

Last updated 7pm 01/14/10

## EARTHQUAKE INTENSITY

The Modified Mercalli (MMI) Intensity Scale\*

- 5** Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
- 6** Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
- 7** Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
- 8** Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
- 9** Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
- 10<sup>^</sup>** Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.

Source: USGS

\*MMI is a measure of ground shaking and is different from overall earthquake magnitude as measured by the Richter Scale.

<sup>^</sup>Area shown on map may fall within MMI 9 classification, but constitute the areas of heaviest shaking based on USGS data.

## POPULATION EXPOSED TO SHAKING





The Modified Mercalli (MMI) Intensity Scale

MMI INTENSITY	POPULATION
5	7,261,000
6	1,049,000
7	571,000
8	314,000
9	2,246,000
10	332,000





Source: USGS/PAGER Alert Version: 7

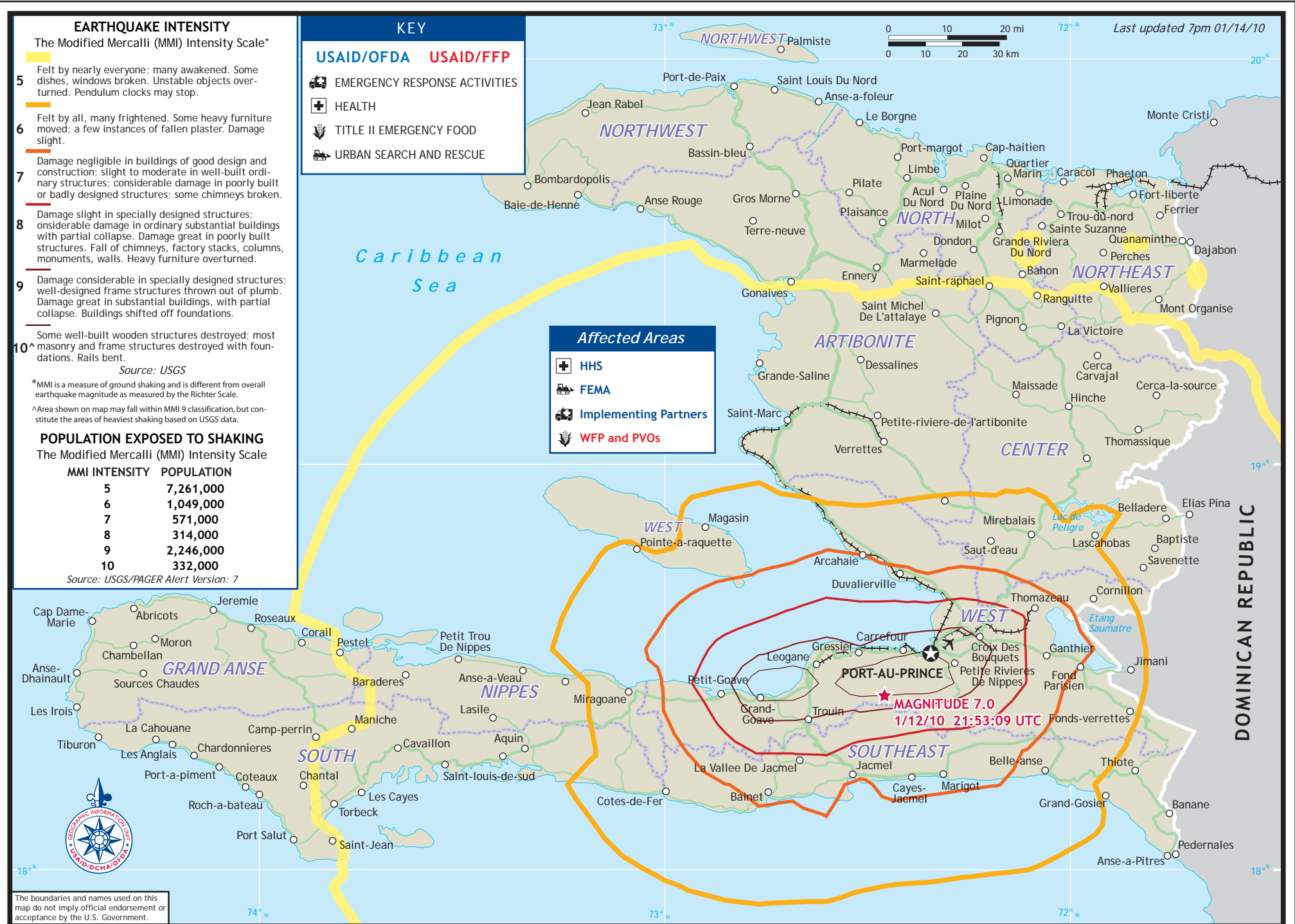
## KEY

USAID/OFDA USAID/FFP

-  EMERGENCY RESPONSE ACTIVITIES
-  HEALTH
-  TITLE II EMERGENCY FOOD
-  URBAN SEARCH AND RESCUE

## Affected Areas

-  HHS
-  FEMA
-  Implementing Partners
-  WFP and PVOs



The boundaries and names used on this map do not imply official endorsement or acceptance by the U.S. Government.