

1. Method 1

Select 18 countries and divide them into 3 sub-groups.

Table One(Original Index):

Country	GPI	PPI	WHI	FSI	HDI
Nigeria	2.725	3.836	4.552	97.2	0.535
Iran	2.687	3.567	4.888	84.1	0.774
Malaysia	1.471	2.587	5.711	56.4	0.803
Jamaica	1.99	2.833	5.85	62.1	0.709
Sri Lanka	2.02	3.322	4.362	79.3	0.782
Canada	1.389	1.366	7.025	20.1	0.936
Ireland	1.288	1.433	7.041	20.8	0.945
Uk	1.667	1.693	6.943	40.6	0.929
Finland	1.439	1.258	7.821	15.1	0.94
Norway	1.46	1.274	7.365	15.6	0.961
Thailand	2.098	2.937	5.891	70	0.8
Greece	1.838	2.234	5.948	55.8	0.887
France	1.893	1.574	6.687	30.9	0.903
Uganda	2.309	3.845	4.603	92.1	0.525
India	2.578	3.216	3.777	75.3	0.633
poland	1.552	2.141	6.123	42.2	0.876
Peru	2.091	3.004	5.559	69.8	0.762
Mexico	2.612	3.123	6.128	70.3	0.758

Table Two(after scaled) :

Country	GPI	PPI	WHI	FSI	HDI
Nigeria	0	0.35	19.16	0	2.29
Iran	2.64	10.75	27.47	15.96	57.11
Malaysia	87.27	48.63	47.82	49.7	63.76
Jamaica	51.15	39.12	51.26	42.75	42.2
Sri Lanka	49.06	20.22	14.47	21.8	58.94
Canada	92.97	95.83	80.32	93.91	94.27
Ireland	100	93.24	80.71	93.06	96.33
Uk	73.63	83.19	78.29	68.94	92.66
Finland	89.49	100	100	100	95.18
Norway	88.03	99.38	88.72	99.39	100
Thailand	43.63	35.1	52.27	33.13	63.07

Greece	61.73	62.27	53.68	50.43	83.03
France	57.9	87.79	71.96	80.76	86.7
Uganda	28.95	0	20.43	6.21	0
India	10.23	24.31	0	26.67	24.77
poland	81.63	65.87	58.01	66.99	80.5
Peru	44.12	32.51	44.07	33.37	54.36
mexico	7.86	27.91	58.14	32.76	53.44

Table 3:

Country	GPI	PPI	WHI	FSI	HDI	
Nigeria	0	0.35	19.16	0	2.29	low
Iran	2.64	10.75	27.47	15.96	57.11	low
Malaysia	87.27	48.63	47.82	49.7	63.76	medium
Jamaica	51.15	39.12	51.26	42.75	42.2	medium
Sri Lanka	49.06	20.22	14.47	21.8	58.94	low
Canada	92.97	95.83	80.32	93.91	94.27	high
Ireland	100	93.24	80.71	93.06	96.33	high
Uk	73.63	83.19	78.29	68.94	92.66	high
Finland	89.49	100	100	100	95.18	high
Norway	88.03	99.38	88.72	99.39	100	high
Thailand	43.63	35.1	52.27	33.13	63.07	medium
Greece	61.73	62.27	53.68	50.43	83.03	medium
France	57.9	87.79	71.96	80.76	86.7	high
Uganda	28.95	0	20.43	6.21	0	low
India	10.23	24.31	0	26.67	24.77	low
poland	81.63	65.87	58.01	66.99	80.5	medium
Peru	44.12	32.51	44.07	33.37	54.36	medium
mexico	7.86	27.91	58.14	32.76	53.44	low

2. Method 1

Use all data and find the absolute value of 33% percentile and 66% percentile for each index. Based on 33% percentile and 66% percentile, we will divide the countries into three groups depending on which range that the country's index value falls into.

GPI:

TOTAL NUMBER: 163

33% PERCENTILE: 1.839

66% PERCENTILE: 2.144

If the value is smaller than 1.839, the index would be colored as green.

If the value is smaller than 2.144 and greater than 1.839, the index would be colored as yellow.

If the value is greater than 2.144, the index would be colored as red.

PPI:

TOTAL NUMBER: 163

33% PERCENTILE: 2.866

66% PERCENTILE: 3.567

If the value is smaller than 2.866, the index would be colored as green.

If the value is smaller than 3.567 and greater than 2.866, the index would be colored as yellow.

If the value is greater than 3.567, the index would be colored as red.

FSI:

TOTAL NUMBER: 179

33% PERCENTILE: 56.848

66% PERCENTILE: 78.148

If the value is smaller than 56.848, the index would be colored as green.

If the value is smaller than 78.148 and greater than 56.848, the index would be colored as yellow.

If the value is greater than 78.148, the index would be colored as red.

WHI:

TOTAL NUMBER: 146

33% PERCENTILE: 5.083

66% PERCENTILE: 6.100

If the value is greater than 6.100, the index would be colored as green.

If the value is smaller than 6.100 and greater than 5.083, the index would be colored as yellow.

If the value is smaller than 5.083, the index would be colored as red.

HDI:

TOTAL NUMBER: 191

33% PERCENTILE: 0.662

66% PERCENTILE: 0.800

If the value is greater than 0.800, the index would be colored as green.

If the value is smaller than 0.800 and greater than 0.662, the index would be colored as yellow.

If the value is smaller than 0.662, the index would be colored as red.

Country	GPI	PPI	WHI	FSI	HDI	
Nigeria	2.725	3.836	4.552	97.2	0.535	low
Iran	2.687	3.567	4.888	84.1	0.774	high
Sri Lanka	2.02	3.322	4.362	79.3	0.782	medium
Canada	1.389	1.366	7.025	20.1	0.936	high
Ireland	1.288	1.433	7.041	20.8	0.945	high

Uk	1.667	1.693	6.943	40.6	0.929	high
Finland	1.439	1.258	7.821	15.1	0.94	high
Norway	1.46	1.274	7.365	15.6	0.961	high
Uganda	2.309	3.845	4.603	92.1	0.525	low
India	2.578	3.216	3.777	75.3	0.633	low