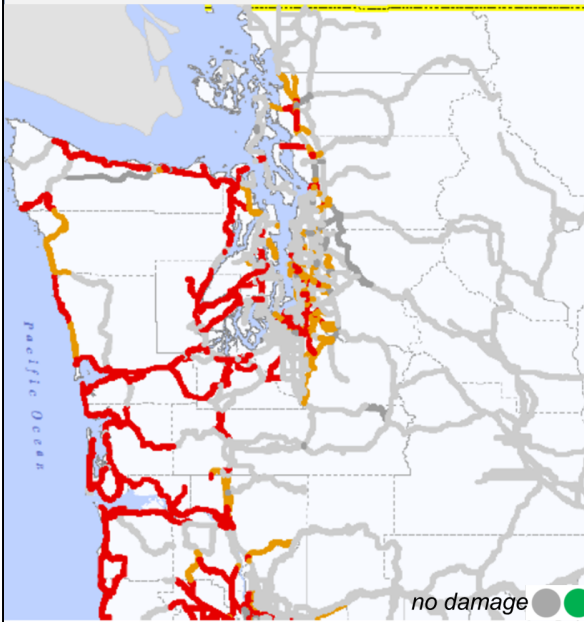


## HIGHWAYS

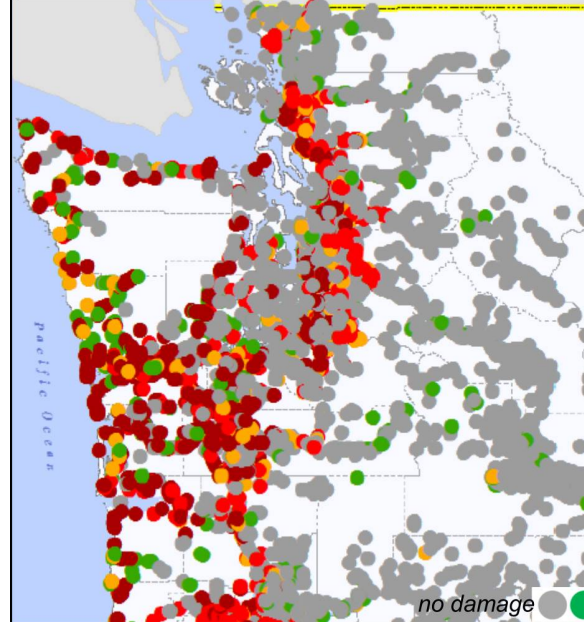


The highway system will suffer the most damage in the vicinity of the coast from both earthquake and tsunami damage.

There are no surviving ground routes to the coastal region.

no damage (grey) (green) (yellow) (red) (dark red) completely destroyed

## BRIDGES

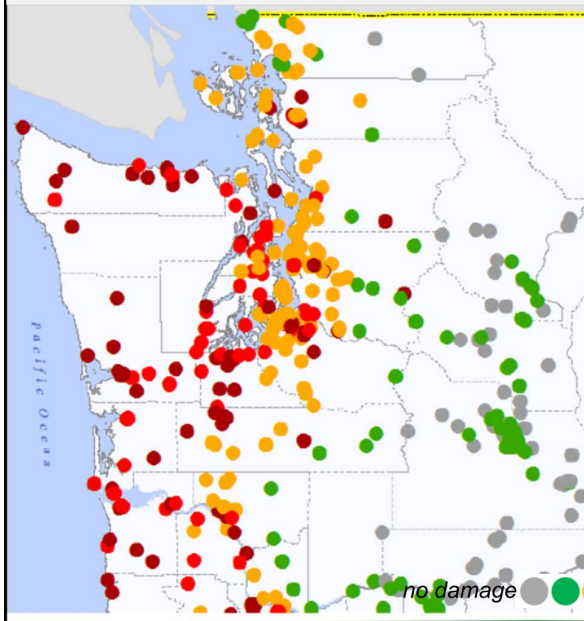


23% of coastal area bridges will be out of service for days.  
50 % of Coastal bridges will be damaged and unusable.

The lack of suitable bridges will be a factor in rescue/recovery efforts and timelines.

no damage (grey) (green) (yellow) (red) (dark red) completely destroyed

## COMMUNICATIONS



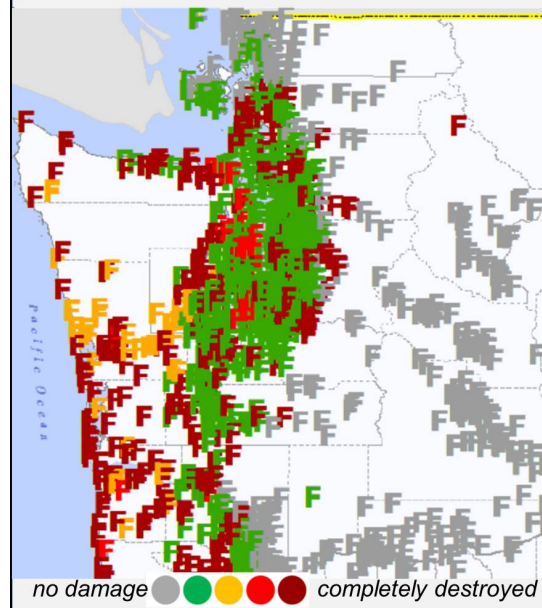
After the CSZ, the entire region will experience phone, cell phone, internet, radio and TV outages for extended periods.

It may take days or weeks to restore 33% of coastal communications facilities.

67% may need to be replaced.

no damage (grey) (green) (yellow) (red) (dark red) completely destroyed

## FIRE STATIONS



Total reduction is assumed to be 33% of Fire Response capability in Washington.

The facilities nearer to the epicenter suffer most significant damage resulting in significantly reduced capability west of Shelton.

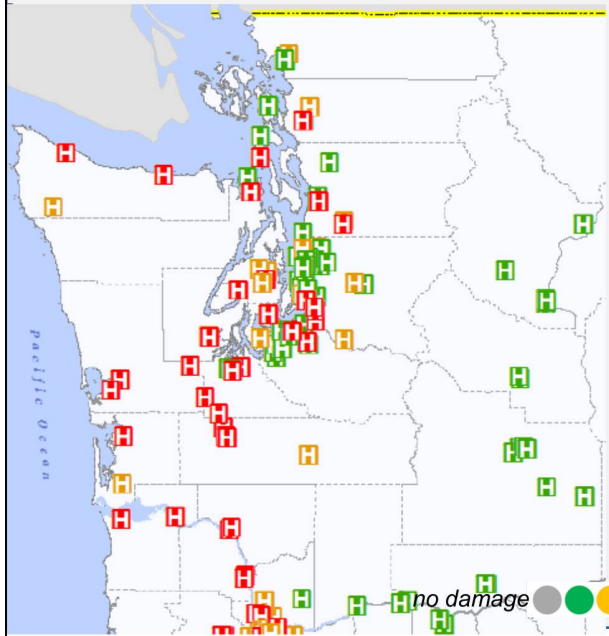
This reduction plus damage to highways, bridges, and communications renders mutual aid agreements impractical.

no damage (grey) (green) (yellow) (red) (dark red) completely destroyed

## HOSPITALS

The facilities nearest the epicenter suffer most significant damage resulting in virtually no Hospital capacity west of the I-5 corridor.

Total western Washington hospital capacity is assumed to be reduced by 45% of total hospital capacity.

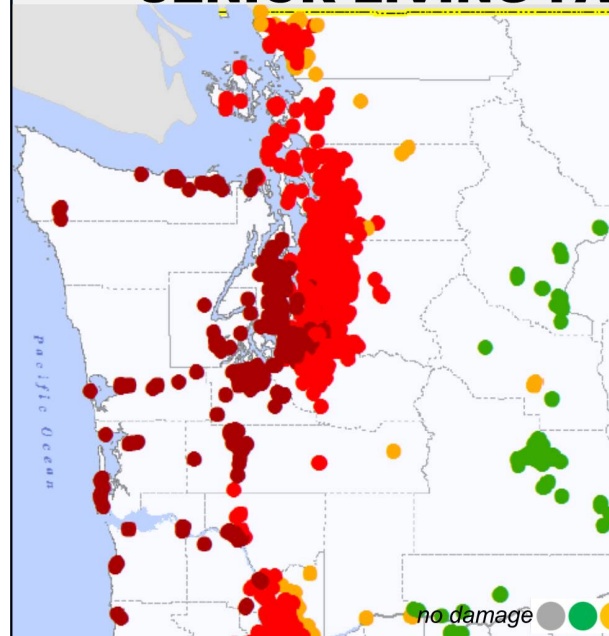


no damage (green) (yellow) (red) (dark red) completely destroyed

## SENIOR LIVING FACILITIES

The facilities nearest the epicenter suffer most significant damage.

Virtually no senior/DD living facility capacity remains west of the I-5 corridor.

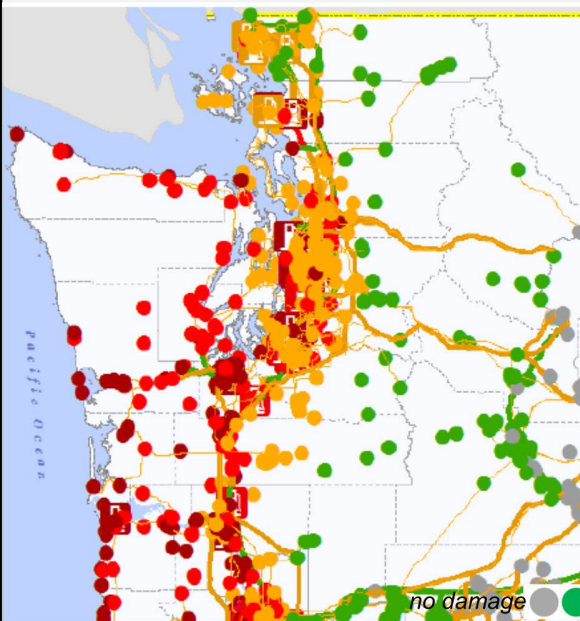


no damage (green) (yellow) (red) (dark red) completely destroyed

## UTILITIES

Electrical, water and sewer systems will be out-of-service until significant repairs can be made.

Broken sewer lines have been a serious public health issue in other earthquake events.

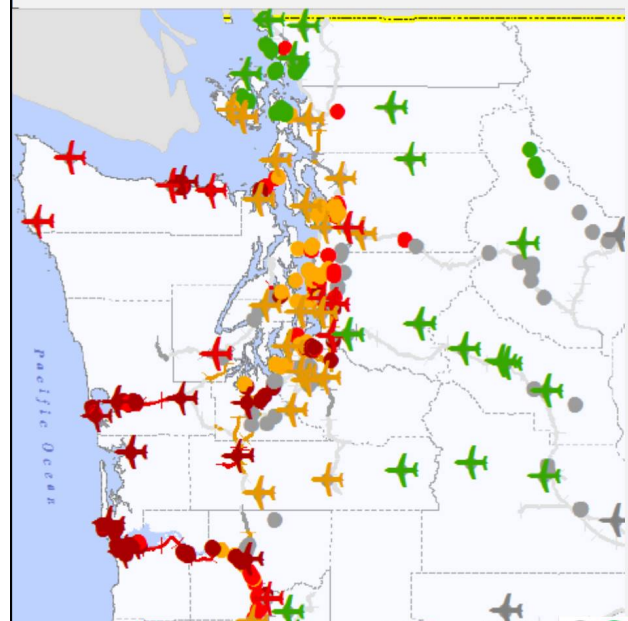


no damage (green) (yellow) (red) (dark red) completely destroyed

## AIR TRANSPORTATION

Most airports west of the I-5 corridor suffer complete to severe damage.

Most airports along the I-5 corridor suffer severe to moderate damage.



no damage (green) (yellow) (red) (dark red) completely destroyed