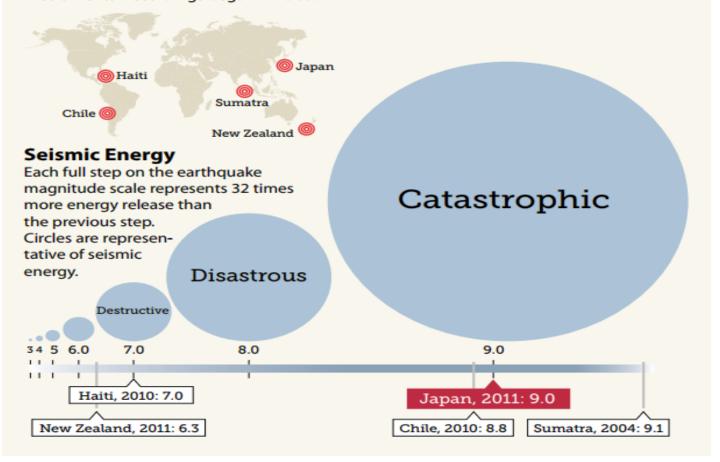
Magnitudes of Recent Earthquakes

The earthquake off the east coast of Honshu, Japan's largest island, was the fifth-largest ever recorded, according to the U.S. Geological Survey, and the largest in Japan since instrumental recordings began in 1900.



PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
INSTRUMENTAL INTENSITY	1	11-111	IV	V	VI	VII	VIII	IX	X+
WHAT HAPPENS AT EACH INTENSITY?	Not felt.	II. Felt by people sitting or on upper floors of buildings. III. Felt by almost all indoors.	Vibration felt like passing of heavy trucks. Stopped cars rock. Hanging objects swing. Windows, dishes, doors rattle. Glasses	Felt outdoors. Sleepers wakened. Liquids disturbed, some spilled. Small unstable objects displaced or upset. Doors swing. Pictures move.	Felt by all. People walk unsteadily. Windows crack. Dishes, glassware, knickknacks, and books fall off shelves.	Difficult to stand or walk. Noticed by drivers of cars. Furniture broken. Damage to poorly built masonry buildings. Weak chimneys broken at roof line. Fall of plaster,	Steering of cars affected. Extensive damage to unreinforced masonry buildings, including partial collapse. Fall of some masonry walls. Twisting, falling of chimneys and monuments. Wood-frame houses moved	General panic. Damage to masonry buildings ranges from collapse to serious damage unless modern design. Wood-frame	Poorly built structures destroyed with their foundations. Even some well-built wooden structures and bridges heavily damaged
Text descriptions from http://quake.abag.ca.gov/shaking/mmi/		Hanging objects swing. Vibration like passing of light trucks. May not be recognized as an earthquake.	clink. In the upper range of IV, wooden walls and frames creak.	Pendulum clocks stop.	Pictures off walls. Furniture moved or overturned. Weak plaster, adobe buildings, and some poorly built masonry buildings cracked. Trees and bushes shake visibly.	loose bricks, stones, tiles, cornices, unbraced parapets and porches. Some cracks in better masonry buildings. Waves on ponds.	on foundations if not bolted; loose partition walls thrown out. Tree branches broken.	structures rack, and, if not bolted, shifted off foundations. Underground pipes broken.	and needing replacement. Water thrown on banks of canals, rivers, lakes, etc. Pipelines may be completely out of service.