **Task B.5.a. Develop links to distribute materials and provide retrofit incentives from building material suppliers and other companies**
          ResilientSF team/Department of Building Inspection
          - **Task B.3.b. Mandatory evaluation and retrofit of Soft-Story Buildings with 3 or more stories and 3 or more dwelling units**
            Department of Building Inspection
          - **Task B.2.c. Mandatory evaluation of all other wood-frame residential buildings upon sale**
            Department of Building Inspection
          - **Task B.6.c. Review ground failure mitigation measures for areas with high geological hazard**
            ResilientSF team/Department of Building Inspection
            - **Task B.2.d. Mandatory evaluation of residential with 5+ dwelling units and hotels/motels**
              Department of Building Inspection
            - **Task B.4.b. Develop post-earthquake repair and retrofit standards for building types not covered in previous standards**
              ResilientSF team

Implementation Phase C (2020–2042)

              - **Task C.1.a. Mandatory evaluation on sale or by deadline of building types not otherwise covered**
                Department of Building Inspection
              - **Task C.1.b. Evaluation of buildings retrofitted prior to 1994 or built to non-conforming performance standards**
                ResilientSF team/Department of Building Inspection
              - **Task C.2.a. Mandatory retrofit of older non-ductile concrete residential buildings**
                Department of Building Inspection
              - **Task C.2.b. Mandatory evaluation and retrofit of nonstructural/structural elements to critical stores, suppliers and service providers** ResilientSF team/Department of Building Inspection
              - **Task C.2.c. Mandatory evaluation and retrofit of assembly (300+ occupancy) buildings**
                ResilientSF team/Department of Building Inspection
              - **Task C.2.d. Mandatory evaluation and retrofit of steel low-performance buildings** ResilientSF team/Department of Building Inspection
              - **Task C.2.e. Mandatory evaluation and retrofit of other low-performance buildings** ResilientSF team/Dept. of Building Inspection

Now 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042

REV. 9/13/2011

Recommended Action | **Mandatory Evaluation** | **Mandatory Retrofit**