

Positive Peace 2022

Analysing the factors that build,
predict and sustain peace.

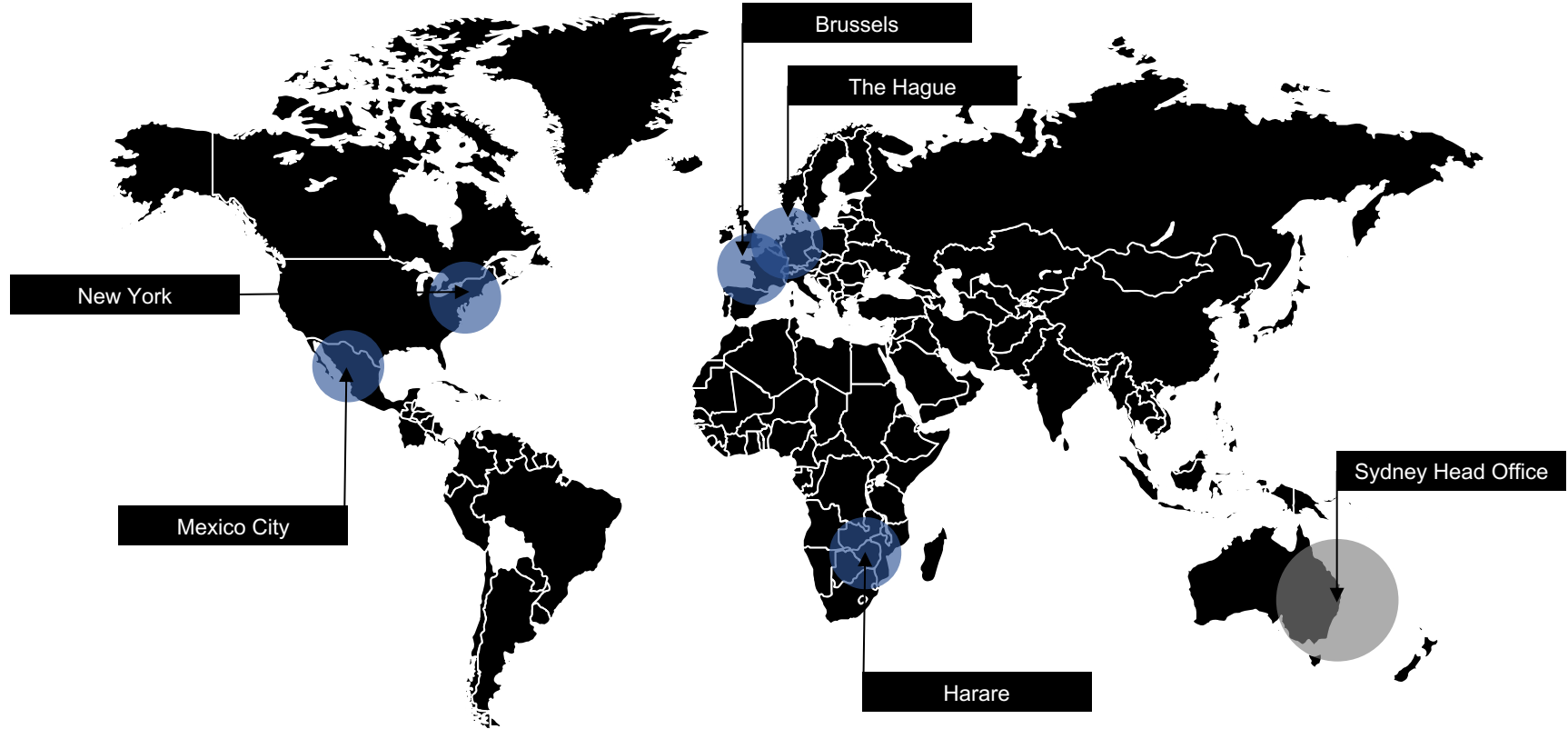




The Institute for Economics and Peace is an independent, not-for-profit think tank dedicated to building a **greater understanding** of the **key drivers** of peace, as well as identifying the **economic benefits** that increased peacefulness can deliver.



Our international offices



About the Institute



- Research used extensively by organisations including the OECD, Commonwealth Secretariat, World Bank and the United Nations.
- Work is included in 1,000s of university courses and trained over 1,500 IEP ambassadors.
- Over 200,000 downloads of IEP reports last 12 months.

27BN

GLOBAL MEDIA REACH

980M

SOCIAL REACH

152

COUNTRY REACH

20,000

NEWS ARTICLES

3000

BOOK REFERENCES

1.5M

UNIQUE VISITORS



01.

What is Positive Peace?



What is Positive Peace?



The Global Peace Index



Now in its
15th
year

Ranks
163
countries

According to
their relative
states of peace

Using
23
Indicators
weighed on a
1-5 scale

Developed by
the Institute for
Economics and
Peace

Guided and
overseen by a
panel of
**International
Experts**



6 measures of ongoing domestic and international conflict

Including: intensity of organized internal conflicts, relations with neighbouring countries and number of deaths from conflict

10 measures of societal safety and security

Including: number of refugees and IDPs, impact of terrorism, homicide and incarceration rates

7 measures of militarisation

Including: military expenditure, number of armed service personnel, ease of access to small weapons



Defining and measuring peace

The perfect state would have no police, jails or crime.

Actual Peace

Crime
Suppression
Military
Armed Conflict

> **GPI** >

Positive Peace

Derived through statistical
analysis of datasets,
indices and attitudes with
the GPI



Positive Peace Index



Positive Peace

Positive Peace creates the optimum environment for human potential to flourish.



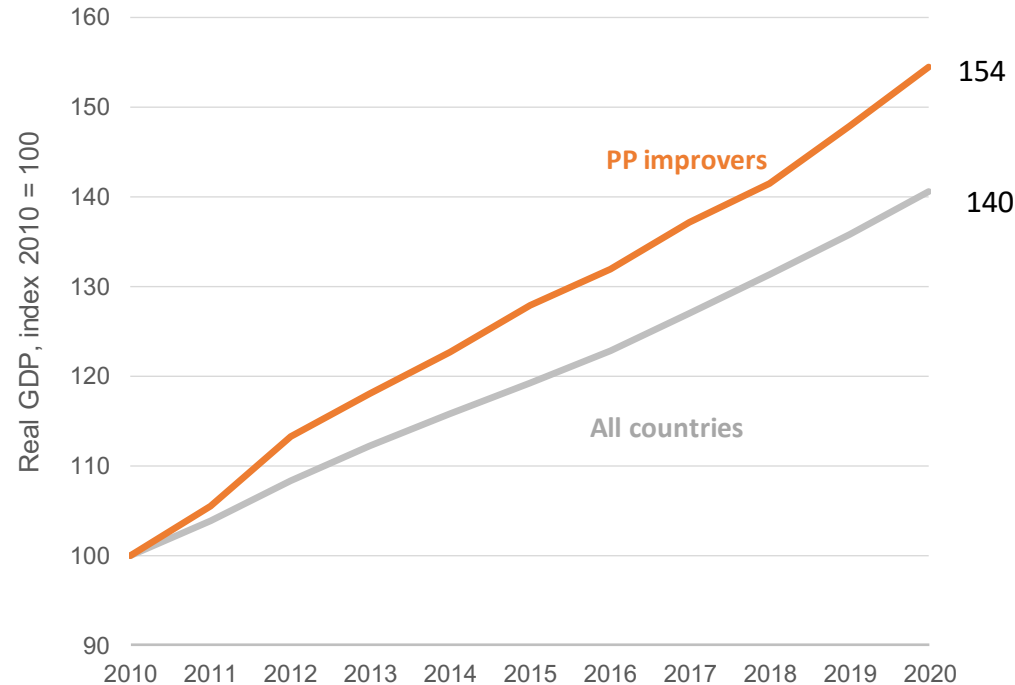
High levels of Positive Peace are associated with:

- Higher per capita income
- Resilience
- Better environmental outcomes
- Higher measures of wellbeing
- Better performance on SDGs



Countries that improve in Positive Peace outperform the global average

Growth in real GDP of a portfolio of countries that improve in Positive Peace exceeds an equally weighted global average by 33 per cent over 10 year period.

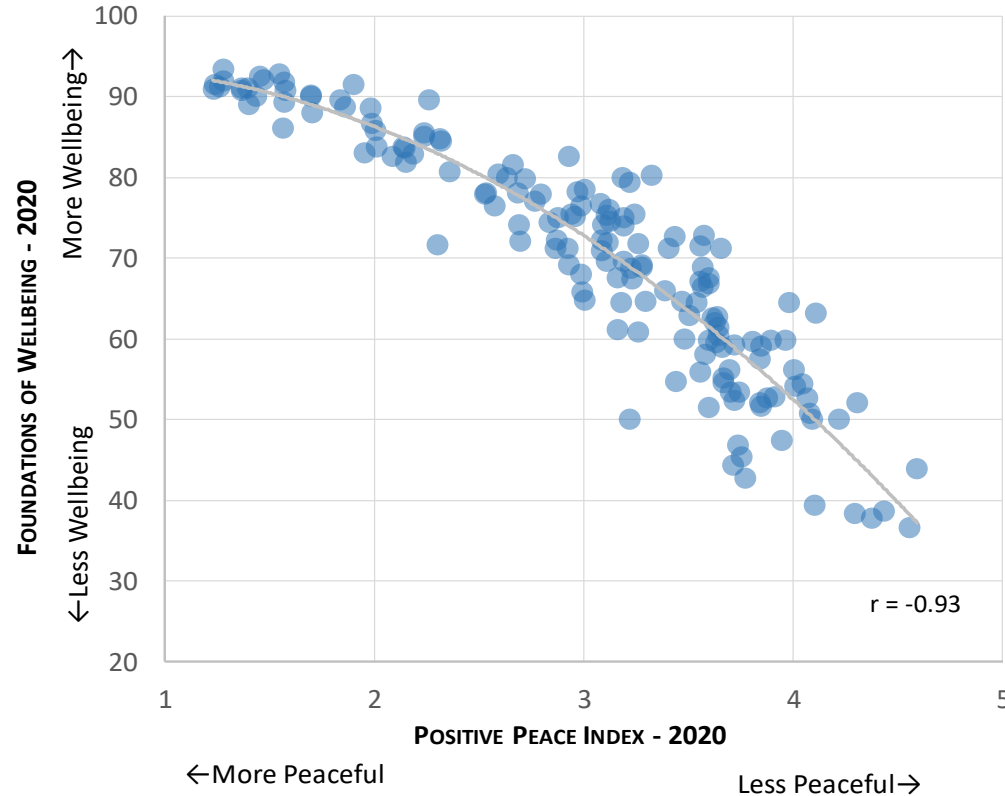


Source: IEP; World Bank



Social Wellbeing and Positive Peace

There is a close correlation between the SPI Foundations of Wellbeing scores and PPI scores.

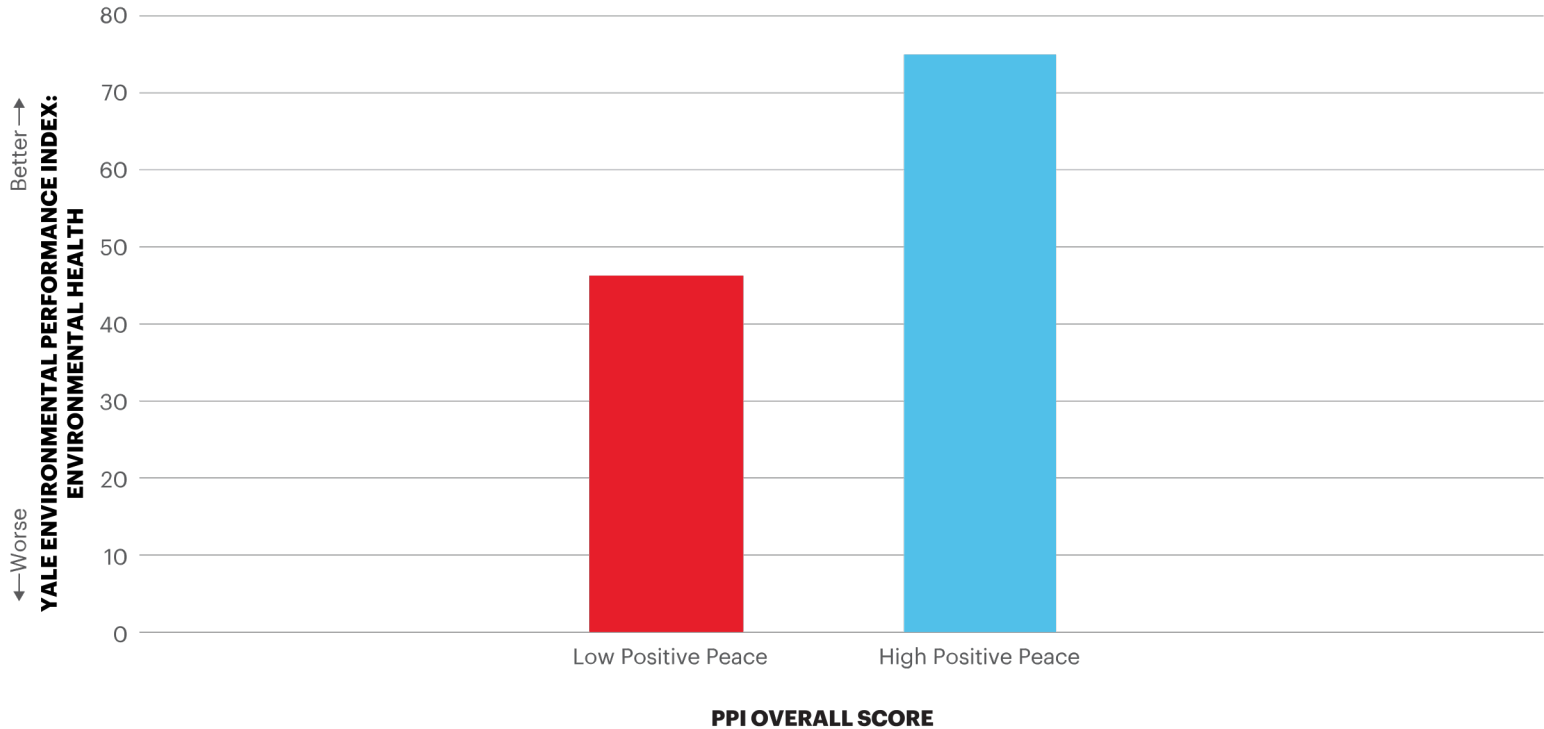


Source: IEP, Social Progress Imperative



Environmental scores and Positive Peace, 2019

Countries with high Positive Peace also record stronger environmental performance.



Source: Yale Environmental Performance Index, IEP



02. Systems

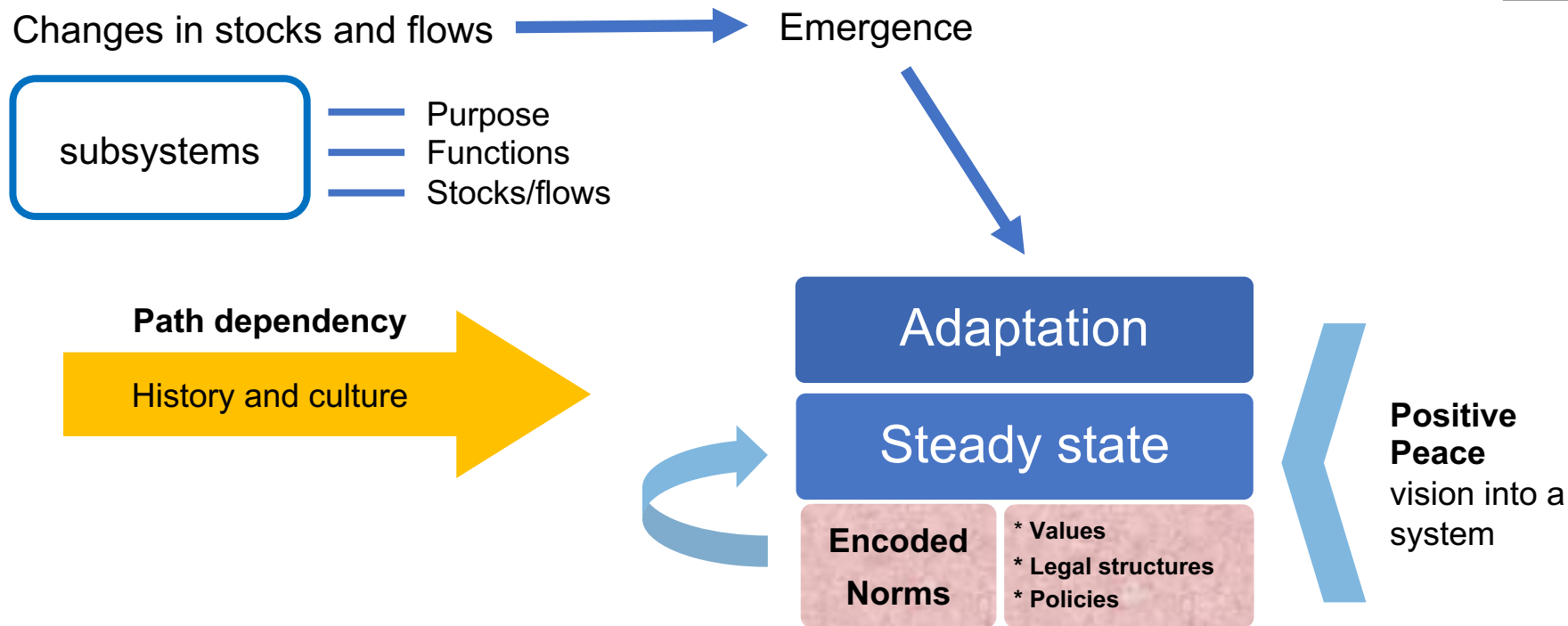


Positive Peace operates systemically

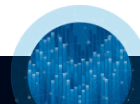
- The Pillars of Positive Peace provide entry points into a system
- Through stimulating each of the Pillars the whole of the system is stimulated
- Systems operate through feedback loops, encoded norms and steady state – not through causality
- Positive Peace can be used to measure emergent qualities of a system as well as sun-setting qualities
- Systems are not static, they have momentum. Positive Peace measures the momentum.
- Positive Peace is an excellent measure of the resilience of a system.



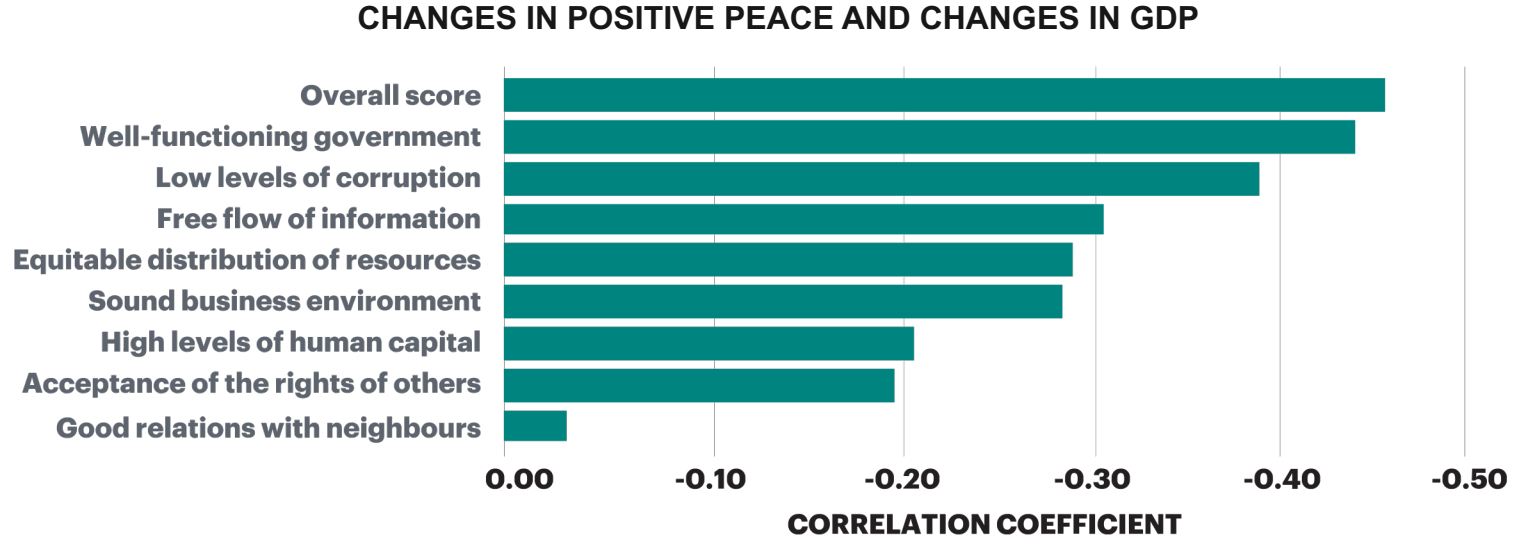
System – simple expression



Systems seek a steady state but are always adjusting because of a changing environment



The sum is more than the parts



Source: IEP; United Nations



03.

Rankings and Changes



The Positive Peace Index



Now in its
8th
year

Ranks
163
countries

Using
24
Indicators weighed
on a 1-5 scale

Developed by
the Institute
for Economics
and Peace

Empirically
derived

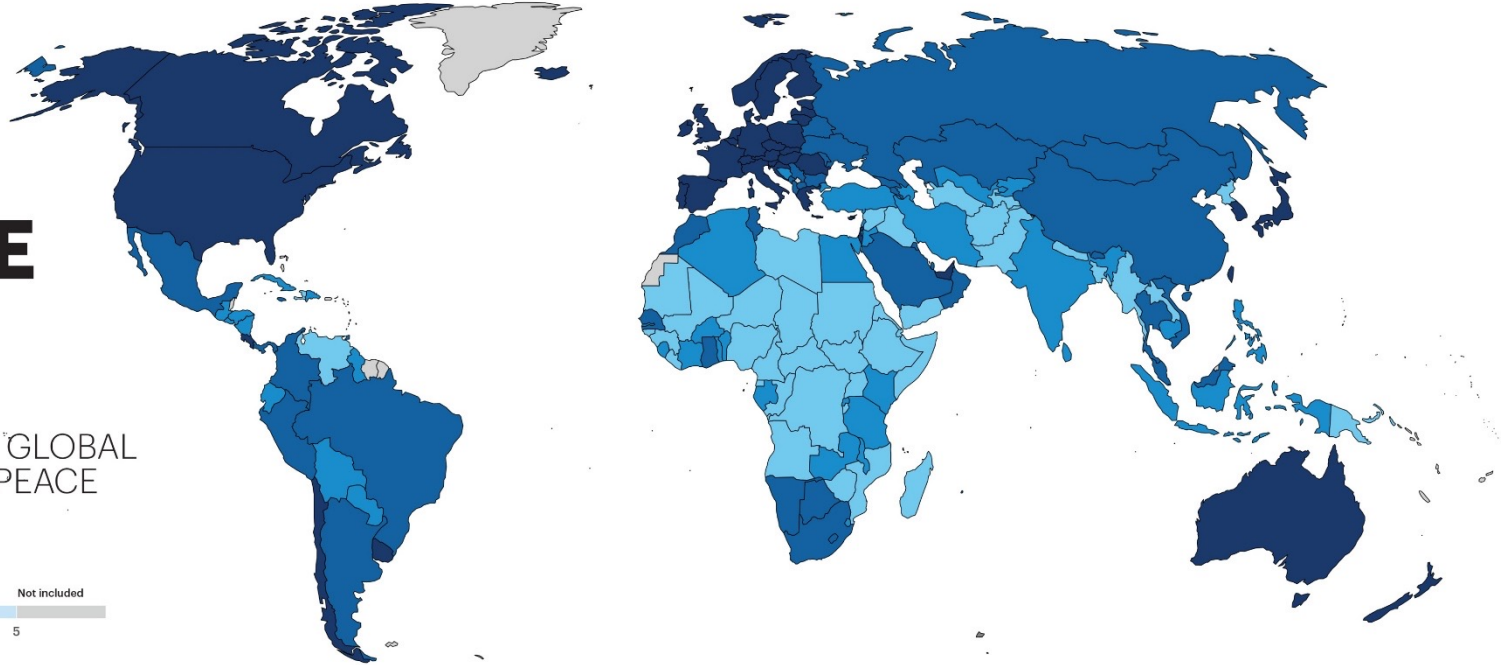
Uses over
25,000 datasets,
indexes and
surveys



2022 POSITIVE PEACE INDEX

A SNAPSHOT OF THE GLOBAL
LEVELS OF POSITIVE PEACE

THE STATE OF POSITIVE PEACE



Key findings – 10 years

Positive Peace improved
2.4%
globally in the past decade

126
countries became more
peaceful, 37 deteriorated

Improvements were driven by:

- *Free-Flow of Information*
- *Good Relations with Neighbours*
- *Equitable Distribution of Resources*

Deteriorations were driven by:

- *Changes in the 'Attitudes' domain*
- *Low Levels of Corruption Pillar*

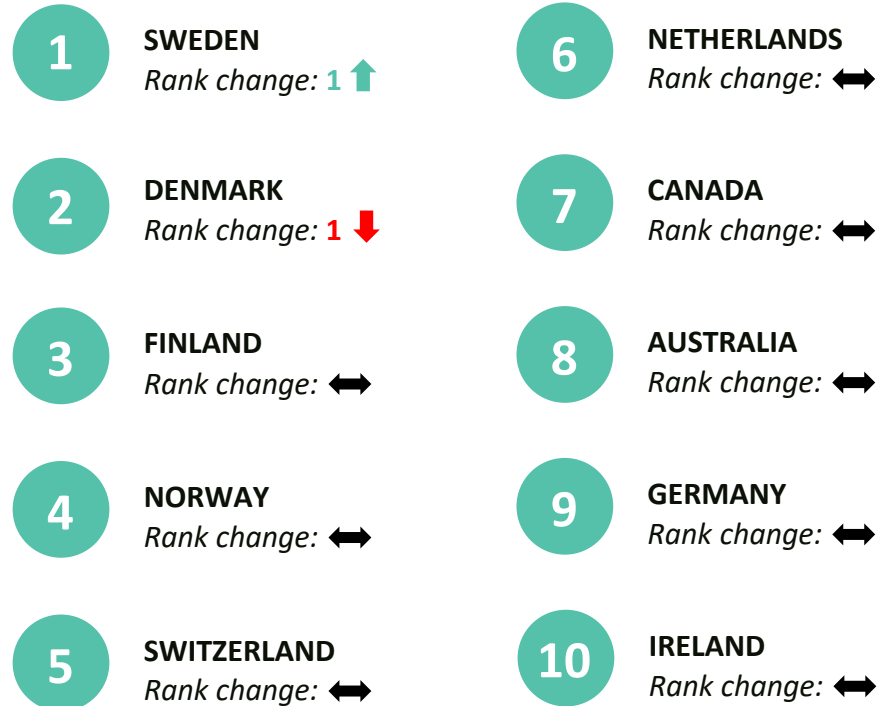


Key findings 10 years

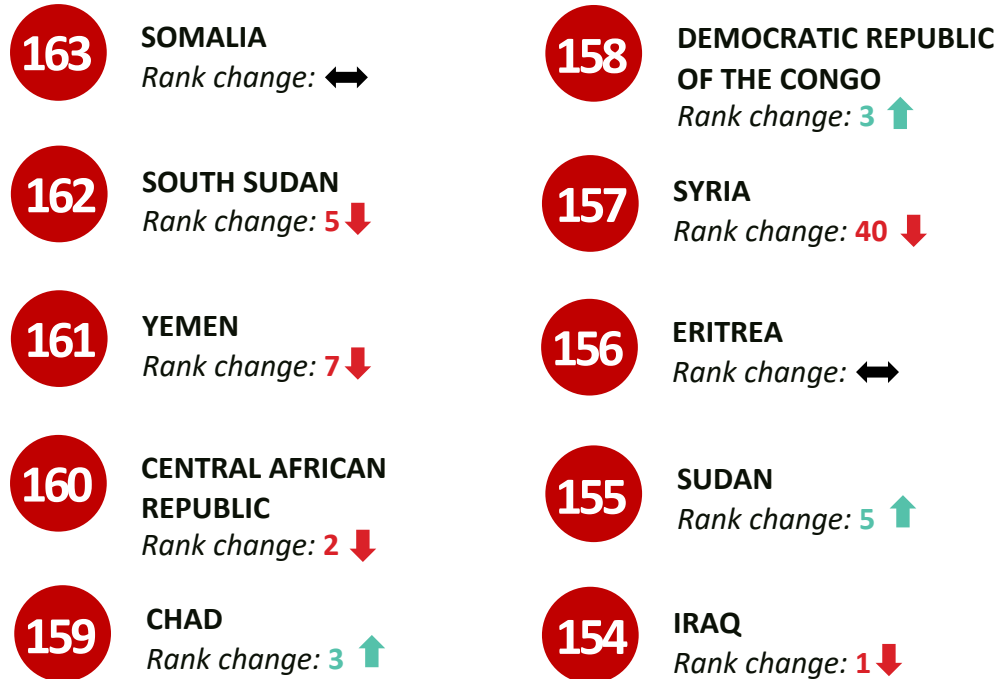
- Syria and Libya had the largest deteriorations
- North America was the only region to deteriorate
- Uzbekistan and Georgia had the largest improvements
- Asia Pacific had the largest regional improvement
- Europe remains the most peaceful region, but deteriorated on four Pillars



Positive Peace Index – Top Ten Nations (and Rank Changes over the Past Decade)

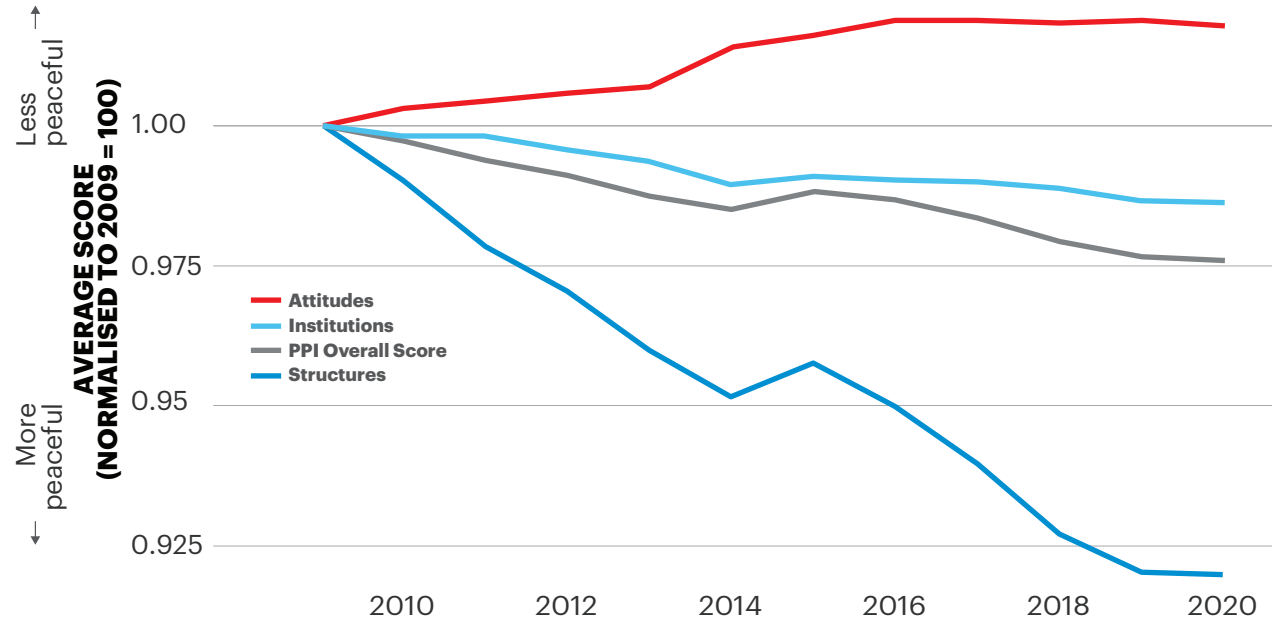


Positive Peace Index – Bottom Ten Nations (and Rank Changes over the Past Decade)



Changes in the *Attitudes, Institutions and Structures* of Positive Peace, 2009–2020

The improvement in the PPI since 2009 was largely driven by structural improvements. Institutional functioning has remained broadly the same over the period while attitudes have deteriorated.

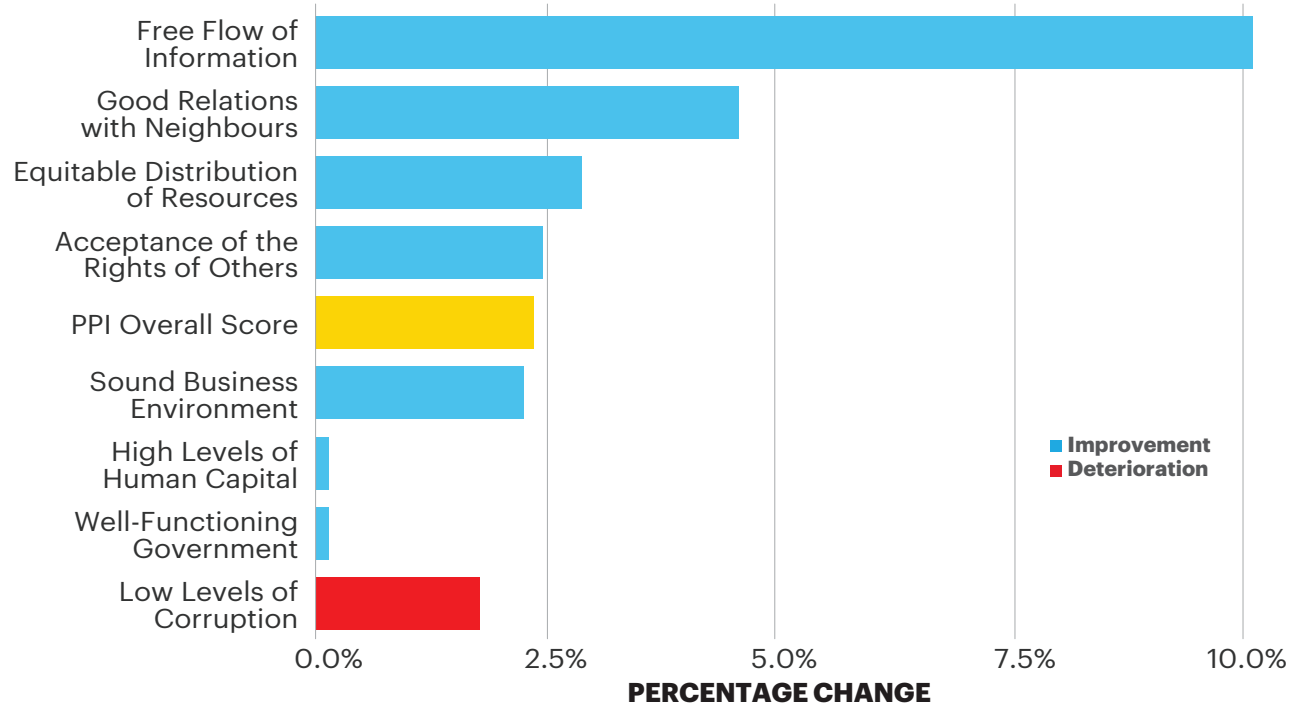


Source: IEP



Percentage Change in Positive Peace, 2009–2020

Seven of the eight Pillars have improved since 2009, with *Low Levels of Corruption* showing a deterioration over the period.

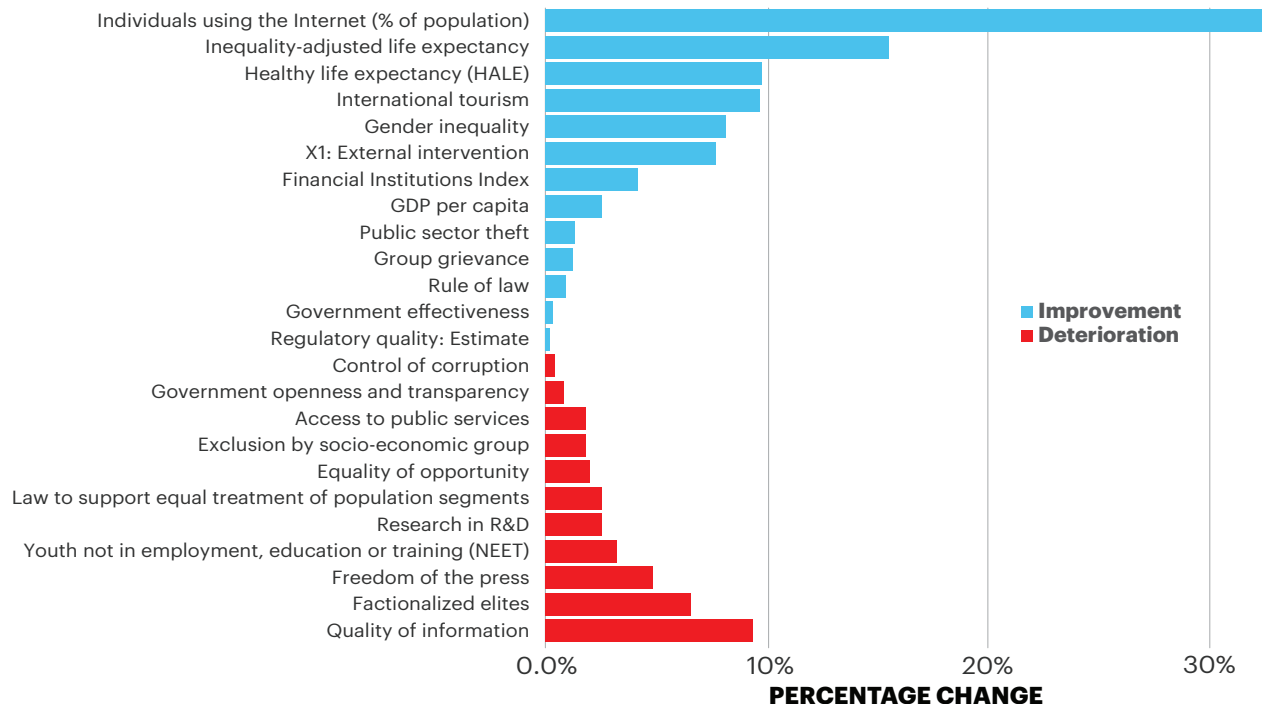


Source: IEP

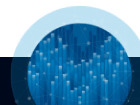


Percentage Change in PPI Indicators, 2009–2020

The *individuals using the Internet* indicator recorded the largest improvement, while the *quality of information* and *factionalised elites* indicators recorded the largest deteriorations.

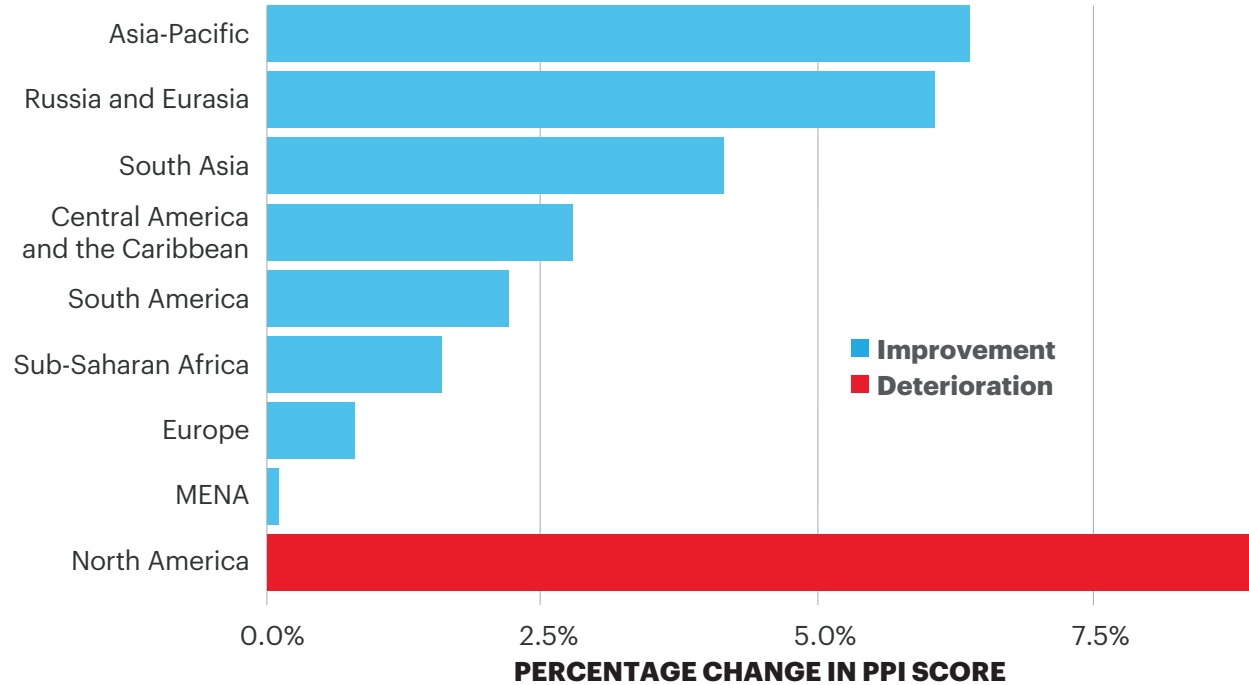


Source: IEP



Percentage Change in Average Regional Scores, 2009-2020

North America is the only region that did not improve in Positive Peace between 2009 and 2020, driven by a deterioration in Positive Peace in the United States.

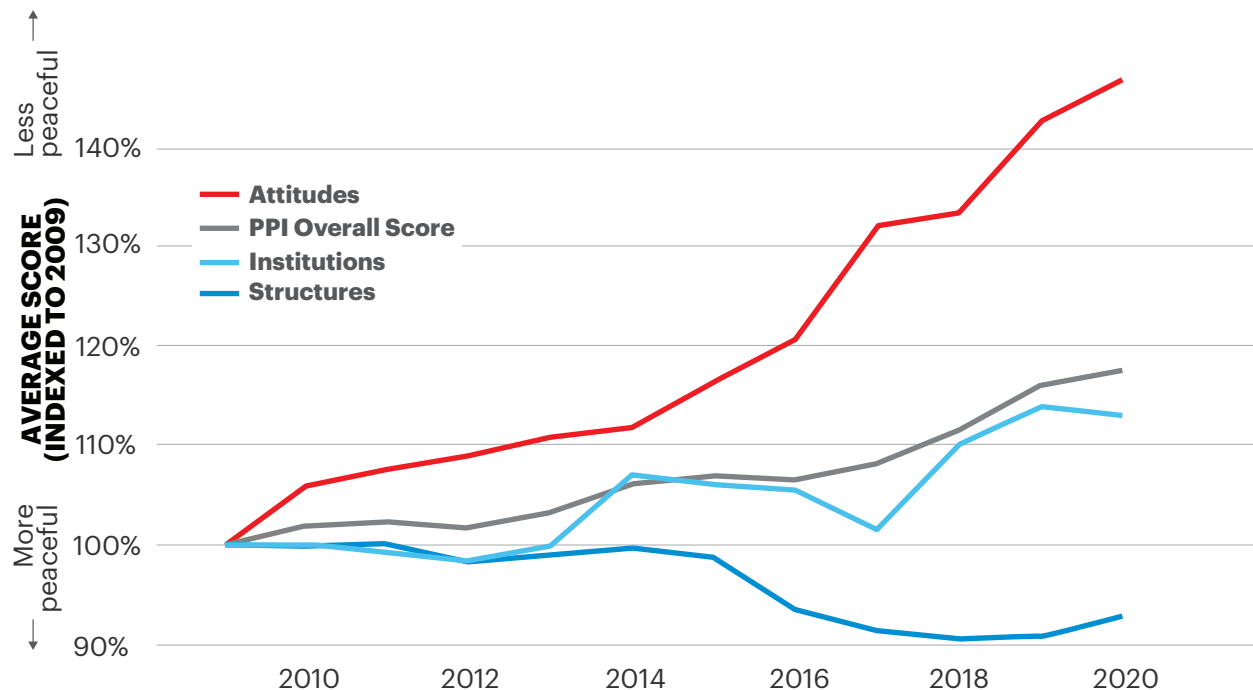


Source: IEP

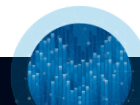


Changes in *Attitudes*, *Institutions* and *Structures* in the PPI, United States, 2009–2020

Positive Peace deteriorated in the US from 2009 on the back of poorer scores for institutional and attitude indicators.

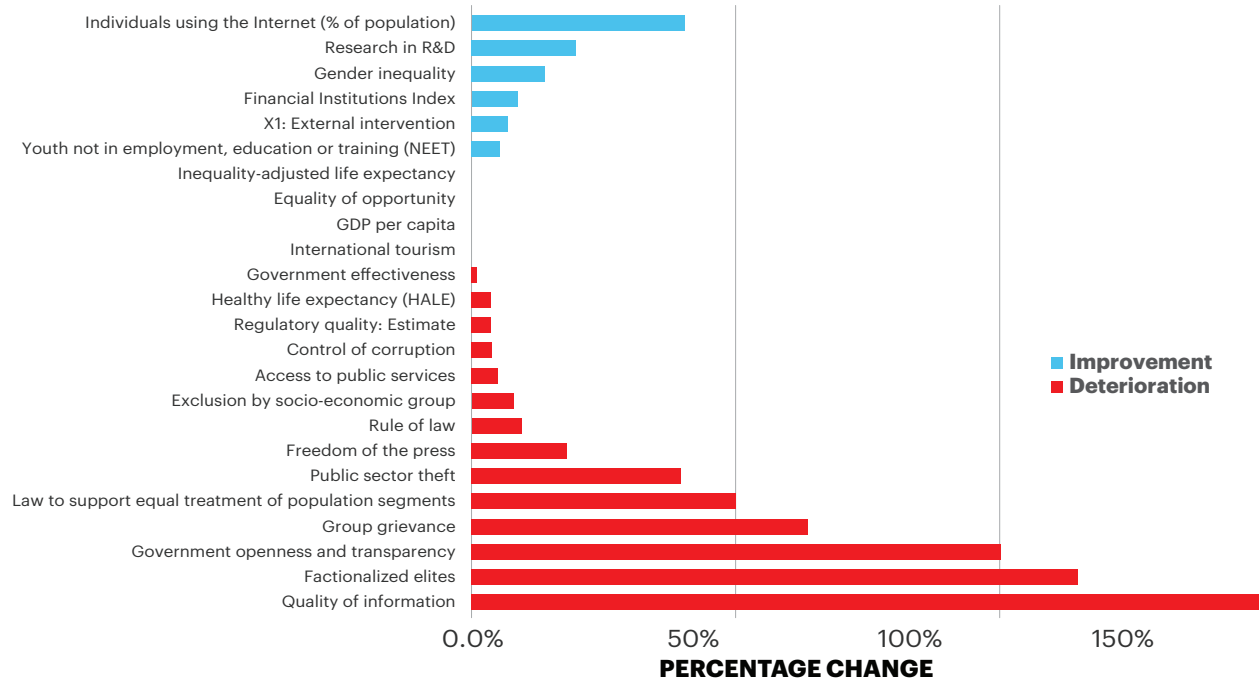


Source: IEP



Percentage Change in Positive Peace Indicators, United States, 2009–2020

The *quality of information* and *factionalised elites* indicators deteriorated substantially since 2009 in the US.

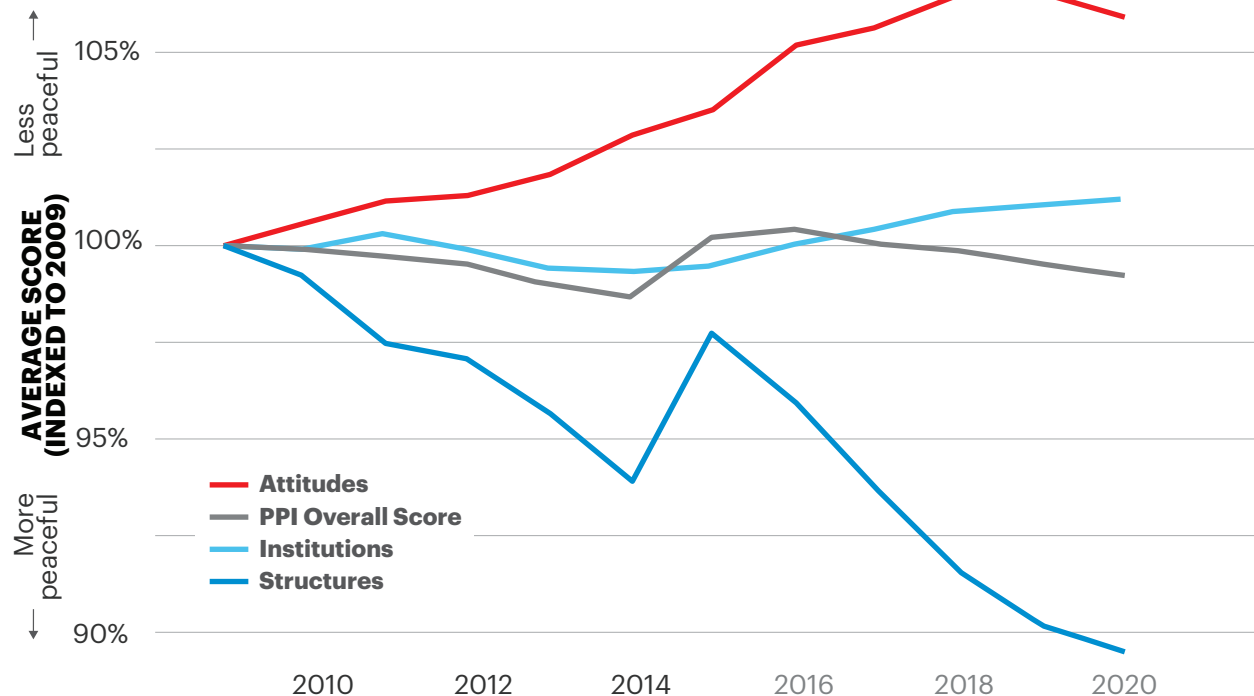


Source: IEP

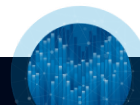


Change in *Attitudes*, *Institutions* and *Structures* in the PPI, Europe, 2009–2020

Improvements in the economy of southern and eastern European nations have contributed to benign structural outcomes for the region. In contrast, attitudes deteriorated markedly.

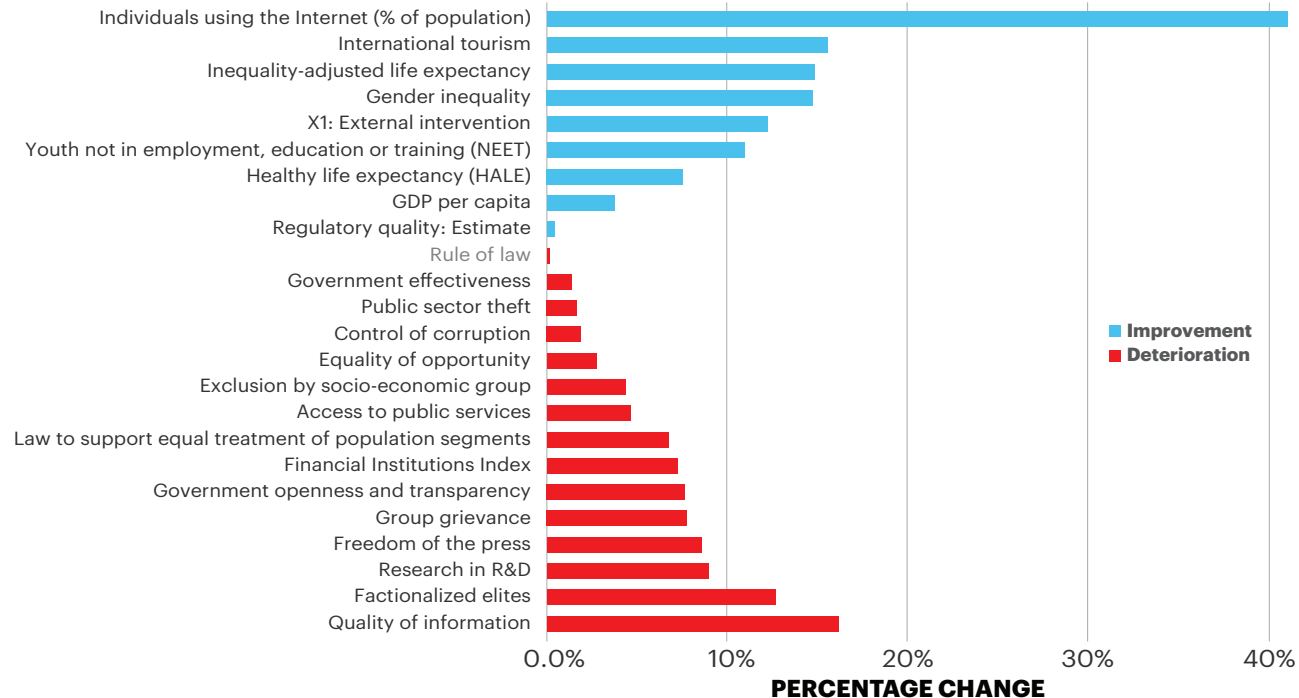


Source: IEP



Change in Positive Peace Indicators, Europe, 2009-2020

Substantial improvements in economic and health indicators were partially offset by worsening political radicalisation and quality of informed debate.

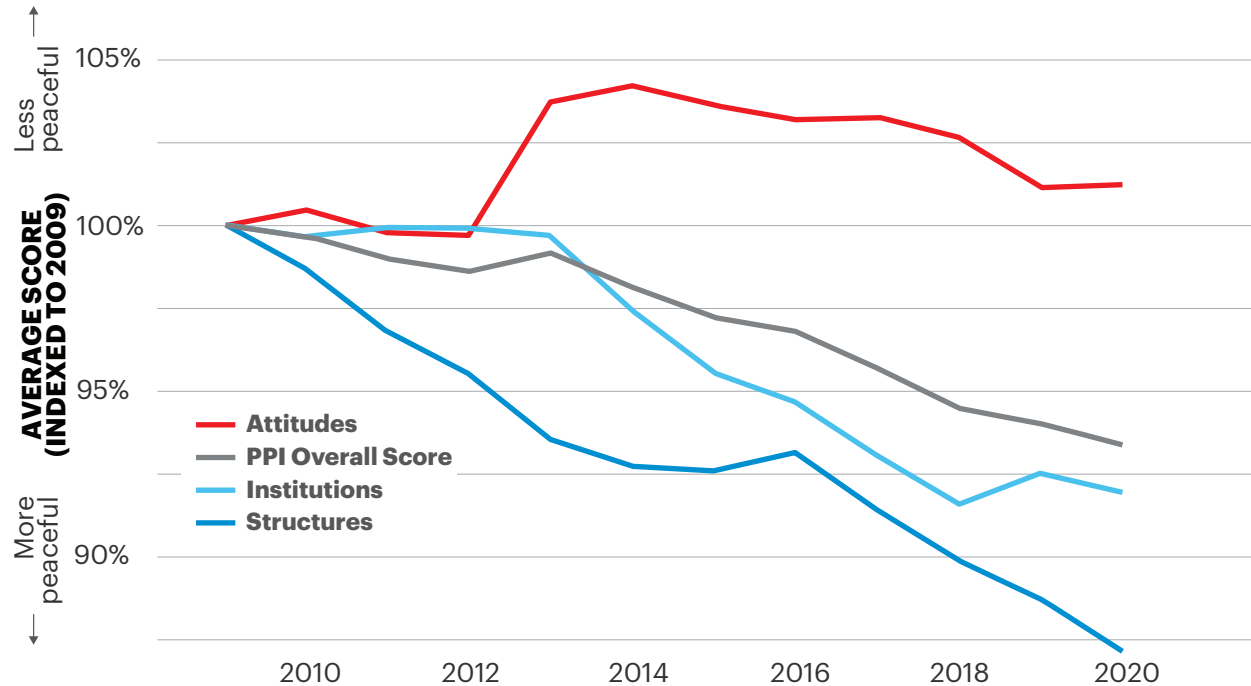


Source: IEP



Change in *Attitudes*, *Institutions* and *Structures* in the PPI, China, 2009–2020

Improvements in indicators of social structures have offset deteriorations caused by worsening attitudes.

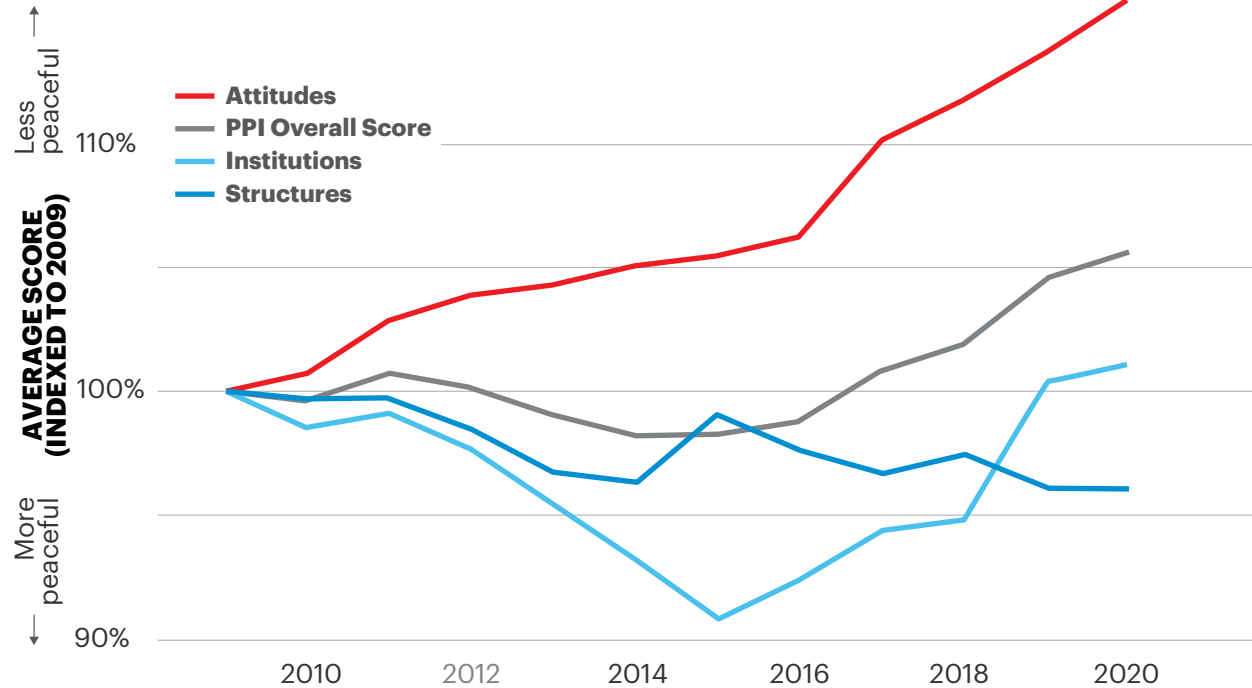


Source: IEP



Change in *Attitudes*, *Institutions* and *Structures* in the PPI, United Kingdom, 2009–2020

Since 2015, the *Attitudes* and *Institutions* Domains recorded substantial deteriorations in the UK.

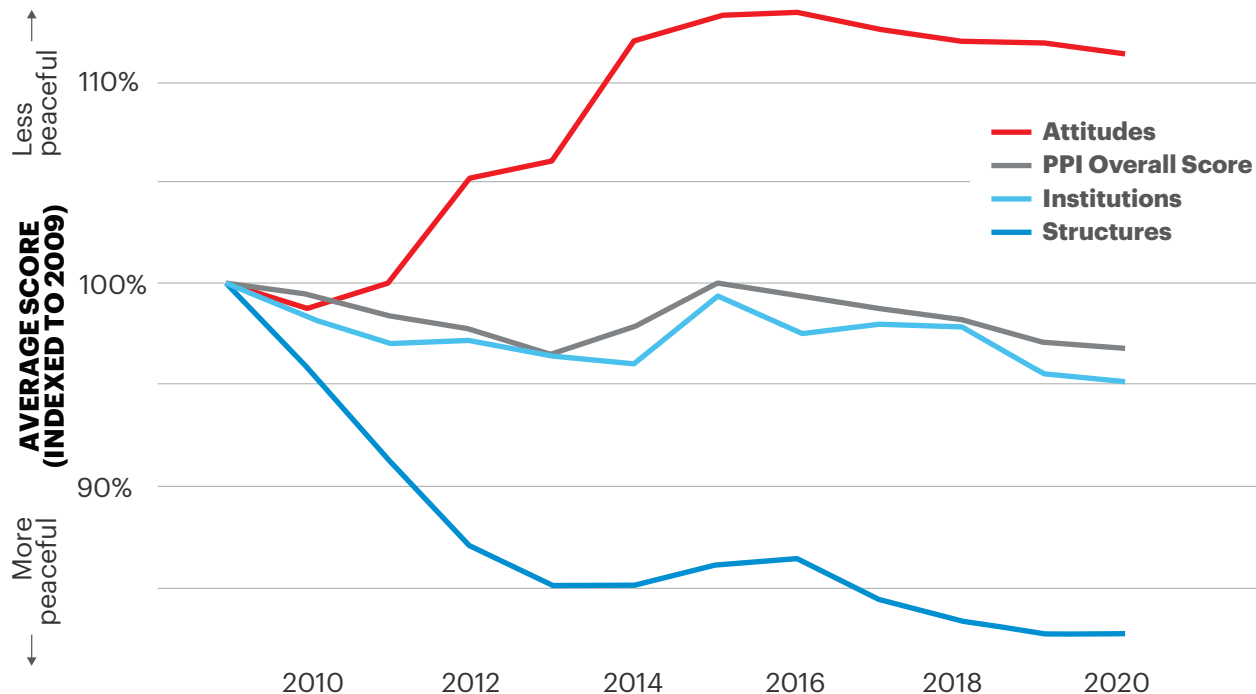


Source: IEP

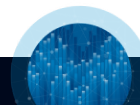


Change in *Attitudes*, *Institutions* and *Structures* in the PPI, Russia, 2009–2020

A large deterioration in Russia's *Attitudes* Domain from 2010 to 2014 was offset by improvements in *Structures*.

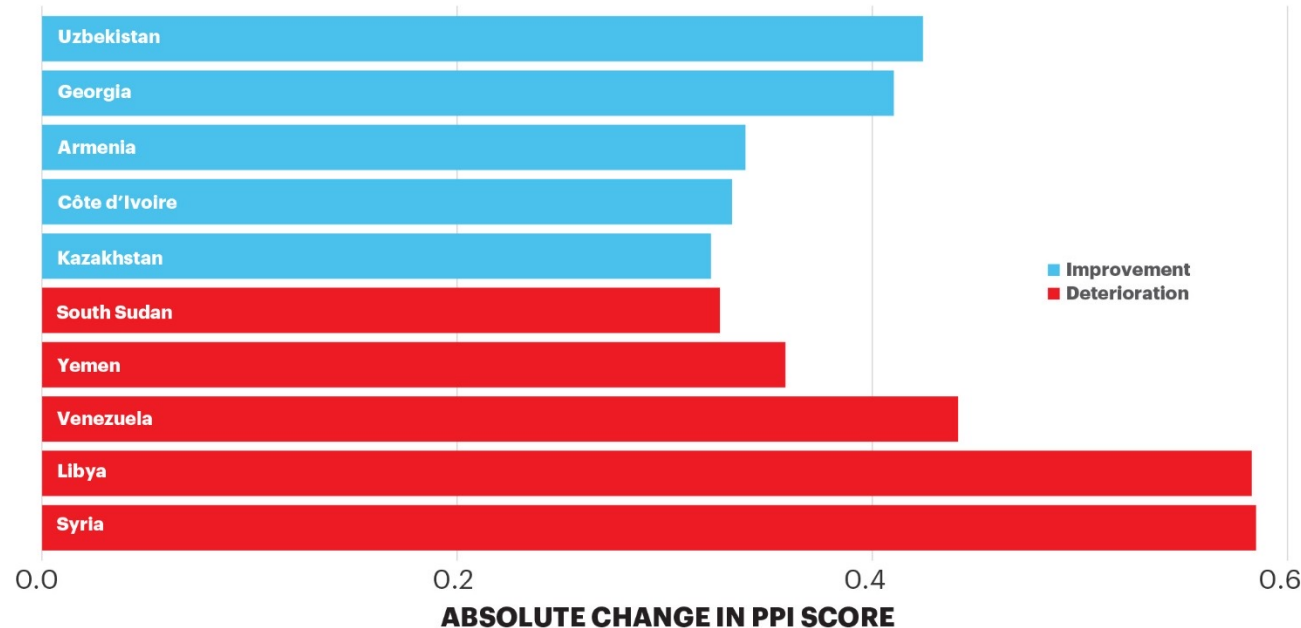


Source: IEP



Largest Changes in Positive Peace, 2009–2020

Uzbekistan and Georgia recorded the largest improvements in Positive Peace, while Syria and Libya recorded the largest declines.



Source: IEP



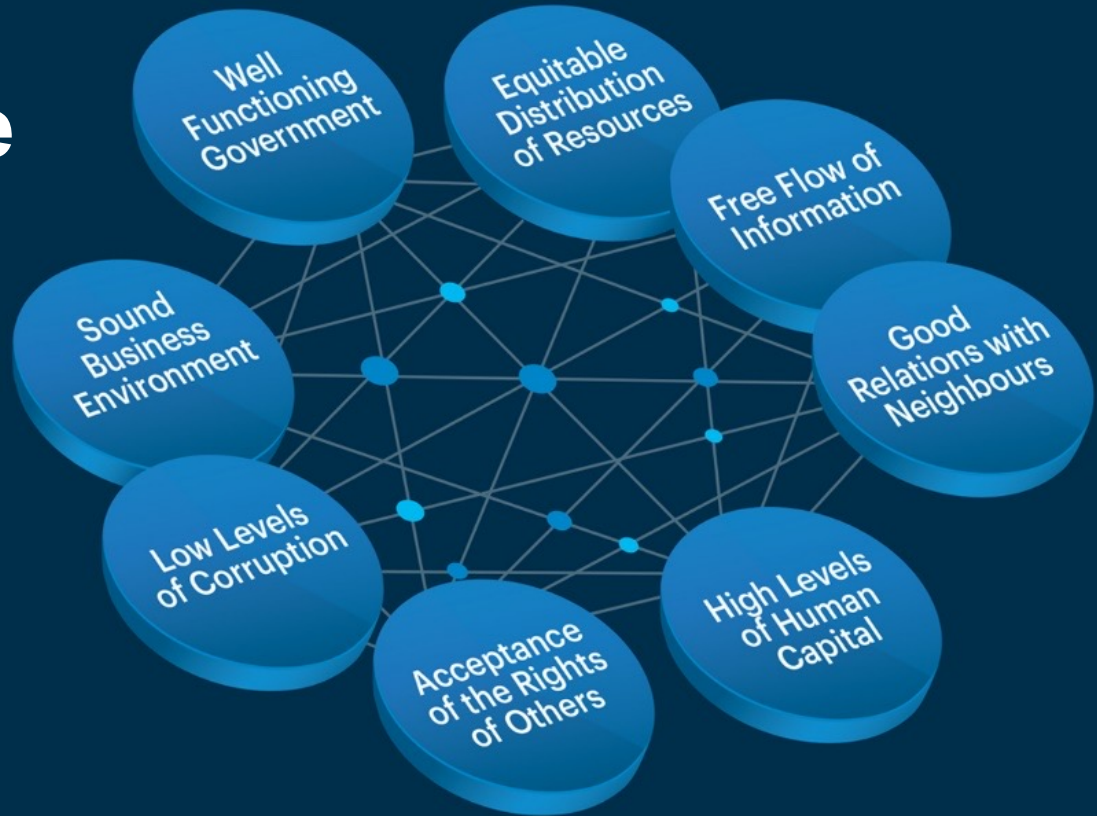
04.

Benefits of Positive Peace



Positive Peace

provides the optimal environment for human potential to flourish.



High levels of Positive Peace lead to:

1 Stronger
resilience &
adaptability

2 Better
environmental
outcomes

3 Higher
measures of
wellbeing

4 Better
performance on
development
goals

5 Higher per
capita income

6 Better business
environment

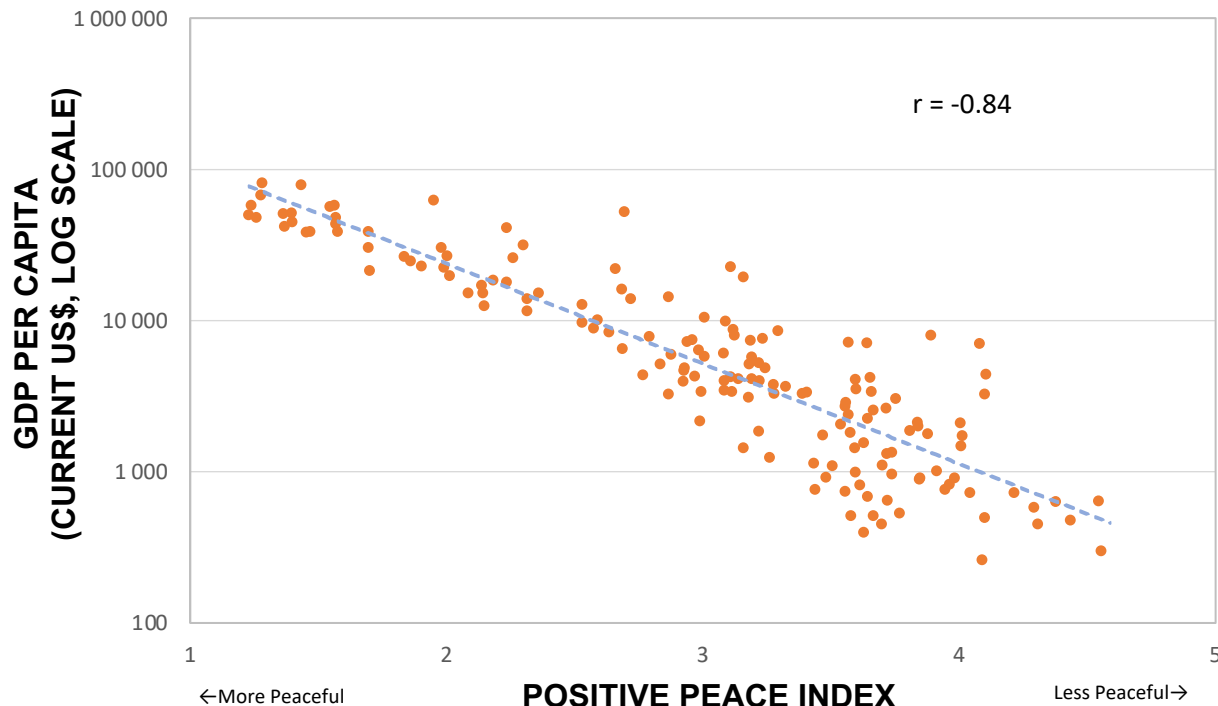


- Every one index point of improvement in the PPI is associated with a ten-fold rise in GDP.
- Household consumption in countries improving in Positive Peace **grows at twice the rate** relative to countries where Positive Peace deteriorates.
- Growth in business activity in countries where Positive Peace improved **was two times higher** than in countries where the PPI deteriorated in the last decade.
- Inflation rates in countries where Positive Peace deteriorated were **three times more volatile** when compared to countries where Positive Peace improved.
- Among PPI improvers, Foreign Direct Investment grew by more than two percentage points per year faster than in countries where the PPI deteriorated.

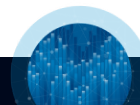


Positive Peace and GDP per capita, 2020

On average, across all levels of country income, every one index point improvement in the Positive Peace Index is associated with a tenfold rise in GDP per capita.

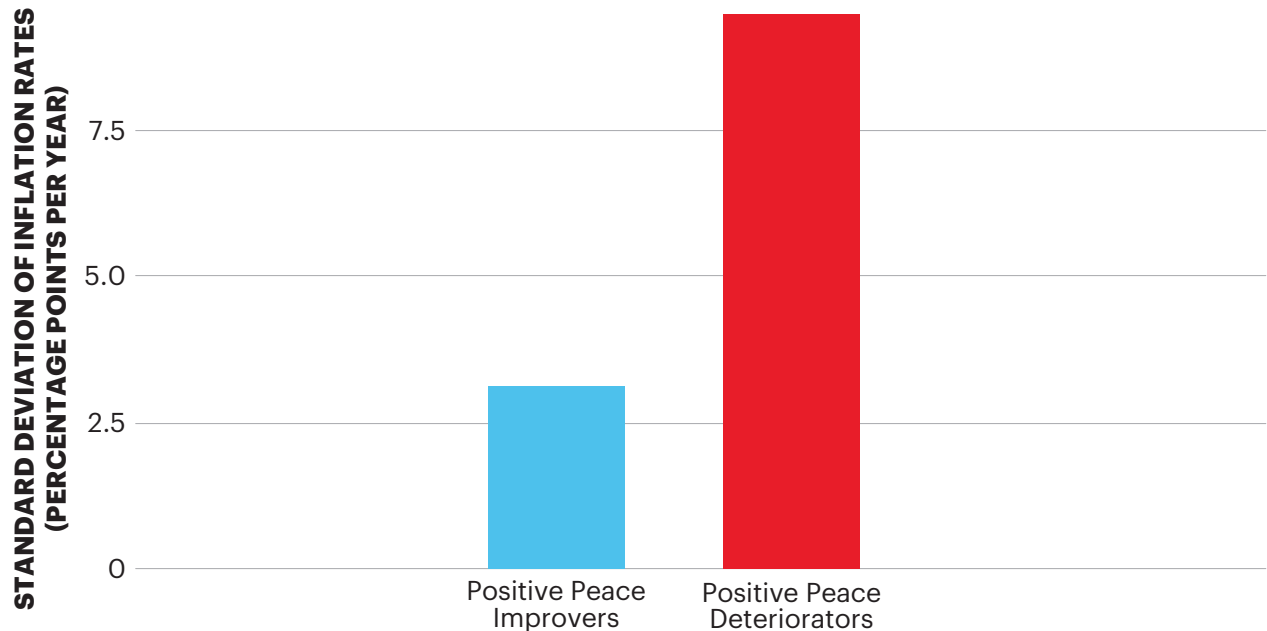


Source: IMF, IEP



Volatility of Inflation by Positive Peace Outcome, 2009 - 2020

Countries in which Positive Peace deteriorated recorded a standard deviation of inflation rates much greater than those countries where PPI improved.

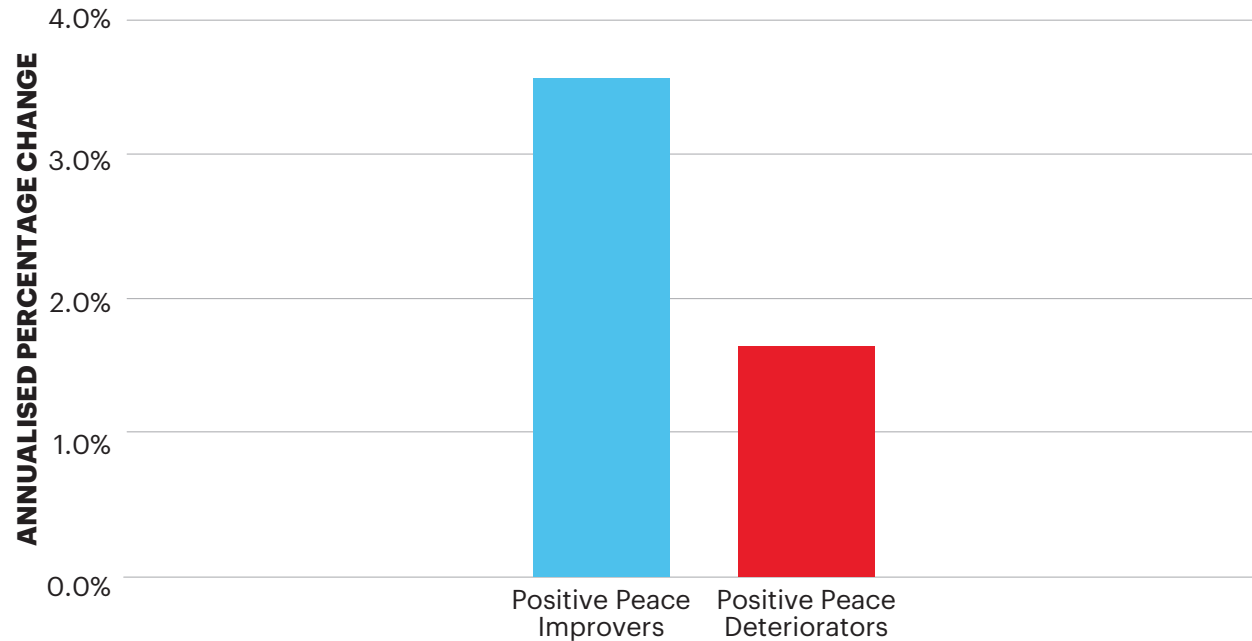


Source: IEP, World Bank



Changes in Household Consumption by Positive Peace, 2009–2020

Among countries where Positive Peace improved, household consumption rose from 2009 to 2020 at a rate much higher than in countries where the PPI deteriorated.

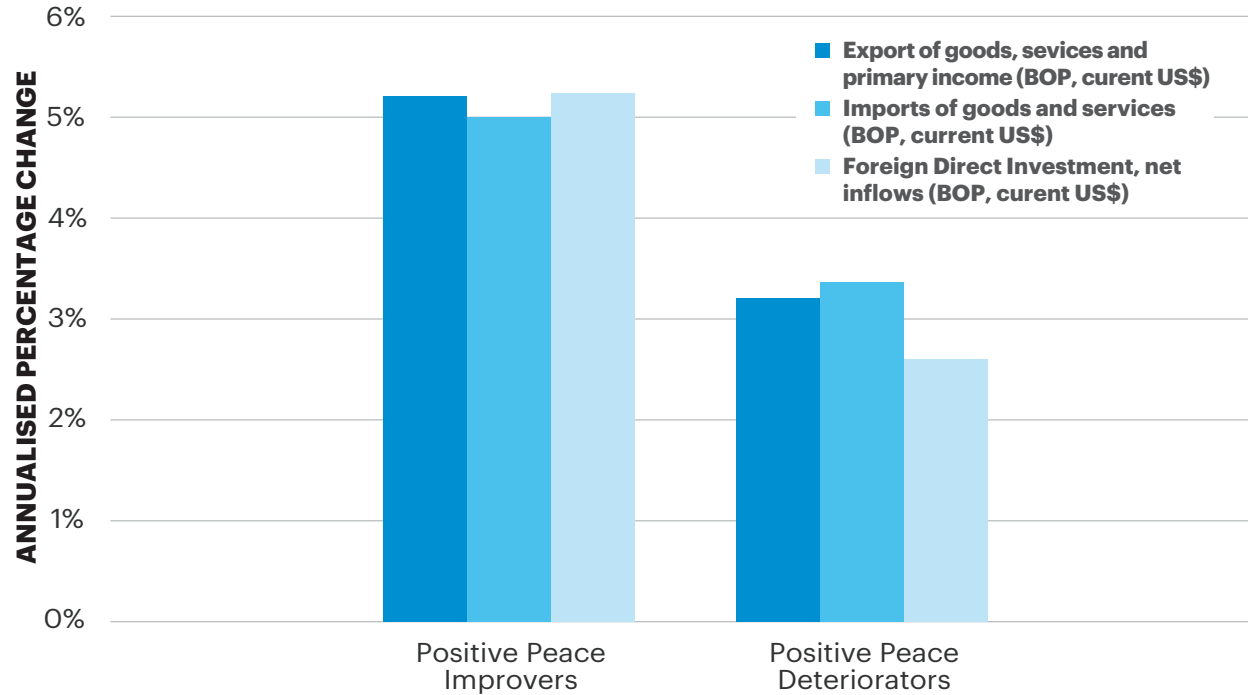


Source: IEP, World Bank



Changes in FDI and Trade by Positive Peace Outcome, 2009-2020

FDI flows towards PPI improvers grew strongly over the decade, while countries where Positive Peace deteriorated became less attractive in global capital markets. Trade is also stronger among countries improving in the PPI.

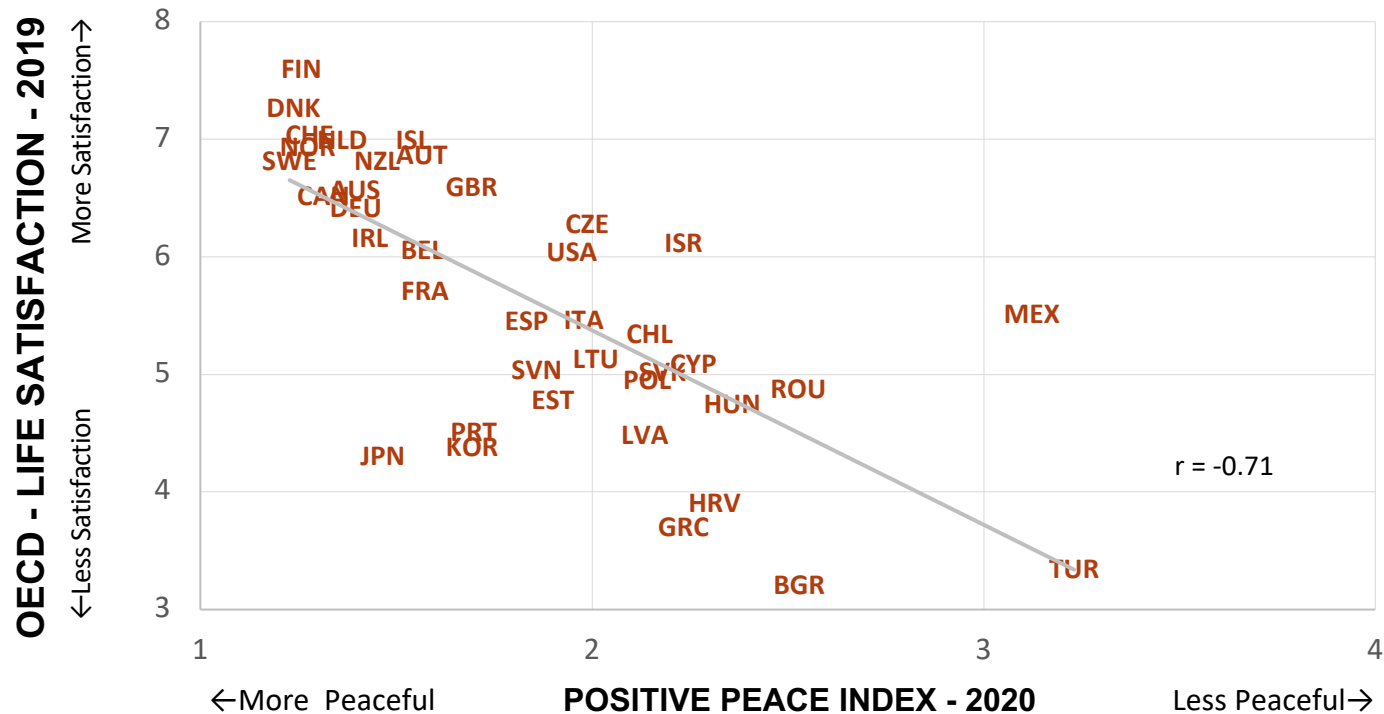


Source: IEP, World Bank



Positive Peace and OECD Life Satisfaction

Among OECD nations, those with higher levels of Positive Peace enjoy higher levels of life satisfaction.

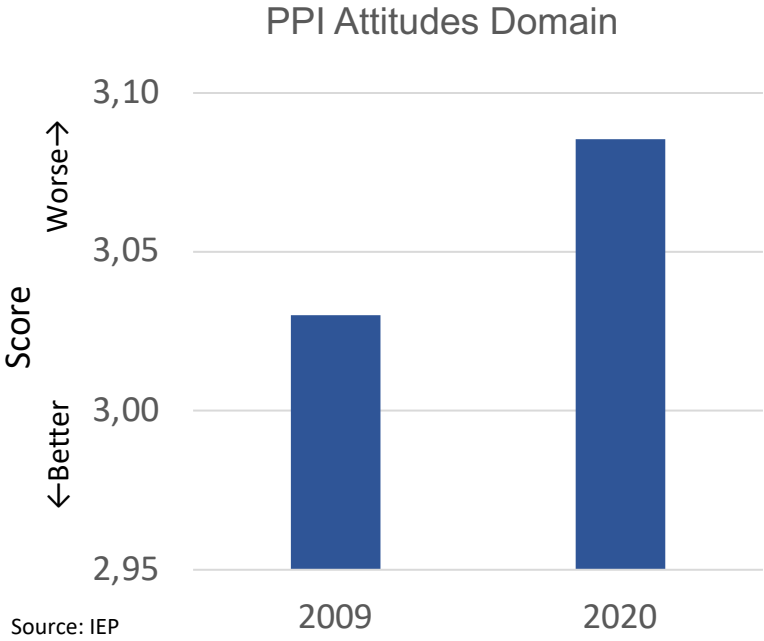
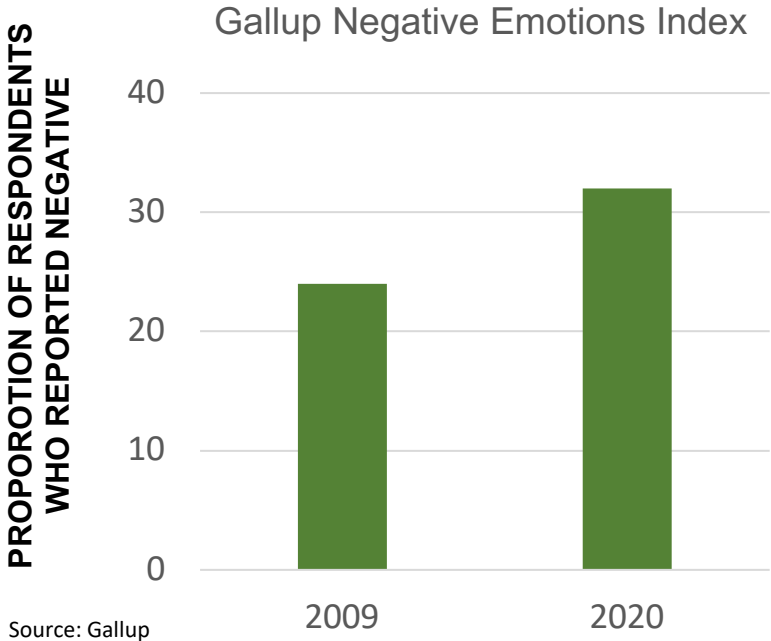


Source: IEP, OECD Sustainable Governance Indicators



Negative Emotions and Social Attitudes, 2020

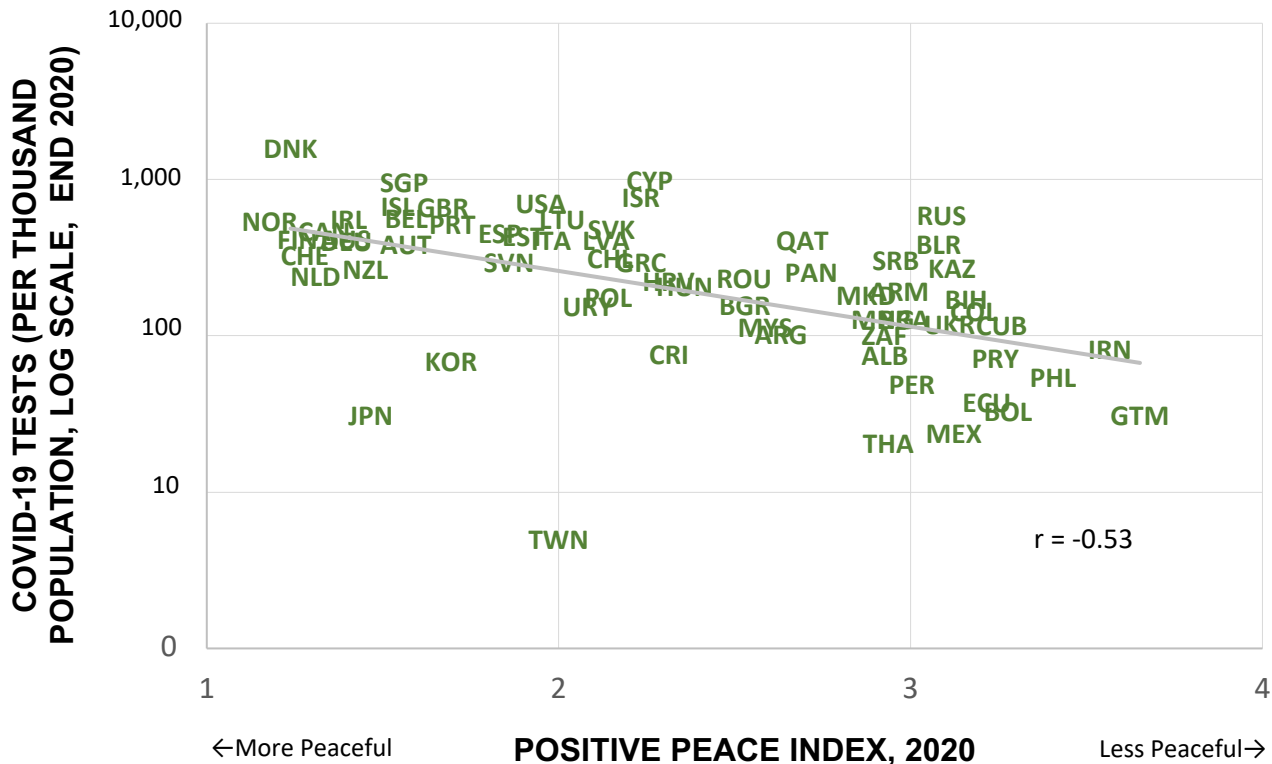
The deterioration in the *Attitudes* Domain of Positive Peace is corroborated by an increase in the proportion of Gallup's respondents reporting to have felt negative emotions prior to taking the survey.



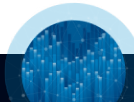
Positive Peace and COVID-19: Tests



Higher resilience countries were able to provide far more COVID-19 tests per capita than their counterparts.

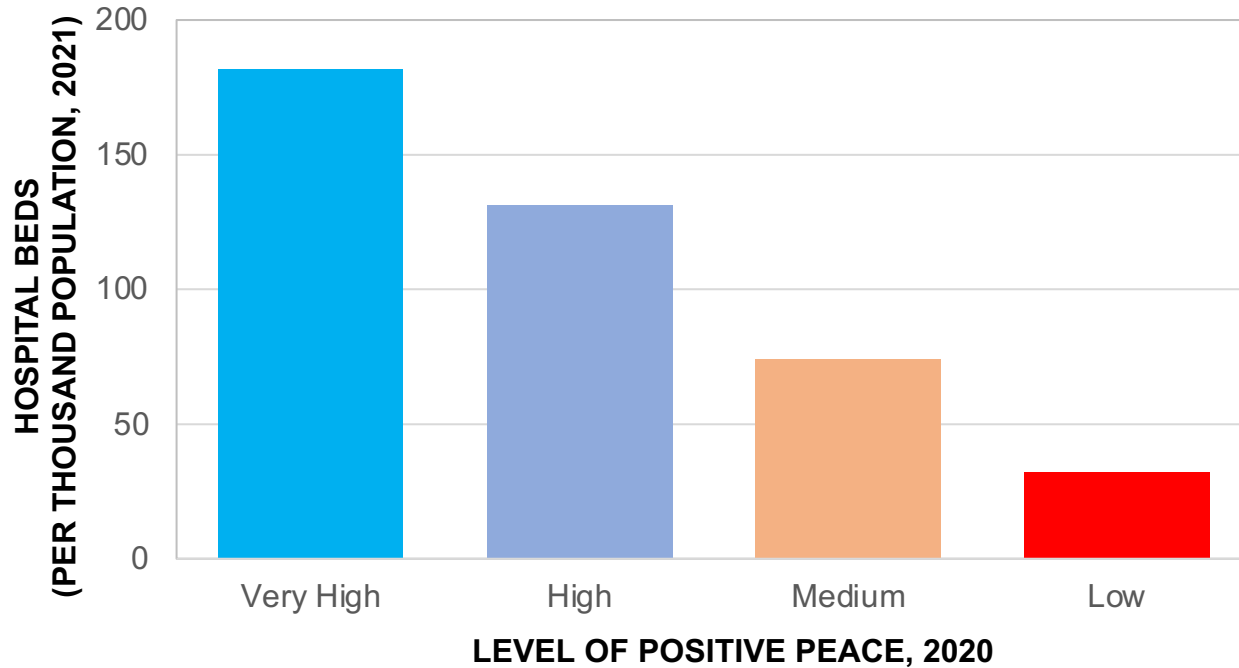


Source: IEP, Johns Hopkins University, Our World in Data



Positive Peace and COVID-19: Hospital Beds

Higher resilience countries have superior medical resources for the management of the pandemic.



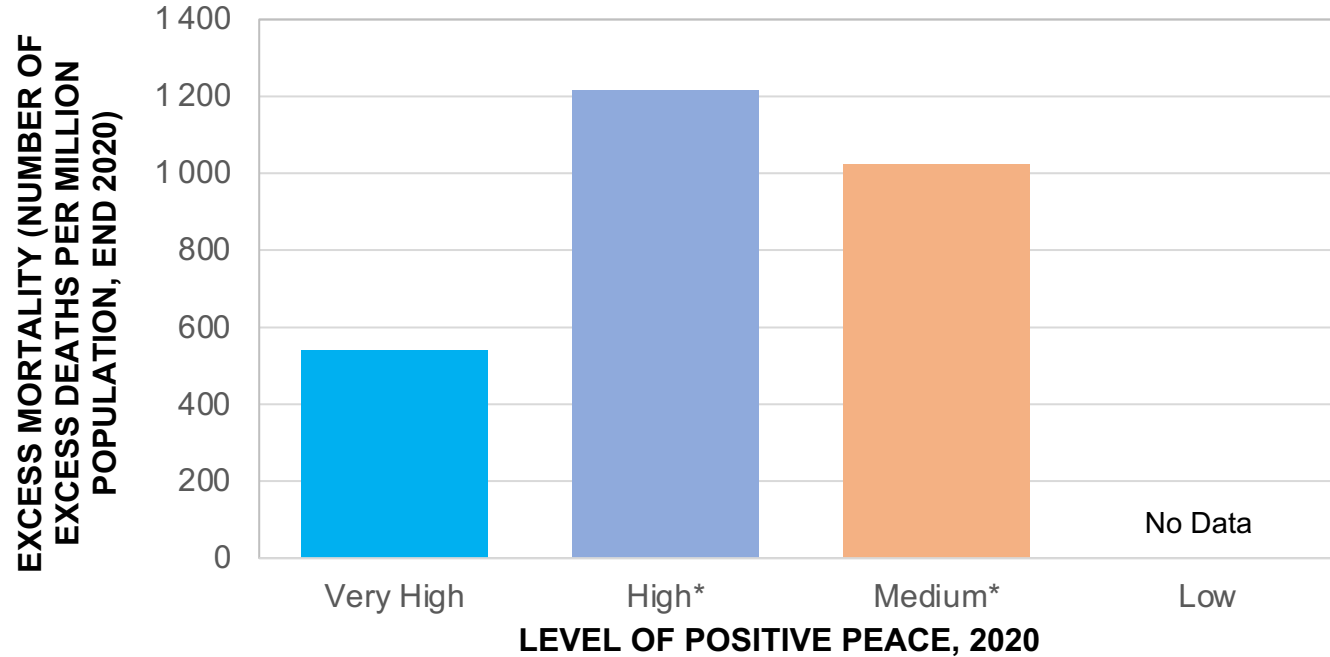
Source : IEP, World Bank

The systemic nature of Positive Peace means the overall functioning of society is better



Positive Peace and COVID-19: Cumulative Excess Mortality

Countries with lower levels of Positive Peace reported higher excess mortality rates. At least in part this may be due to COVID-19 infections, as the pandemic was the only major public health differential between 2019 and 2020.



* Partial data only. Samples: Very High Positive Peace: 40 countries; High Positive Peace: 26 Countries; Medium Positive Peace: 13 Countries
Source : IEP, Human Mortality Database, World Mortality Dataset



05.

Predictive Capabilities of Positive Peace



Positive Peace – Predictive Capabilities

The Positive Peace deficit model predicts future deteriorations in the GPI

- Countries that rank higher in the GPI than in the PPI have a Positive Peace deficit. History shows that peace in these countries deteriorate over time.
- 79% of the countries with a Positive Peace deficit of more than 20 places in 2009 recorded deteriorated in peacefulness from 2009 to 2020.
- Eighty-five percent of countries with a Positive Peace deficit of more than 50 places, deteriorated from 2009 to 2020.
- The level of socio-economic resilience in such countries is not developed enough to sustain the country's existing level of negative peace.
- Countries that had a Positive Peace surplus improved by 3.1% in the GPI over the subsequent decade.
- Those with a deficit recorded an average deterioration of almost 12% in their GPI scores



Positive Peace Deficit Model - Deteriorations in the GPI

Of the 39 countries in Positive Peace deficit in 2009, 31 (79%) deteriorated in the GPI within the following ten years.

Country	PPI Rank 2009 (A)	GPI Internal Peace Rank 2009 (B)	Positive Peace Deficit 2009 (A) – (B)	Change in GPI Internal Peace 2009-2020 (%)	Change in GPI Internal Peace 2009-2019
1 Equatorial Guinea	150	59	91	5.1	Deterioration
2 Timor-Leste	129	52	77	6.1	Deterioration
3 Angola	148	77	71	6.4	Deterioration
4 Syria	116	53	63	88.6	Deterioration
5 Djibouti	134	74	60	12.7	Deterioration
6 Burkina Faso	104	47	57	37.0	Deterioration
7 The Gambia	130	75	55	-2.8	Improvement
8 Rwanda	120	66	54	5.1	Deterioration
9 Laos	133	80	53	-8.9	Improvement
10 Sierra Leone	110	57	53	3.2	Deterioration
11 Viet Nam	86	33	53	10.0	Deterioration
12 Egypt	113	63	50	28.4	Deterioration
13 Eritrea	156	106	50	0.3	Deterioration
14 Cameroon	146	97	49	32.1	Deterioration
15 Liberia	125	79	46	1.1	Deterioration
16 Bhutan	77	32	45	-11.2	Improvement
17 Malawi	114	72	42	6.8	Deterioration
18 Indonesia	99	58	41	0.1	Deterioration
19 Turkmenistan	147	107	40	-4.1	Improvement
20 Nicaragua	101	62	39	52.5	Deterioration

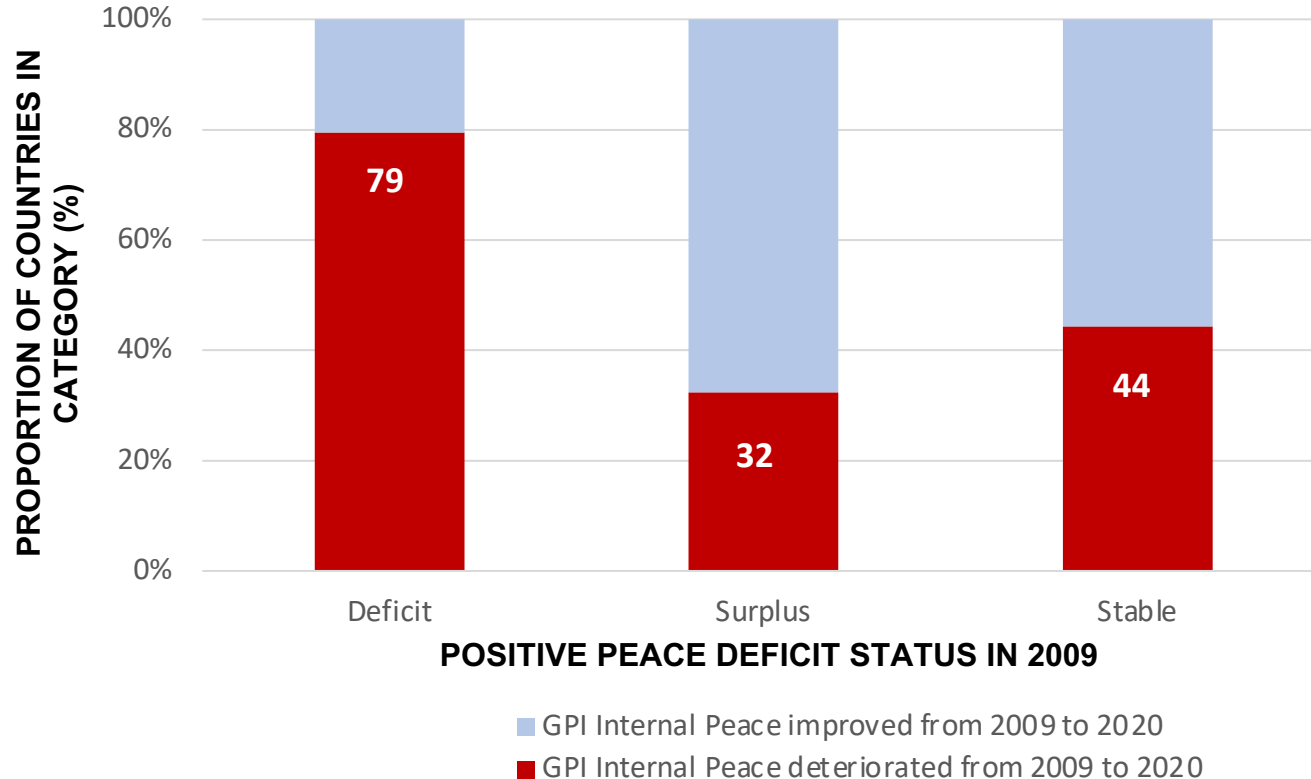
Country	PPI Rank 2009 (A)	GPI Internal Peace Rank 2009 (B)	Positive Peace Deficit 2009 (A) – (B)	Change in GPI Internal Peace 2009-2020 (%)	Change in GPI Internal Peace 2009-2019
21 Zambia	106	67	39	6.2	Deterioration
22 Swaziland	126	88	38	2.8	Deterioration
23 Tajikistan	142	104	38	0.1	Deterioration
24 Togo	128	91	37	4.8	Deterioration
25 Azerbaijan	118	86	32	1.4	Deterioration
26 Bangladesh	135	103	32	-1.5	Improvement
27 Myanmar	151	121	30	6.2	Deterioration
28 Libya	97	68	29	73.1	Deterioration
29 Madagascar	127	98	29	-2.7	Improvement
30 Mozambique	107	78	29	16.0	Deterioration
31 Qatar	44	15	29	4.0	Deterioration
32 Bosnia & Herzegovina	75	48	27	9.6	Deterioration
33 Republic of the Congo	143	116	27	4.5	Deterioration
34 Tanzania	94	68	26	1.3	Deterioration
35 Haiti	149	124	25	-2.6	Improvement
36 Jordan	67	42	25	8.4	Deterioration
37 Centr. African Republic	158	135	23	28.5	Deterioration
38 Cambodia	131	109	22	-10.8	Improvement
39 Yemen	154	132	22	34.7	Deterioration

Source: IEP



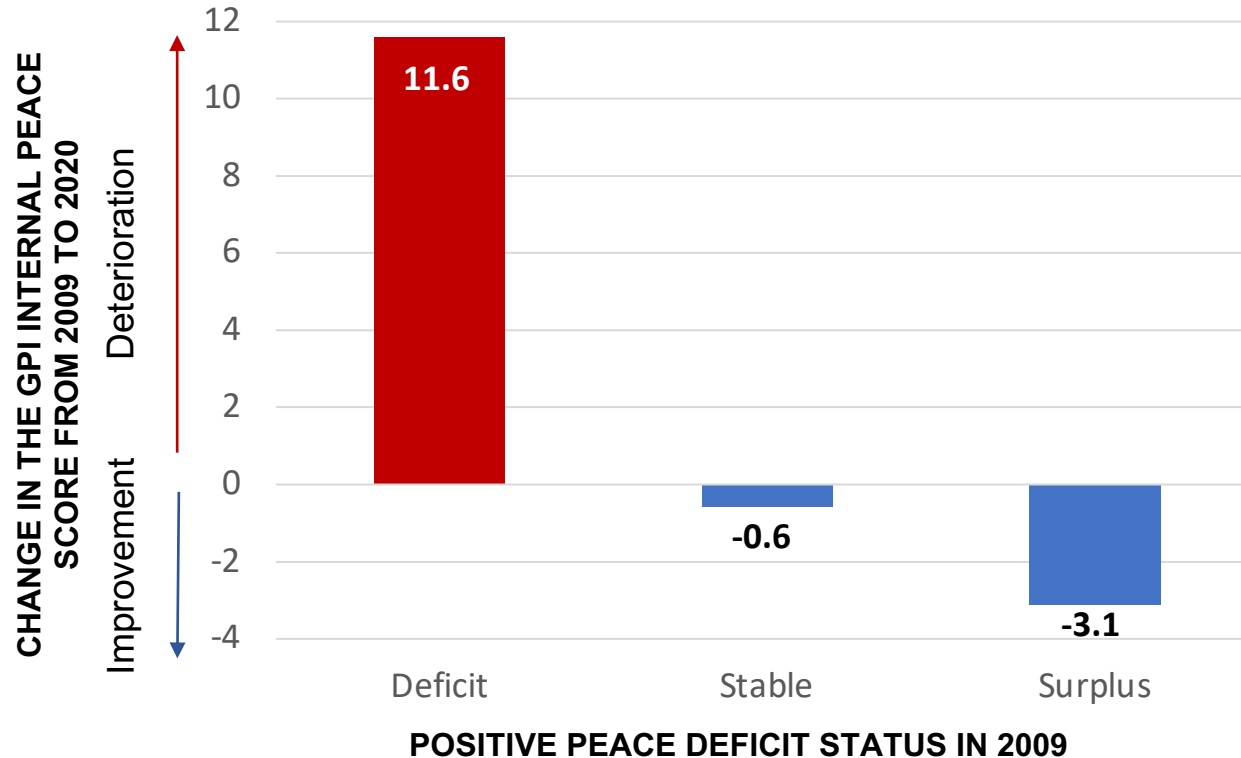
Positive Peace Deficit Model - Deteriorations in the GPI

Seventy-nine per cent of countries with a Positive Peace deficit in 2009 recorded higher levels of violence in the subsequent decade. This compares with 32 per cent for nations with a surplus.



Positive Peace Deficit Model - Deteriorations in the GPI

Countries in deficit in 2009 had an average GPI score deterioration of 11.6% in the subsequent decade. In contrast, nations with Positive Peace surpluses saw their peacefulness improve by 3.1%.



Source: IEP



Countries with large Positive Peace deficits in 2020

Countries in this list are more likely to experience increasing levels of violence over the next decade.

	Country	PPI Rank 2020 (A)	GPI Internal Peace Rank 2020 (B)	Positive Peace Deficit 2020 (A) – (B)
1	Equatorial Guinea	150	63	87
2	Laos	124	52	72
3	Sierra Leone	110	56	54
4	Liberia	129	76	53
5	Angola	136	86	50
6	Timor-Leste	111	61	50
7	Nepal	126	78	48
8	Turkmenistan	140	92	48
9	The Gambia	104	57	47
10	Eritrea	156	111	45
11	Rwanda	115	70	45
12	Bhutan	65	22	43
13	Cambodia	116	73	43
14	Bangladesh	134	94	40
15	Tajikistan	143	104	39
16	Tanzania	102	64	38
17	Uganda	138	100	38

	Country	PPI Rank 2020 (A)	GPI Internal Peace Rank 2020 (B)	Positive Peace Deficit 2020 (A) – (B)
18	Zambia	112	74	38
19	Indonesia	87	50	37
20	Madagascar	123	87	36
21	Guinea	141	106	35
22	Djibouti	132	98	34
23	Malawi	117	83	34
24	Swaziland	122	91	31
25	Uzbekistan	100	69	31
26	Guinea-Bissau	142	112	30
27	Jordan	83	53	30
28	Qatar	49	19	30
29	Haiti	148	119	29
30	Azerbaijan	112	84	28
31	Viet Nam	70	47	23
32	Croatia	38	17	21
33	Senegal	78	57	21
34	Chad	159	139	20

Source: IEP



06.

Using and Creating Positive Peace



- **Positive Peace 17 partners implementing workshops**
Workshops in Uganda, Kenya, Columbia, Libya, Thailand, Mexico, Cambodia, United States, Australia... more
- **Training a million people on Positive Peace**
- **Created over 3,000 IEP ambassadors in 106 countries**
- **Offering free** Online Peace Academy



> Peace 911, Philippines

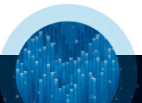
Decades-long violence in Paquiabato District of Davao City

Equitable Distribution of Resources – provision of services to the community

High levels of Human Capital and Sound Business Environment – training and setting up businesses in organic gardening growing

Free Flow of Information – setting up a telephone hotline that insurgents used to surrender to authorities.

After 9 months of Peace 911, the Paquiabato District was declared free from insurgent violence



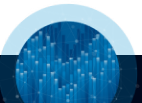
> Matavai, Australia

Need to foster social harmony and youth agency among Pacific Island communities in Western Sydney

Partnership between IEP and the University of Western Sydney

Three-day workshop with Matavai youth to develop community-led Positive Peace projects

Numerous projects were developed including a documentary film on the Matavai culture, which will be finalised and exhibited in the first half of 2022.



Water & sanitation project, Luubu, Uganda

Where: Luubu, Mayuge District, Uganda

Objective: Improving sanitation in the Luubu community of the blind

When: 2018

Examples of initiatives:

Sound Business Environment: Employing local youths in the building of latrines and sourcing construction materials from local providers

Low Levels of Corruption: Involving community in the allocation and monitoring of funding and construction materials

Equitable Distribution of Resources: Multiple and better latrines offered a fairer distribution of sanitation facilities in the area



Water & sanitation project, Luubu, Uganda

Where: Luubu, Mayuge District, Uganda

Objective: Improving sanitation in the Luubu community of the blind

When: 2018



BEFORE



AFTER



Project example of Positive Peace

- Literacy project post Rotary workshop in Uganda
- Jude Kakuba – Rotaract Club of Kampala Ssese Islands
- **Where:** Kakuba Primary School, Busedde, Uganda
Objective: Improving student conditions, enrolment rates and academic performance
When: 2016 – 2018
- **Outcome:**
 - Before implementation of the project, 70% achieved low grades
 - After implementation of the project, only 38% achieved low grades
 - Number of students enrolled jumped by 146%.

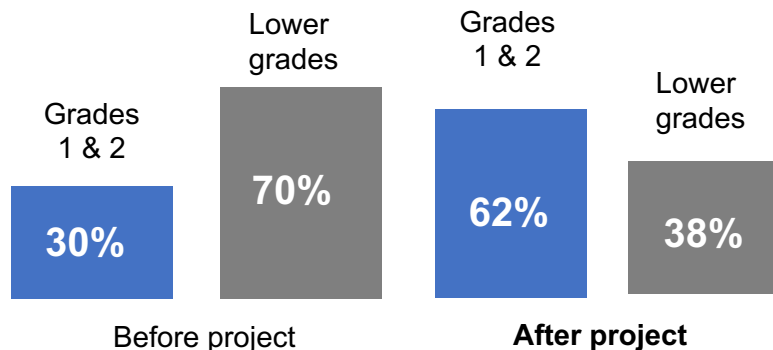


Kakuba Literacy Project, Uganda

Pupil enrolment

Enrolment	Before Implementation of Project	After Implementation of Project	Increase (%)
Boys	126	356	182.5
Girls	201	449	123.4
Total	327	805	146.2

Pupil performance



➤ **Well-functioning government** – including local community leaders on the planning and implementation committee

Sound business environment -Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Ugandan school example

Well-functioning government – including local community leaders on the planning and implementation committee

➤ **Sound business environment** - Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Well-functioning government – including local community leaders on the planning and implementation committee.

Sound business environment -Has been addressed through construction of classroom blocks.

➤ **Equitable distribution** - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Well-functioning government – including local community leaders on the planning and implementation committee

Sound business environment -Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

➤ **Acceptance of the rights of others** – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Ugandan school example

Well-functioning government – including local community leaders on the planning and implementation committee

Sound business environment -Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

➤ **Good relations with neighbours** – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Ugandan school example

Well-functioning government – including local community leaders on the planning and implementation committee

Sound business environment -Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

➤ **Free flow of information** – partnered with local radio station

High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Ugandan school example

Well-functioning government – including local community leaders on the planning and implementation committee

Sound business environment -Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

> High level of human capital – provided medical checks and class room construction

Low levels of corruption – branding donated items and setting up committee to monitor



Ugandan school example

Well-functioning government – including local community leaders on the planning and implementation committee

Sound business environment -Has been addressed through construction of classroom blocks

Equitable distribution - provision of scholastic material for all

Acceptance of the rights of others – provision of sanitary pads for girls

Good relations with neighbours – planting fruit trees and porridge lunch

Free flow of information – partnered with local radio station

High level of human capital – provided medical checks and class room construction

➤ **Low levels of corruption** – branding donated items and setting up committee to monitor









MILLARS OF PEACE

Organized By:

City Club of Kampala, Speer Islands (Uganda)
City Club of La Jolla Golden Triangle (Ca, USA)

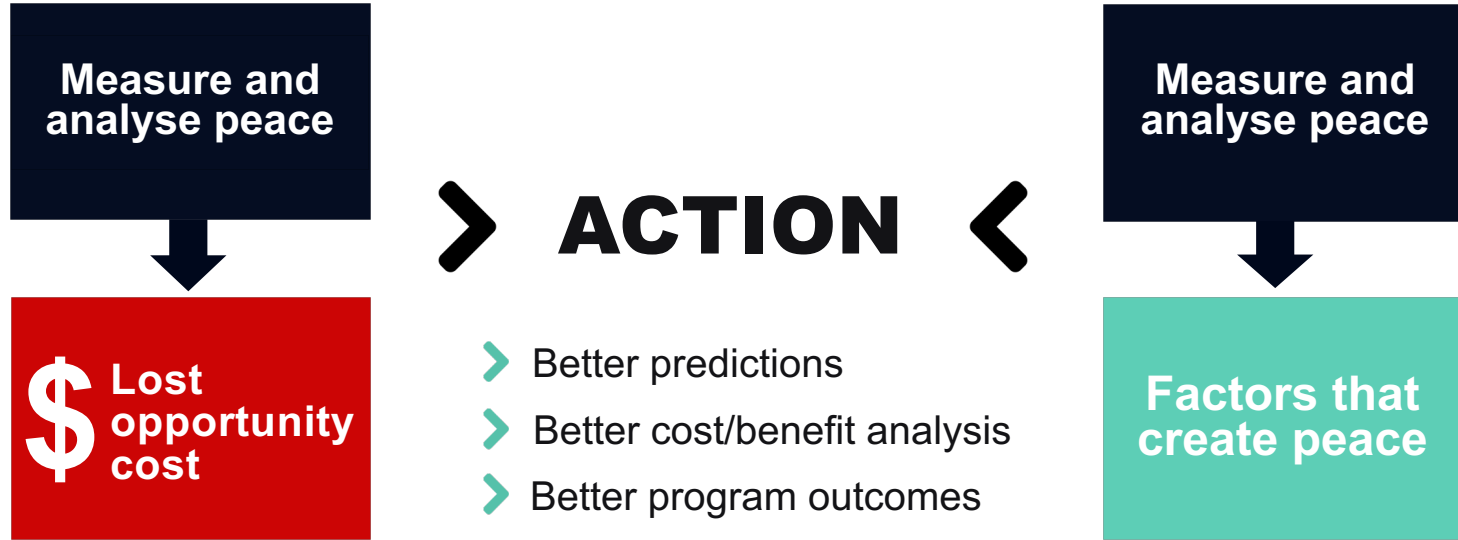
District 5130

District 5340

Worldwide for Economic and Peace (IEP),
International Peace and Security Institute (IPSI)

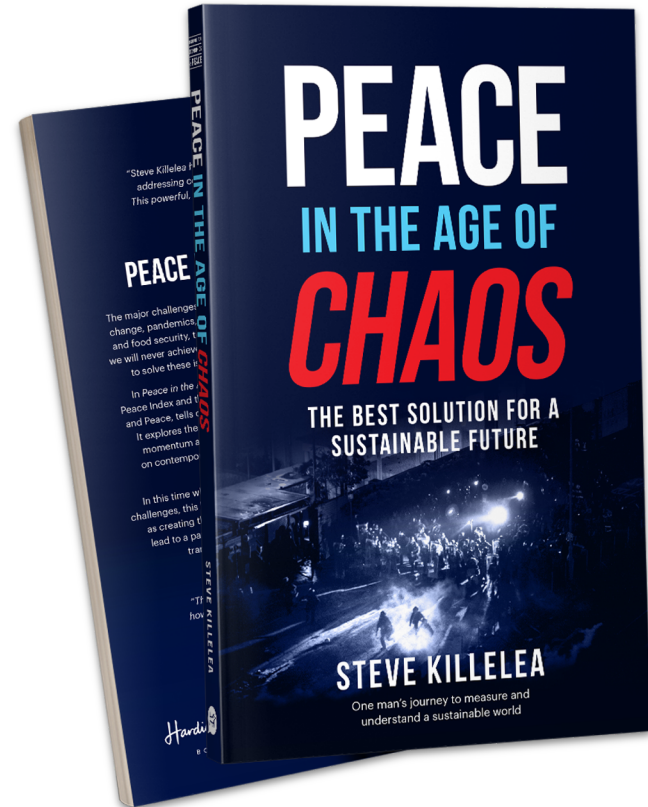
ROTARACT
PEACE
WORKSHOP

Positive Peace Index - Summary



Peace in the Age of Chaos

- Peace in the Age of Chaos is the debut book by the Founder & Executive Chairman of IEP, Steve Killelea A.M.
- The book pushes the reader to rethink peace, as something that is pivotal to the development of successful societies
- Includes many personal experiences and the journey behind the founding of IEP and the Global Peace Index
- Endorsed by prominent politicians, peacebuilders and professors



Get involved with IEP



Ambassador
Program



Positive Peace
Workshops



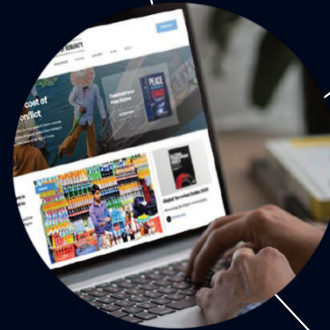
Strategic
Partnerships



IEP Peace
Academy



 @GlobPeaceIndex



Online

 GlobalPeaceIndex

 @GlobalPeaceIndex

 visionofhumanity.org

