

1a) I selected the Global Poverty map. Its intended use is to show global poverty rates as a percentage of total population in each country. One positive aspect of the map is that it includes borders to show which countries suffer from high poverty rates. Although, the map does not specifically label the countries it is still extremely beneficial for those who may not be familiar with geography and how many countries are situated in which regions of the earth. There are many negative aspects of the map that bother me, but I would say the main negative aspect is the improper care and type of map. It appears that the map is a Mollweide projection style stacked with a Mercator map on top. The top and sides of the map has clearly been cut off and Antarctica is mysteriously gone. I understand that its intended use is to show global poverty rates, but it is inappropriate to misuse a map projection and cut off pieces off the map that it originally displays for viewers.

1b) To improve the map I recommend changing the map layout and use the Gall-Peters projection map. The purpose of this map is to show global poverty rates in countries, so it is important to accurately demonstrate the true size of countries in order to get a better scope of how extensive poverty is throughout the world. I understand the Mollweide projection offers far less distortion in size, but I think it would be difficult for a viewer to truly grasp global poverty as the overall display of the world map would be smaller than the detail a Gall-Peters map can offer. Likewise, I think it is important to include labels on countries so viewers can know which countries, not regions, need immediate action. Furthermore, I would add a title because without a title this map is simply a map with different colors. I also think better shades of color should be use as the current color is not easy on the eyes.

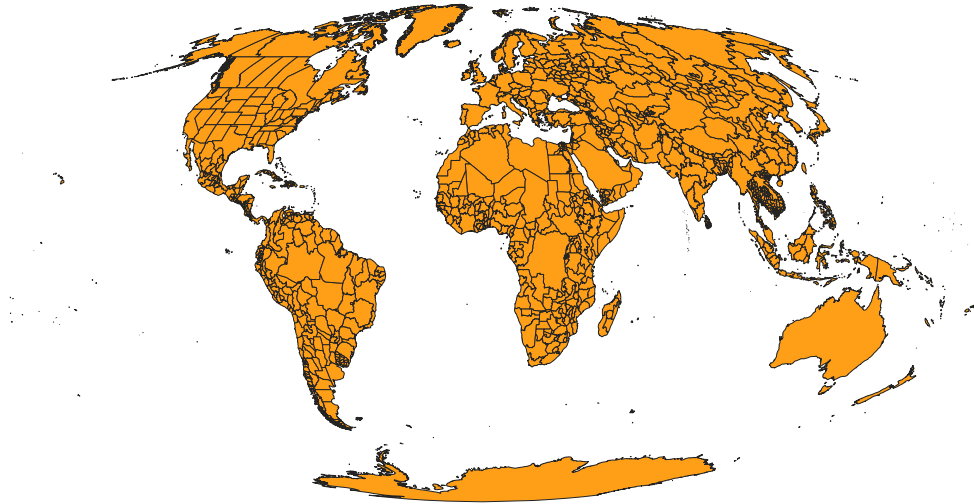
Part 2

1. Longitude is West and Negative
2. Latitude is South and Positive.
3. 42 degrees and 21 minutes AND -71 degrees and 6 minutes
4. Fenway Park in Massachusetts. It is a baseball stadium.

5a) EPSG:4326 - WGS 84

5b) 1097.115 km

Part 3



6a) The biggest difference from the original IMR.shp.map. is that it is not flat. The map is a Mollweide projection, which shows the map of the world in the shape of an ellipse.

6b) My map is best suited to show a wide range of global phenomenon like “population to land cover to major diseases.” I would use this map to show the spread of COVID-19 throughout the world.

7a) ISO3v10

7b)

	TEXTID	NUMID	ISO3V10	REG_NAME	YEAR	IMR	ADJIMR	Continent	Continent_No
1	ABW	39755	ABW	Aruba	-9999	-9999.0000...	-9999.0000...	Americas	2
2	AFG	30385	AFG	Afghanistan	2000	165.000000...	165.000000...	Asia	4
3	AGO1	29472	AGO	Regi o Capi...	2001	150.000000...	154.000000...	Africa	1
4	AGO2	29473	AGO	Regi o Norte	2001	156.000000...	160.200000...	Africa	1
5	AGO3	29474	AGO	Regi o Este	2001	135.000000...	138.600000...	Africa	1
6	AGO4	29475	AGO	Regi o Oeste	2001	181.000000...	185.800000...	Africa	1
7	AGO5	29476	AGO	Regi o Sul	2001	162.000000...	166.300000...	Africa	1
8	AGO6	29477	AGO	Regi o Cent...	2001	123.000000...	126.300000...	Africa	1
9	AIA	39756	AIA	Anguilla	-9999	-9999.0000...	-9999.0000...	Americas	2
10	ALB	30386	ALB	Albania	2000	27.000000...	27.000000...	Europe	5
11	AM4 1	37057	ARM	Aragatsotn	2000	57.500000...	41.800000...	Asia	4
12	AM4 2	37058	ARM	Ararat	2000	45.900000...	33.400000...	Asia	4
13	AM4 3	37059	ARM	Armavir	2000	37.300000...	27.100000...	Asia	4
14	AM4 4	37060	ARM	Gegharkunik	2000	67.000000...	48.700000...	Asia	4
15	AM4 5	37061	ARM	Lori	2000	52.500000...	38.200000...	Asia	4
16	AM4 6	37062	ARM	Kotayk	2000	44.900000...	32.700000...	Asia	4
17	AM4 7	37063	ARM	Shirak	2000	40.000000...	29.100000...	Asia	4
18	AM4 8	37064	ARM	Syunik	2000	40.000000...	29.100000...	Asia	4
19	AM4 9	37065	ARM	Vayots Dzor	2000	61.600000...	44.800000...	Asia	4
20	AM410	37066	ARM	Tavush	2000	33.800000...	24.600000...	Asia	4
21	AM411	37067	ARM	Yerevan	2000	34.200000...	24.900000...	Asia	4
22	AND	30388	AND	Andorra	2000	6.000000...	6.000000...	Europe	5
23	ANT	39757	ANT	Netherlands ...	-9999	-9999.0000...	-9999.0000...	Americas	2
24	ARE	30565	ARE	United Arab ...	2000	8.000000...	8.000000...	Asia	4
25	ARG-BAI	253	ARG	Buenos Aires	1999	16.600000...	16.000000...	Americas	2
26	ARG-CHA	255	ARG	Chaco	1999	15.300000...	14.800000...	Americas	2
27	ARG-CHB	256	ARG	Chubut	1999	22.900000...	22.100000...	Americas	2
28	ARG-CBD	257	ARG	Corrientes	1999	28.000000...	28.000000...	Americas	2

7c)

