

A photograph of a large, ornate fountain in front of a stone building. The fountain has a central column with water spraying upwards, and several smaller jets of water spraying outwards in arcs. The water is illuminated, creating a bright, shimmering effect. The background is a dark, textured stone wall.

ONS Health Index 2015 - 2020

Summary of Findings – May 2023

Data, Intelligence & Insight Team



Provisional data has been released for 2021 along with this statement from ONS:

Estimates are experimental and still under development. For 21 of 56 indicators, change may have been expected in 2021 but could not be measured because of unavailable or inconsistent underlying data. This most affects the Healthy Places domain and the overall Health Index value. Scores represent our best current assessment; data that become available will be added to future releases.

Once there has been a further release from ONS, we will update our data to the 2021 findings. Please see below for data on the Health Index for 2015-2020. If you wish to see 2021 figures, please visit the [Hampshire ONS Health Index](#) Power BI.



Background



- The Health Index is a new measure of health for the nation and can show changes of health over time.
- It supports the World Health Organization's (WHO's) [definition of health](#), that health “is a state of complete physical, mental and social well-being, and not merely the absence of disease or infirmity”.
- It can be broken down into 3 main areas; **Healthy People**, **Healthy Lives** and **Healthy Places**, each containing several subdomains.
- The current release covers **2015 to 2020**.



- **A score of 100 means health is equal to the baseline of health in England in 2015. Values higher than 100 indicate better health than England in 2015, and values below 100 indicate worse health.**
- **Regional and national-level scores can therefore be interpreted in the same way, in relation to health in England in 2015; more than 100 is better, 100 is the same, and less than 100 is worse. However, more than one standard deviation of the data at these levels has scores between 90 and 110.**
- **The scale is such that a score of 110 represents a score that is one 2015 standard deviation higher than England 2015's score for that same indicator, a score of 80 is two standard deviations lower, and so on.**

- **Difficulties in daily life**
 - Disability
 - Frailty
- **Mental Health**
 - Children's social, emotional and mental health
 - Mental health conditions
 - Self-harm
 - Suicides
- **Mortality**
 - Avoidable mortality
 - Infant mortality
 - Life expectancy
- **Personal well-being**
 - Activities in life are worthwhile
 - Feelings of anxiety
 - Happiness
 - Life satisfaction
- **Physical health conditions**
 - Cancer
 - Cardiovascular conditions
 - Dementia
 - Diabetes
 - Kidney and liver disease
 - Musculoskeletal conditions
 - Respiratory conditions



- **Behavioural risk factors**
 - Alcohol misuse
 - Drug misuse
 - Healthy eating
 - Physical activity
 - Sedentary behaviour
 - Smoking
- **Physiological risk factors**
 - High blood pressure
 - Low birth weight
 - Overweight and obesity in adults
 - Overweight and obesity in children
- **Protective measures**
 - Cancer screening attendance
 - Sexually transmitted infections
 - Child vaccination coverage
- **Children and young people**
 - Early years development
 - Pupil absences
 - Pupil attainment
 - Teenage pregnancy
 - Young people in education, employment and apprenticeships



- **Access to green space**
 - Private outdoor space
 - Public green space
- **Access to services**
 - Distance to general practitioner (GP) services
 - Distance to pharmacies
 - Distance to sports or leisure facilities
 - Internet access
- **Crime**
 - Low level crime
 - Personal crime
- **Living conditions**
 - Air pollution
 - Household overcrowding
 - Noise complaints
 - Road safety
 - Rough sleeping
- **Economic and working conditions**
 - Child poverty
 - Housing affordability
 - Job-related training
 - Unemployment
 - Workplace safety



Health in Southampton



Southampton's current Health Index score (2020)



A decrease of 0.7 points compared with the previous year.

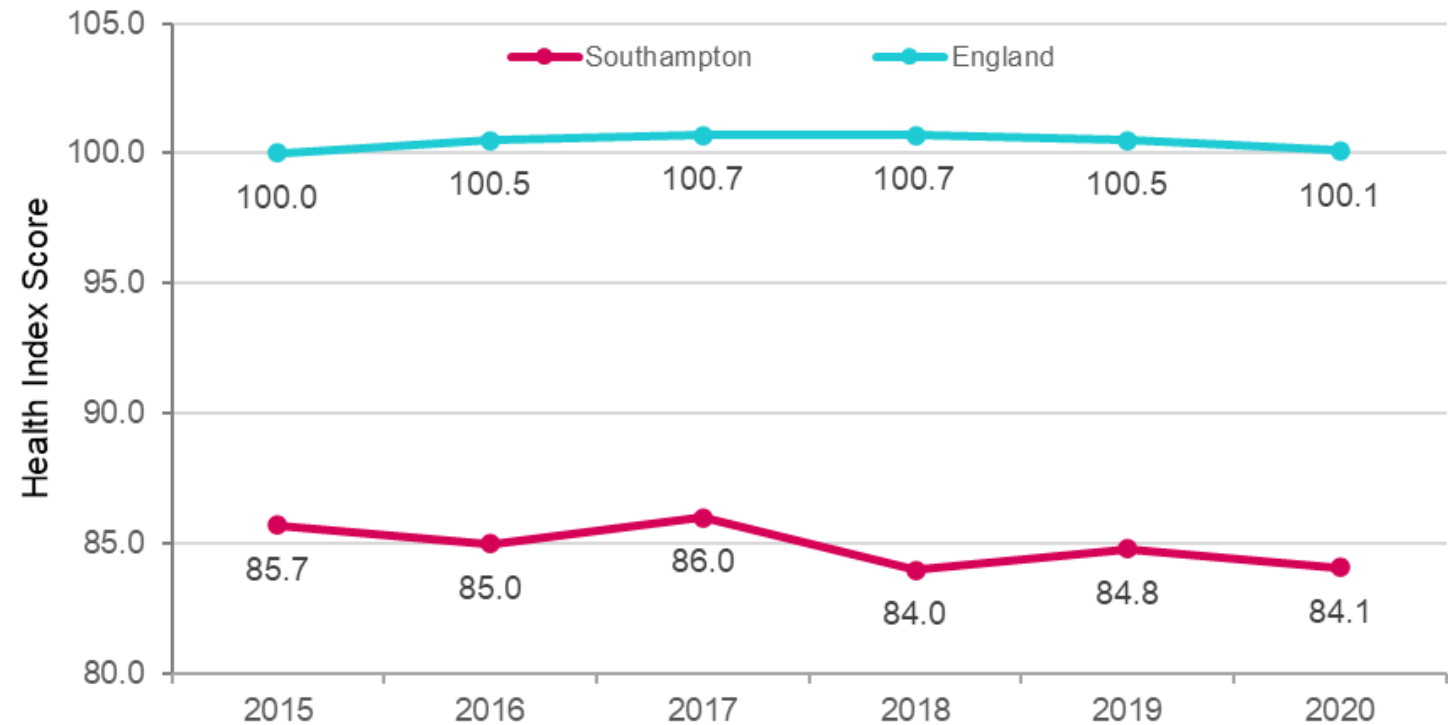
Southampton's rank (2020)





- Southampton's Health Index score has remained **lower than England's** since 2015, however follows a **similar trend pattern**.
- Southampton's score **dropped 0.7 points** from **84.8** in 2019 to **84.1** in 2020.
- In 2017, Southampton had its **highest score of 86.0**.
- All of Southampton's scores since 2015 has been **over 1 standard deviation lower** than England 2015.

ONS Health Index Score, Southampton and England trend, 2015 to 2020

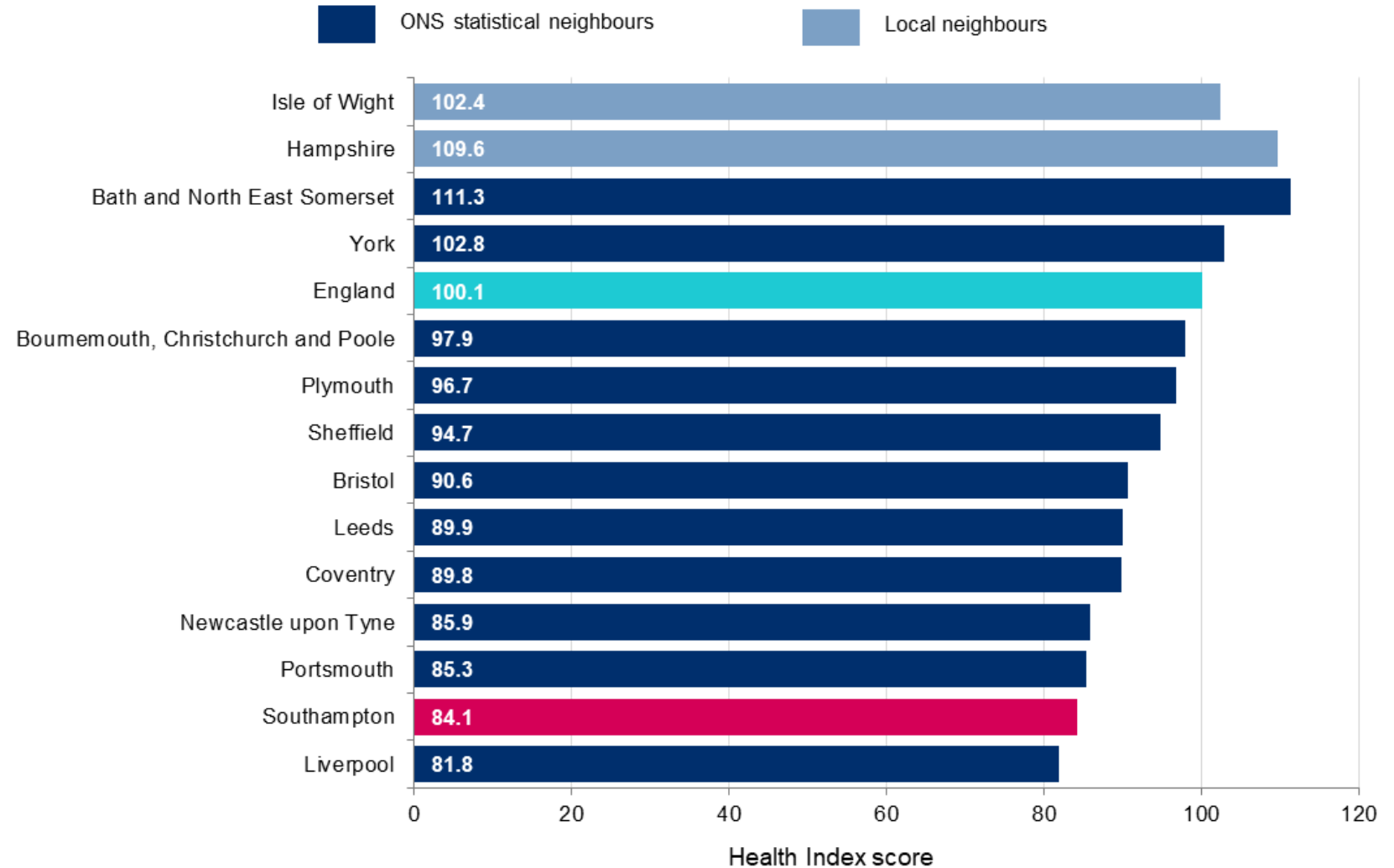


Source: ONS Health Index



- Compared to England, ONS comparators and local neighbours, Southampton has the **2nd worst** ONS Health Index score in 2020 of **84.1**.
- Bath and North East Somerset have the highest score of 111.3, also higher than England's score of 100.1.
- Southampton is **nearly 2 deviations lower** than England 2015.

ONS Health Index Scores Southampton, ONS and local neighbours comparison, 2020

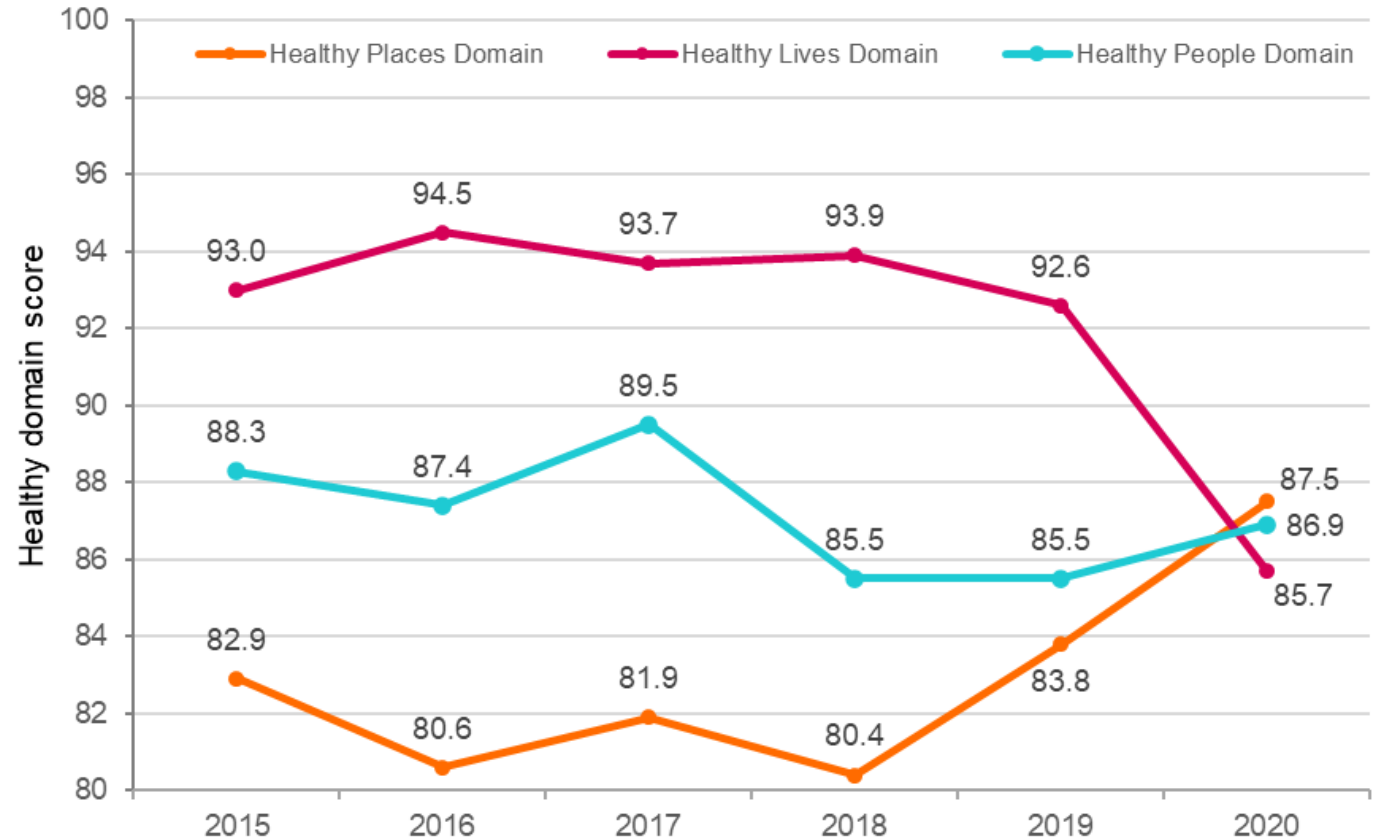


Source: ONS Health Index



- **All 3 domains** have scores **below 100** since 2015, therefore **worse than England**.
- **Healthy Lives** highest score was **94.5** in 2016 and the lowest score is **85.7** in 2020.
- For **Healthy People**, the highest score was in 2017 with **89.5** and lowest scores were in 2018 and 2019 with same score of **85.5**.
- **Healthy Places** has the highest score in 2020 with **87.5**, the lowest was **80.4** in 2018.
- Healthy Places and People for Southampton follow a **similar trend pattern** since 2015. Both **increasing** from 2019.
- Healthy Lives has had higher scores than Healthy Places and People since 2015, but **decreased significantly** to below both the scores in 2020.
- Whereas Healthy Places has had the lowest scores since 2015 however **significantly increased** in 2020 to be the **highest domain**.

ONS Healthy Places, Lives and People domain trend, Southampton, 2015 to 2020

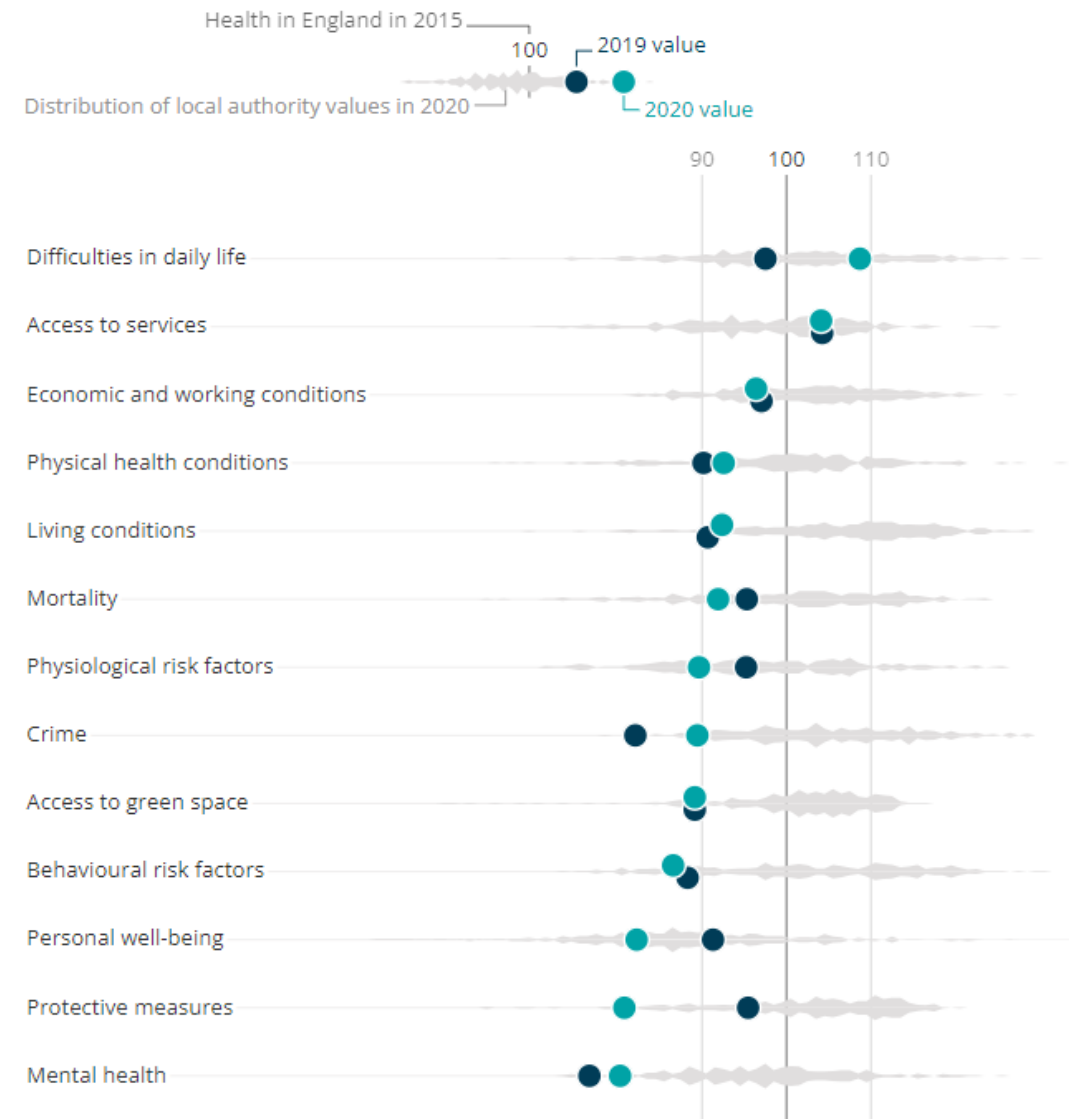


Source: ONS Health Index



- Southampton's **best score** across all subdomains is **108.7** for health relating to “**difficulties in daily life**” which looks at disability and frailty.
- “Frailty” measures **hospital admissions as a result of a hip fracture in those ages 65 and over**. Figures may have been **affected by higher mortality rates** in frailer people during the pandemic, or people being **less exposed to injury** while less active and staying at home.
- The **second highest** scoring subdomain is “access to services”. Southampton's worst score is for “mental health”.

Health Index values for each subdomain, Southampton, 2020



Source: Office for National Statistics - Health Index for England



Southampton's score for health relating to "access to services" is better than the score for England as a whole

Health Index values for the "access to services" subdomain in England and across local authority areas in the South East, 2020

- Southampton
- ◆ England
- Other local authorities in the South East



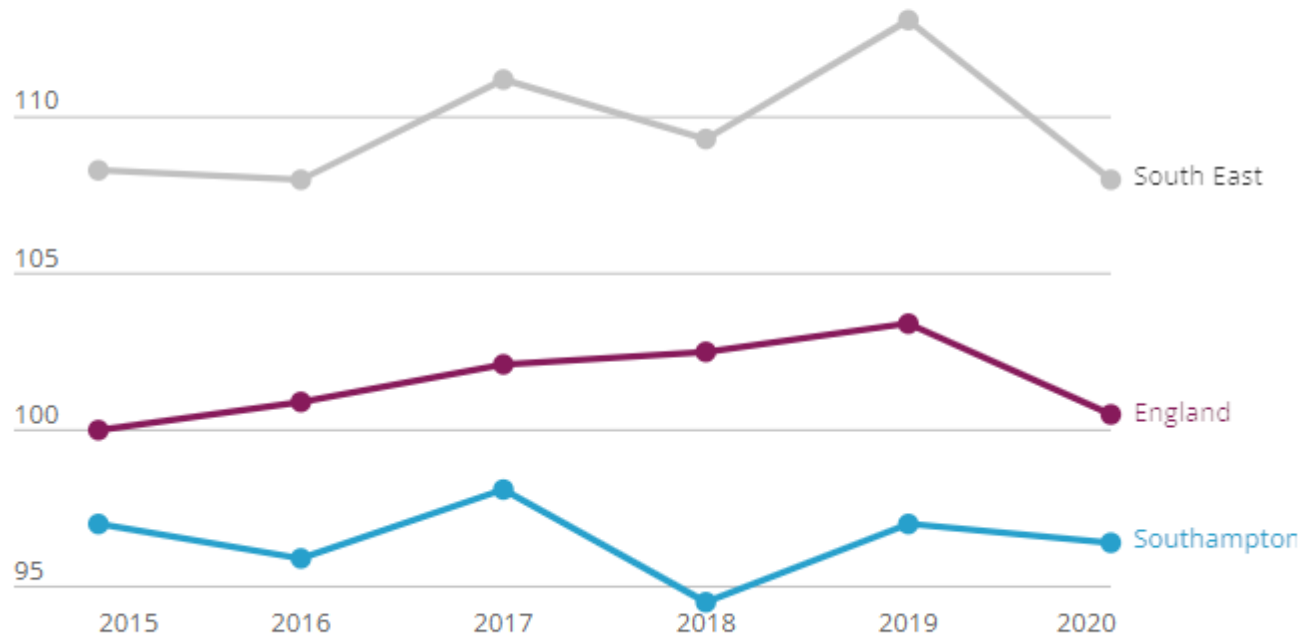
Source: Office for National Statistics – Health Index for England

- Southampton has a Health Index score of **104.1** for “**access to services**” which is also a 2019 IMD subdomain. The score for the South East is 97.0, while England has a score of 100.0.
- “Access to services” addresses **distance to GP services, distance to pharmacies** (also evidenced by the Pharmaceutical Needs Assessment), **distance to sports or leisure facilities, internet access** and **patients offered acceptable GP practice appointments**. In-person services in this category were limited during the coronavirus pandemic.
- The highest indicator in “access to services” was **distance to sports or leisure facilities** with an index value of **107.3** The **lowest scoring** indicator was **patients offered acceptable GP practice appointments** which has a index value of **81.2**.



Southampton's Health Index value for "economic and working conditions" worsened by 0.6 points between 2019 and 2020

Health Index values for the "economic and working conditions" subdomain, Southampton, the South East and England, 2015 to 2020



Source: Office for National Statistics - Health Index for England

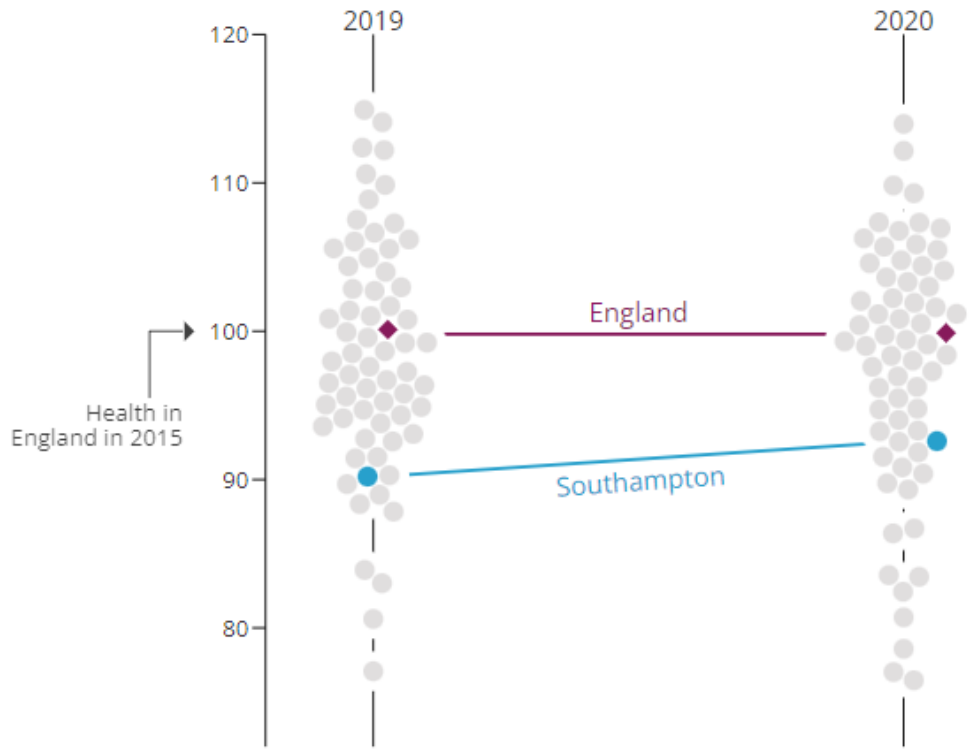
- “Economic and working conditions” looks at child poverty, job-related training, unemployment and workplace safety.
- Southampton's score for "economic and working conditions" **fell from 97.0** in 2019 to **96.4** in 2020. Despite the decrease, Southampton went from being in the **bottom 25%** of local authority areas to being in the **bottom 30%** across England for this subdomain.
- The change was largely driven by an increase in unemployment (the index **worsened by 1.6 points**) and a workplace safety remaining the same (**111.2**).



Southampton's score for health relating to "physical health conditions" is worse than the score for England as a whole

Health Index values for the "physical health conditions" subdomain in England and across local authority areas in the South East, 2019 and 2020

- Southampton
- ◆ England
- Other local authorities in the South East



Source: Office for National Statistics – Health Index for England

- "Physical health conditions" addresses cancer, cardiovascular conditions, dementia, diabetes, kidney and liver disease, musculoskeletal conditions, and respiratory conditions.
- Between 2019 and 2020, Southampton's Health Index value for "**physical health conditions**" went from **90.2 to 92.6**. This means Southampton went from being among the **worst 20% of local authority** areas to being among the **worst 25%** for this subdomain. Some of this decrease could be related to the pandemic, reducing diagnosis.
- The change was largely driven by a **decrease in cardiovascular conditions** (the index **improved by 15.5 points**) and a **decrease in dementia** (the index **improved by 13.2 points**). However, there was also an **increase in cancer** (the index **worsened by 17.6 points**).



Indicators below 90

Updated
19/12/2022

Southampton's lowest subdomain score was 62.8 for alcohol misuse, nearly 4 standard deviations lower than England 2015.

50% (9 out of 18) sub domains for **Healthy Lives** had a score below 90, over 1 standard deviation lower than England in 2015.

45% (9 out of 20) sub domains for **Healthy People** had a score below 90, over 1 standard deviation lower than England in 2015.

28% (5 out of 18) sub domains for **Healthy Places** had a score below 90, over 1 standard deviation lower than England in 2015.

Alcohol misuse
62.8

Pupil absences
87.7

Drug misuse
84.2

Life satisfaction
80.5

Self harm
79.5

Feelings of anxiety
87.9

Household overcrowding
89.4

Patients offered acceptable GP appointments
81.2

Child vaccination coverage
75.7

Low birth weight
85.1

Sedentary behaviour
86.0

Diabetes
86.6

Activities in life worthwhile
89.1

Happiness
83.2

Private outdoor space
89.1

Personal crime
85.5

Cancer screening attendance
89.9

Overweight and obesity in children
89.3

Young people in education, employment and apprenticeships
84.9

Respiratory conditions
88.5

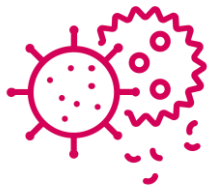
Children's social, emotional and mental health
77.4

Mental health conditions
85.2

Noise complaints
89.4



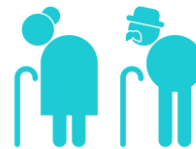
- Southampton's **highest** subdomain score was **113.1** for **frailty** and **sexually transmitted infections**.
- **11% (2 out of 18)** sub domains for **Healthy Lives** had a score **above 110, over 1 standard deviation higher** than England in 2015.
- **5% (1 out of 20)** sub domains for **Healthy People** had a **score above 110, over 1 standard deviation higher** than England in 2015.
- **6% (1 out of 18)** sub domains for **Healthy Places** had a **score above 110, over 1 standard deviation higher** than England in 2015.



Sexually transmitted
infections
113.1



Early years
development
110.5



Frailty
113.1



Workplace
safety
111.2

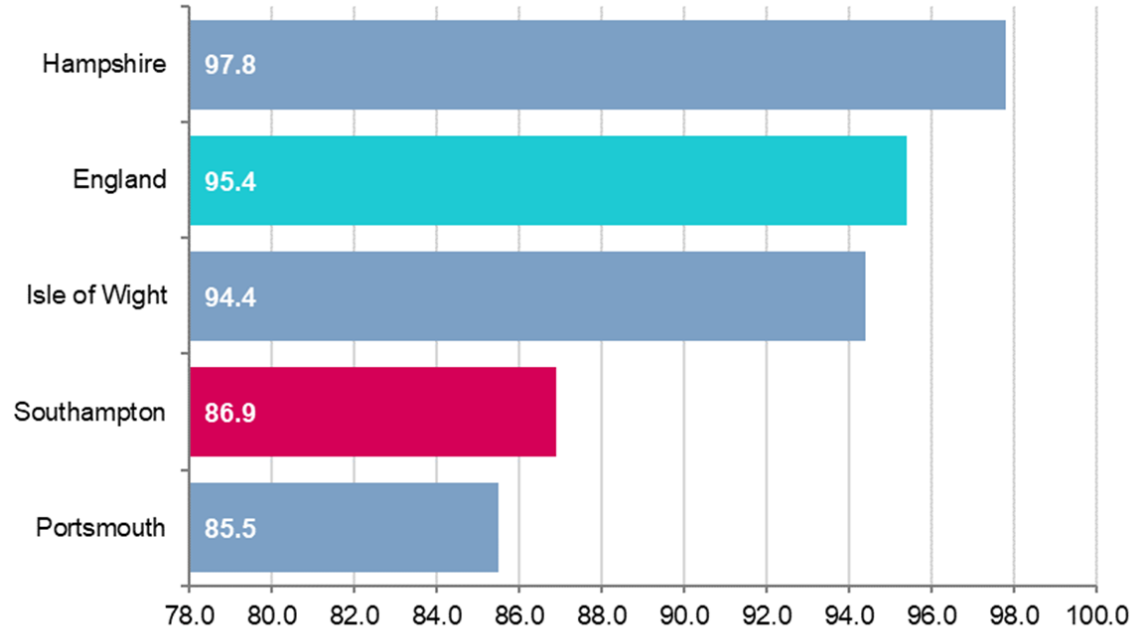


Healthy People



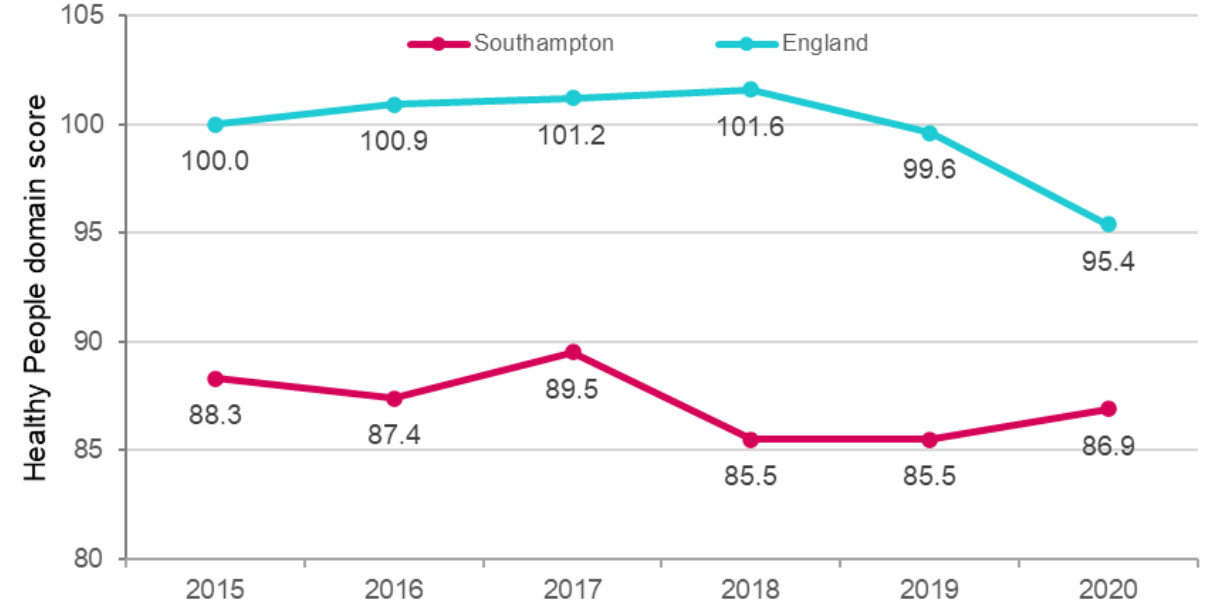


ONS Healthy People domain scores, Southampton, England and local neighbours comparison, 2020



Source: ONS Health Index

ONS Healthy People domain, Southampton and England trend, 2015 to 2020



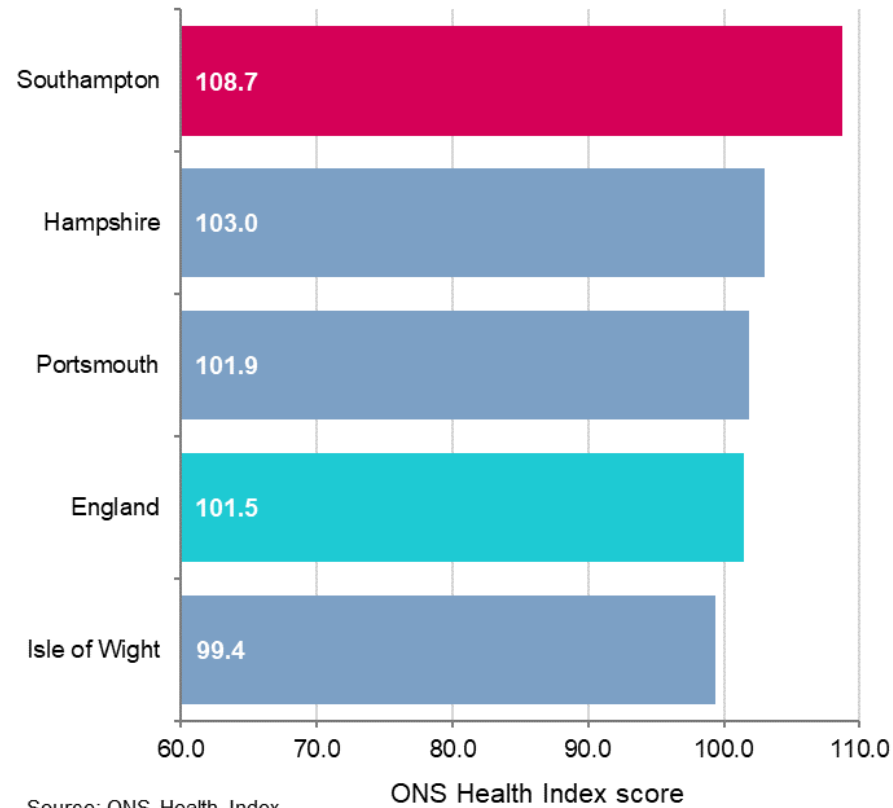
Source: ONS Health Index

- Compared to England and local neighbours Hampshire, Isle of Wight and Portsmouth, **Southampton** has the **2nd lowest score of 86.9** for Healthy People in 2020.
- **Hampshire** has the **highest** with a score of **97.8**, higher than the **national** score of **95.4**.

- **Southampton's** Healthy People score has been **lower than England's** baseline score **since 2015**.
- The **highest score** for Southampton was **89.5** in **2017** and the **lowest** was **85.5** in **2018** and **2019**.
- **England's** score was **slowly increasing** from **2015** to **2018** however **dropped** from **101.6** to **95.4** in **2020**.
- Since dropping from 2017, **Southampton** has **increased** from **85.5** in **2019** to **86.9** in **2020**.

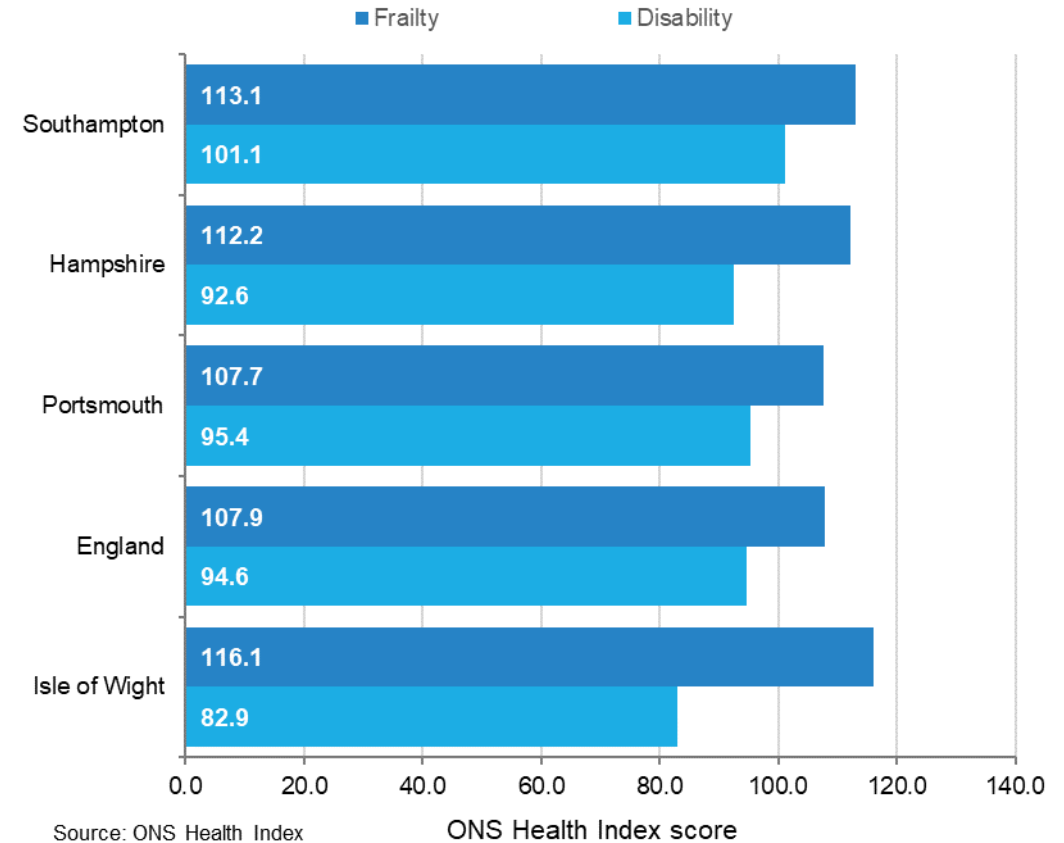


ONS difficulty in daily life scores, Southampton, England and local neighbours comparison, 2020



- **Southampton's** difficulty in daily life score is **108.7**, the **highest and best** against England and local neighbours.
- This is **nearly one deviation higher** than England in 2015.

ONS difficulty in daily life indicator scores, Southampton, England and local neighbours comparison, 2020



- **Southampton** has a score of **113.1** for **frailty**, **one standard deviation higher** than England's score in 2015 and the **2nd highest** against England and local neighbours for 2020.
- Southampton has the **highest score** for **disability** with **101.1**.



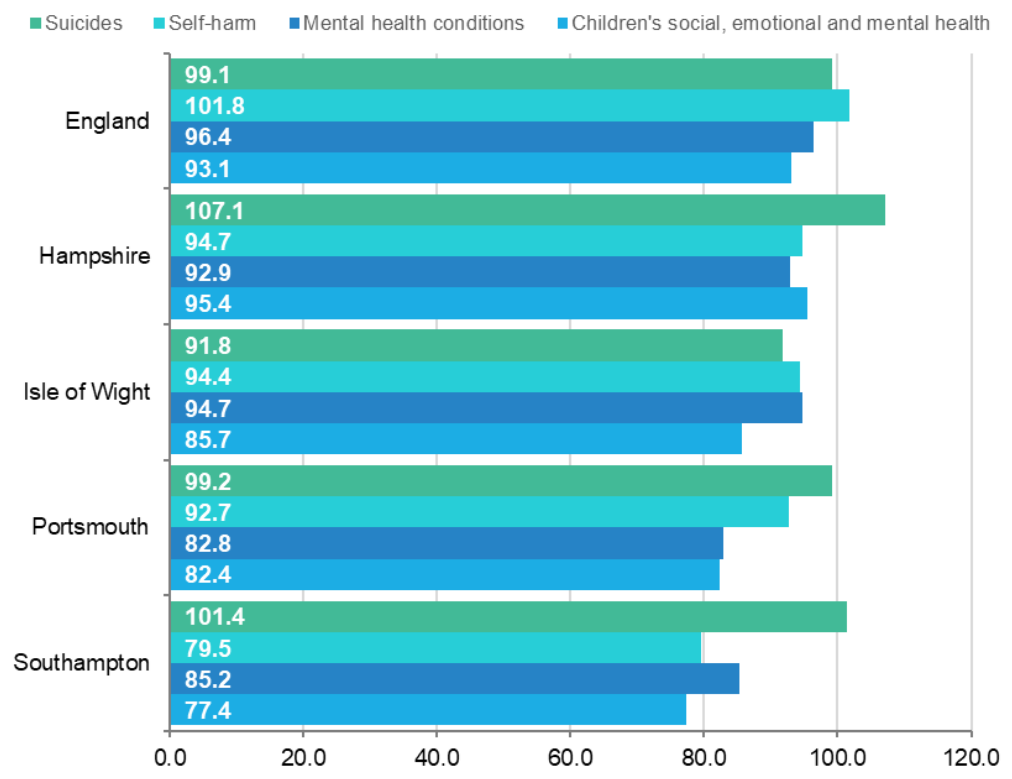
ONS mental health scores, Southampton, England and local neighbours comparison, 2020



Source: ONS Health Index

- **Southampton** has a score of **80.3** for **mental health**, the **lowest and worst** against England and local neighbours and the **worst score out of all subdomains**.
- The score is **nearly 2 standard deviations away** from England's score in 2015.

ONS mental health indicator scores, Southampton, England and local neighbours comparison, 2020



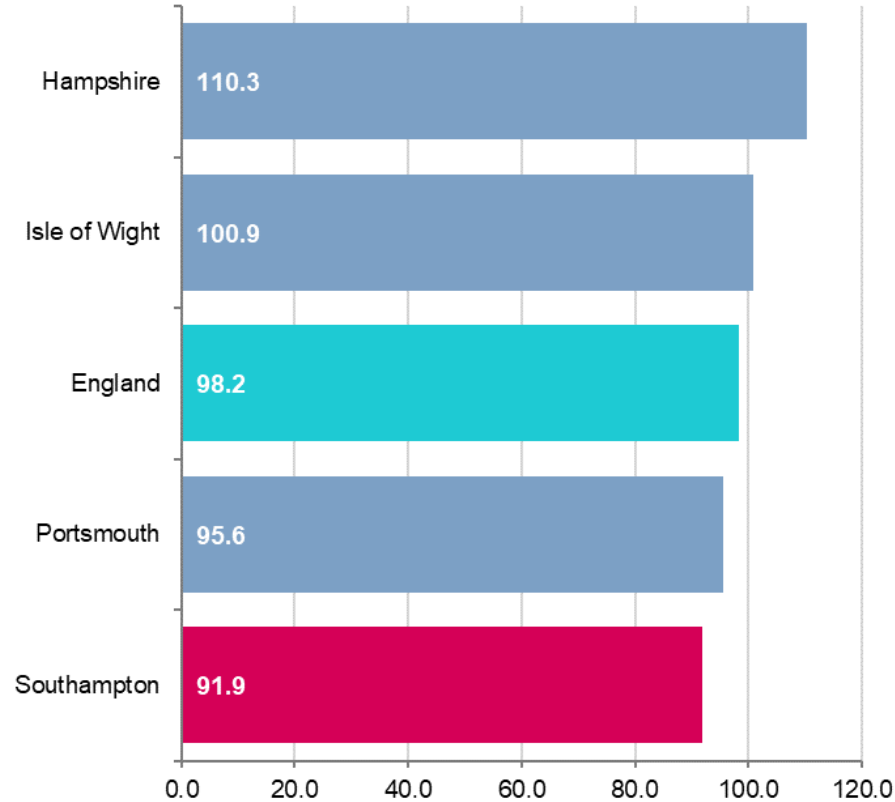
Source: ONS Health Index

ONS Health Index score

- When breaking the mental health sub-domains down, **Southampton** has the **lowest score for self-harm (79.5)** and **children's social, emotional and mental health (77.4)**, the **2nd lowest for mental health conditions (85.2)** however the **2nd highest for suicides (101.4)**, also **higher than England's 2015 score**.



ONS mortality scores, Southampton, England and local neighbours comparison, 2020

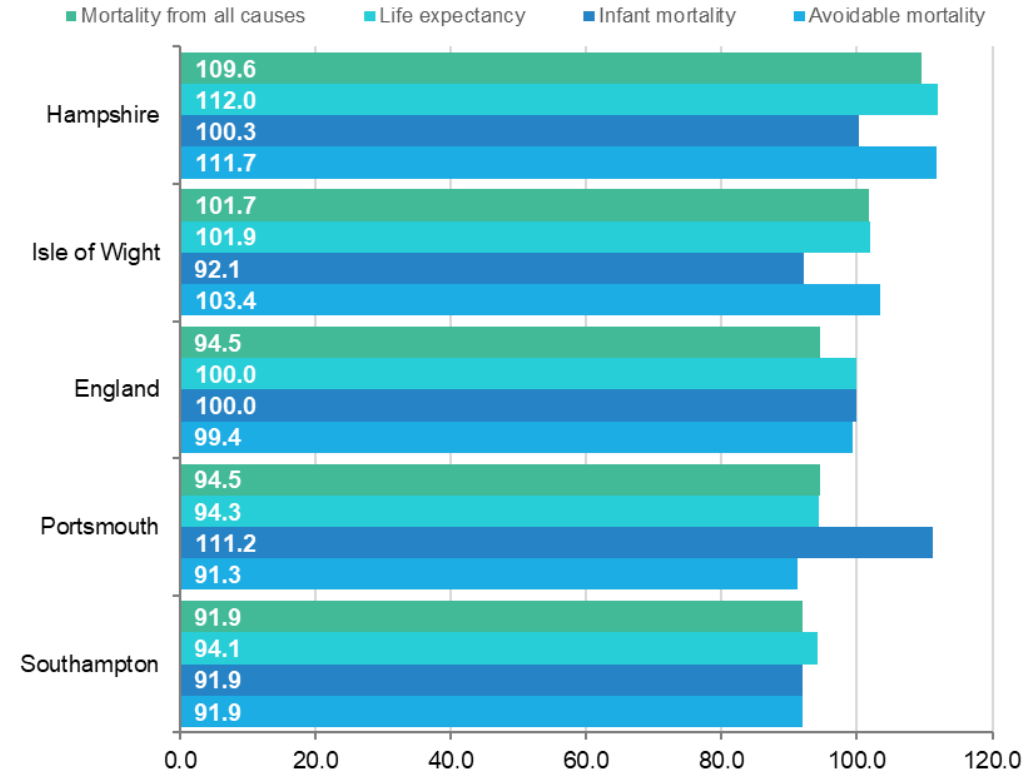


Source: ONS Health Index

ONS Health Index score

- **Southampton's mortality score of 91.9 is the lowest** against England and local neighbours.
- Southampton is **nearly 1 standard deviation lower** than England 2015.

ONS mortality indicator scores, Southampton, England and local neighbours comparison, 2020



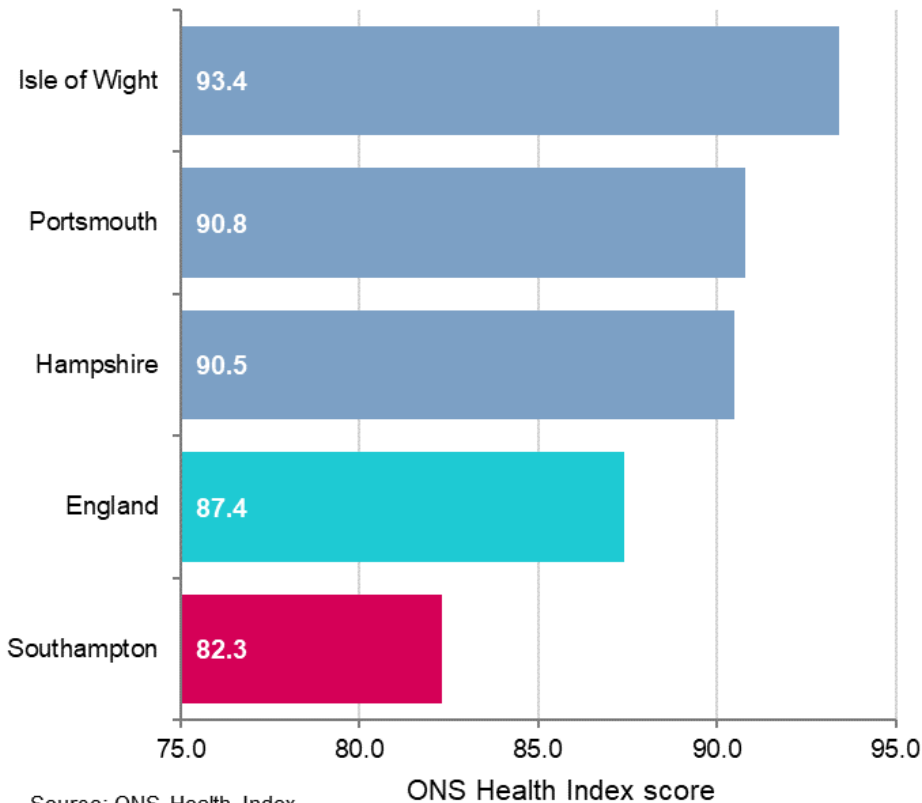
Source: ONS Health Index

ONS Health Index score

- **Southampton has the lowest and worst** indicator score for **mortality from all causes (91.9)** and **infant mortality (91.9)** and the **2nd lowest and worst** for **avoidable mortality (91.9)** and **life expectancy (94.1)**.

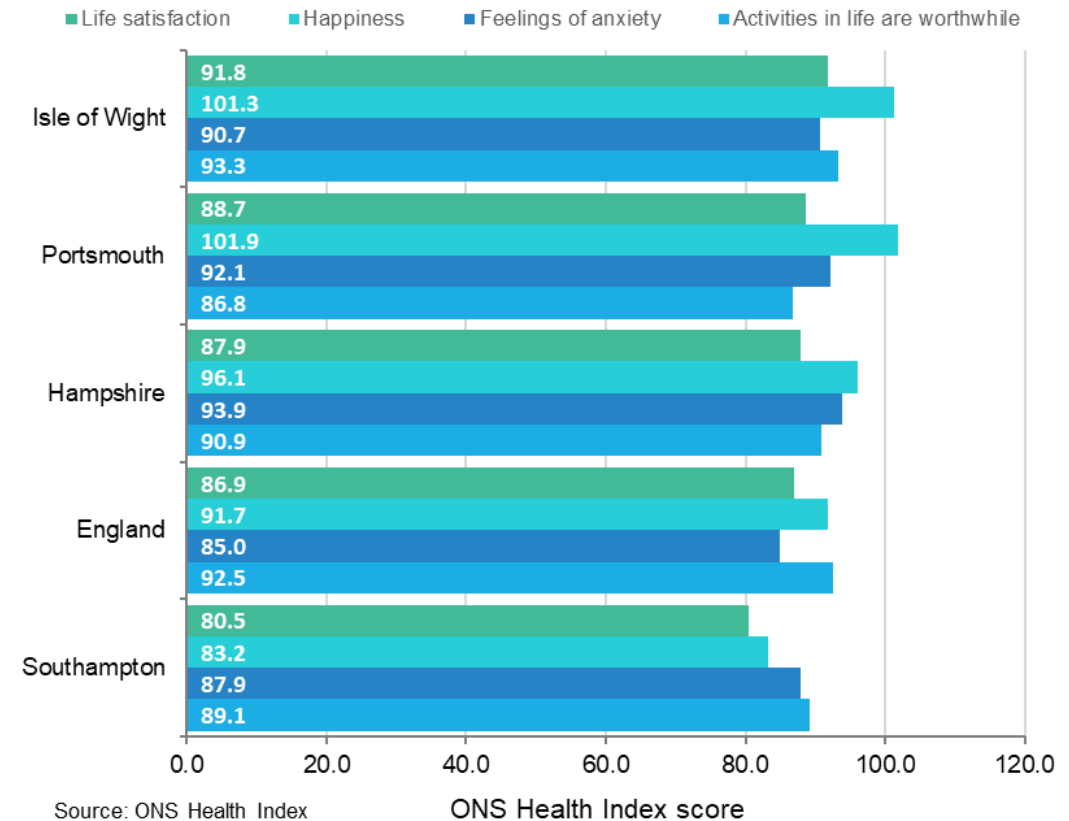


ONS personal wellbeing scores, Southampton, England and local neighbours comparison, 2020



- **Southampton** has the **lowest and worst** score of **82.3** for **personal well-being**, nearly **2 standard deviations lower** than England in 2015. **Isle of Wight** has the **highest** score of **93.4**. All scores, including England, are lower than England's score of 100 in 2015.

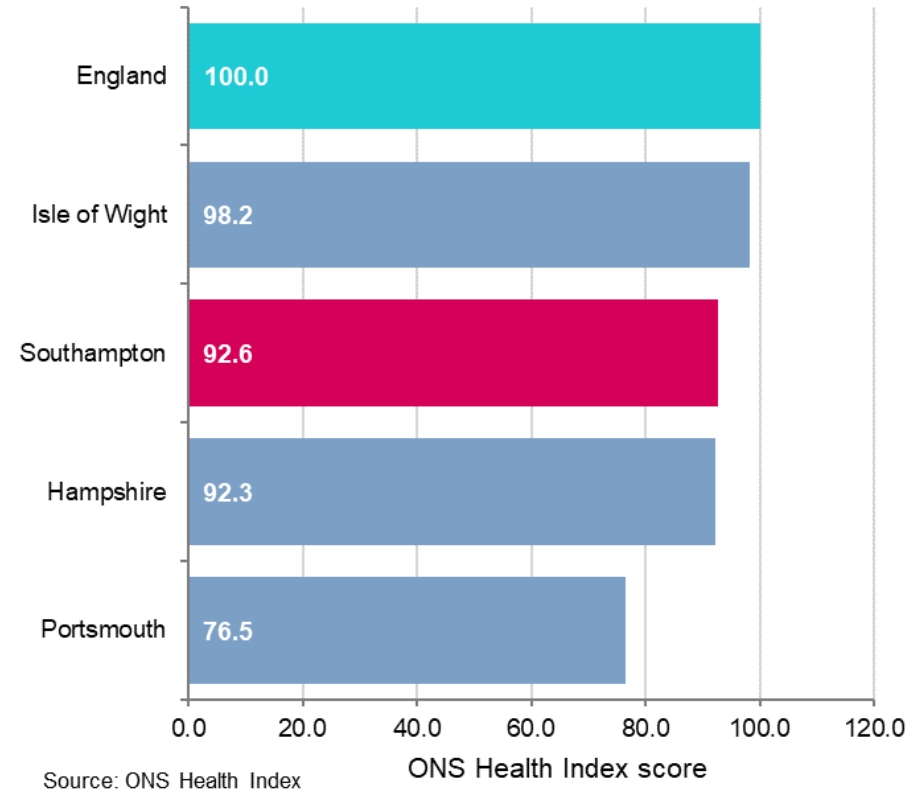
ONS personal wellbeing indicator scores, Southampton, England and local neighbours comparison, 2020



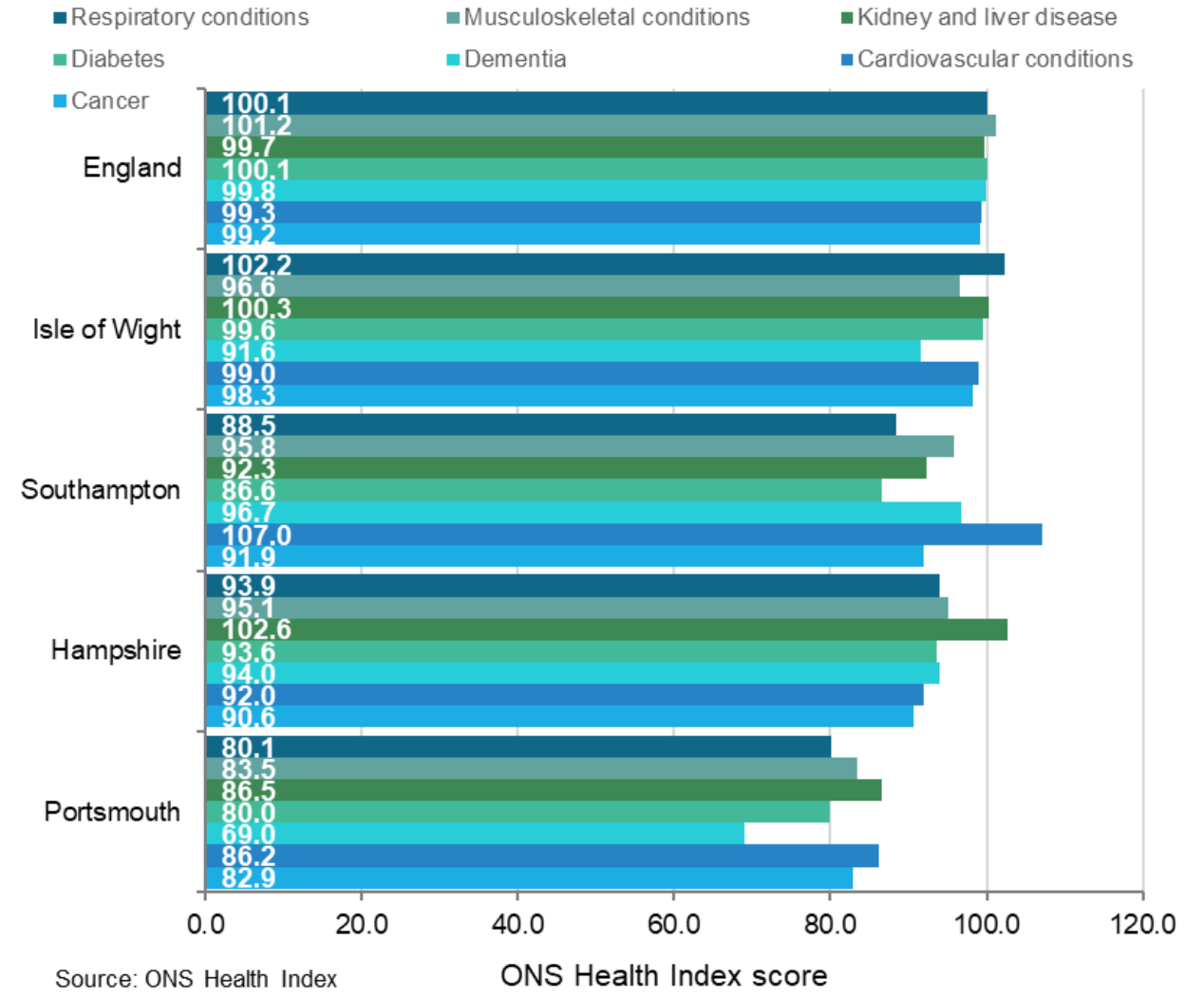
- For **feelings of anxiety**, **Southampton** has the **2nd lowest and worst** score of **87.9**. Southampton also has the **2nd lowest and worst** score for **activities in life are worthwhile** (**89.1**).
- Southampton has the **lowest and worst** score for **life satisfaction** (**80.5**), which is **nearly 2 standard deviations lower**, and **happiness** (**83.2**).



ONS physical health condition scores, Southampton, England and local neighbours comparison, 2020



ONS personal wellbeing indicator scores, Southampton, England and local neighbours comparison, 2020



- **Southampton** has a score of **92.6**, the **3rd lowest** amongst England and local comparators.
- Southampton has the **highest and best** score for **Cardiovascular disease (107.0)** and the **2nd highest** score for **dementia (96.7)**.

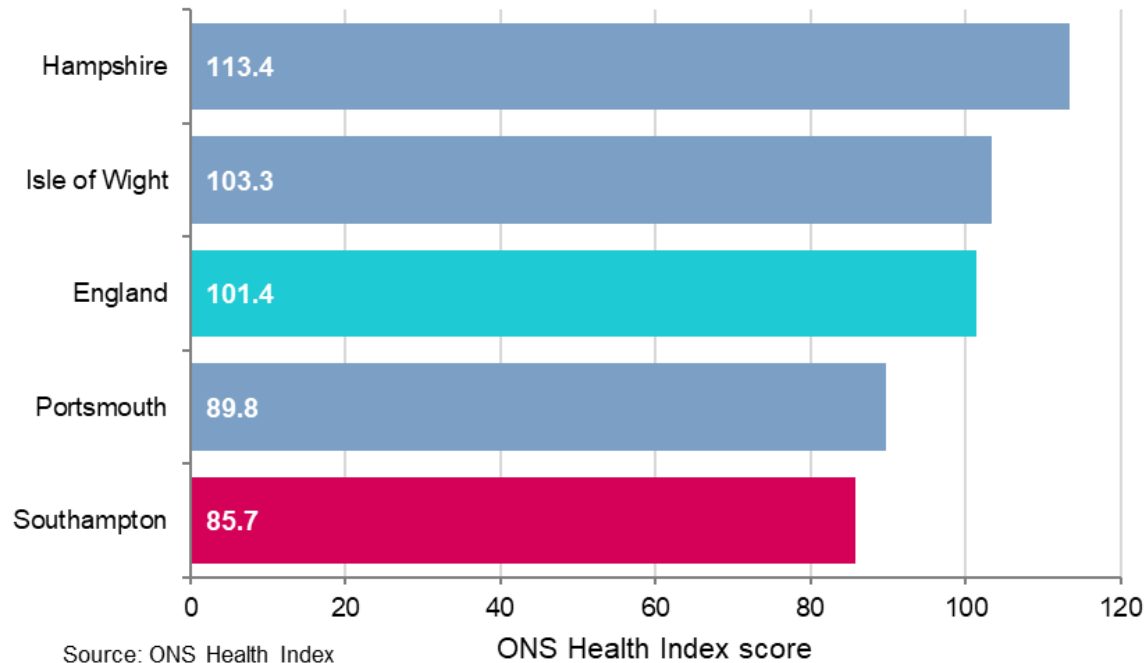


Healthy Lives



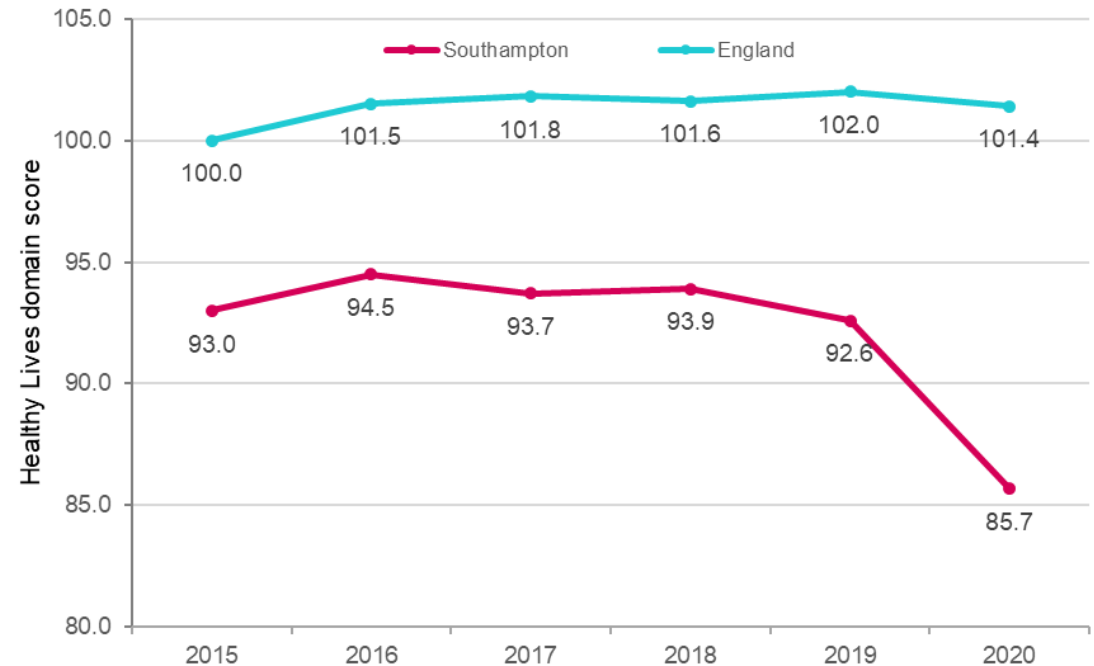


ONS Healthy Lives domain scores, Southampton, England and local neighbours comparison, 2020



- Compared to England and local neighbours Hampshire, Isle of Wight and Portsmouth, **Southampton** has the **lowest** score for Healthy Lives, **85.7**.
- Southampton is **15.7 points lower** than England and **27.7 points lower** than the highest score for **Hampshire (113.4)**.

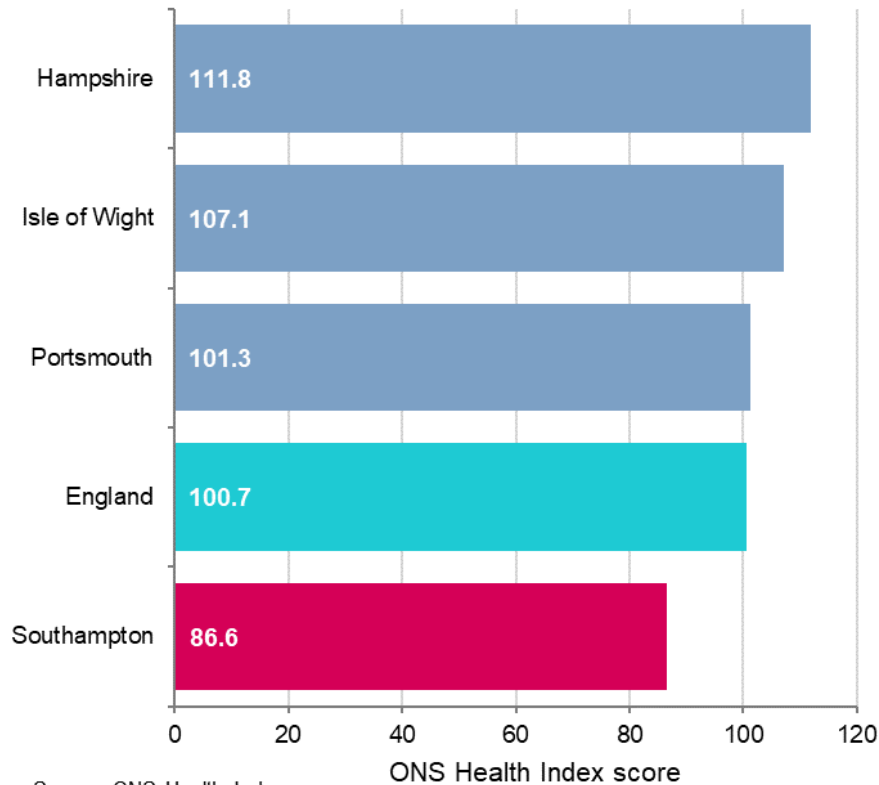
ONS Healthy Lives domain, Southampton and England trend, 2015 to 2020



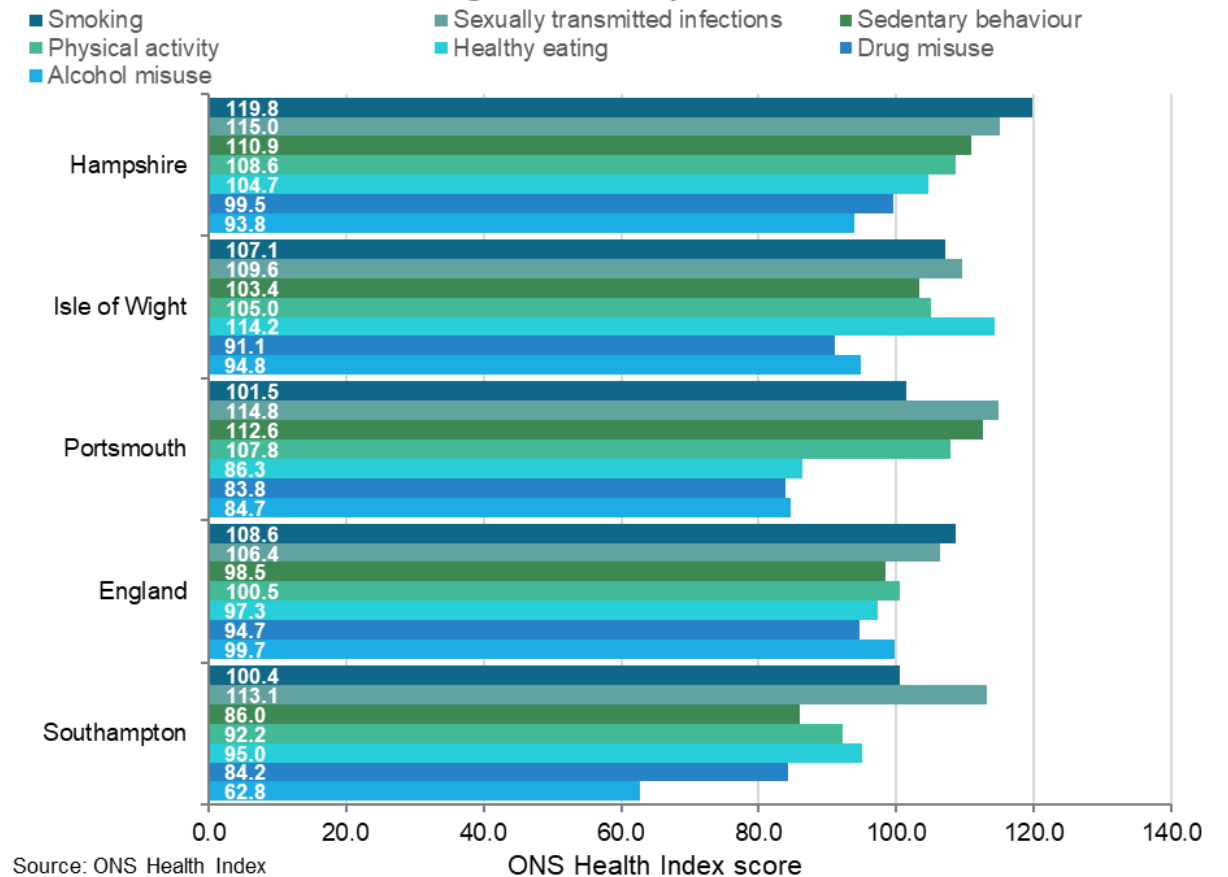
- **Southampton's Healthy Lives** score has been **lower** than **England's baseline score** since 2015.
- The **highest score** for **Southampton** was **94.5** in **2016**.
- **England's** score has **dropped** from **102.0** in **2019** to **101.4** in **2020**.
- **Southampton's** score has made a **steep decrease** from **92.6** in **2019** to **85.7** in **2020**.



ONS behavioural risk factors scores, Southampton, England and local neighbours comparison, 2020



ONS behavioural risk factor indicator scores, Southampton, England and local neighbours comparison, 2020

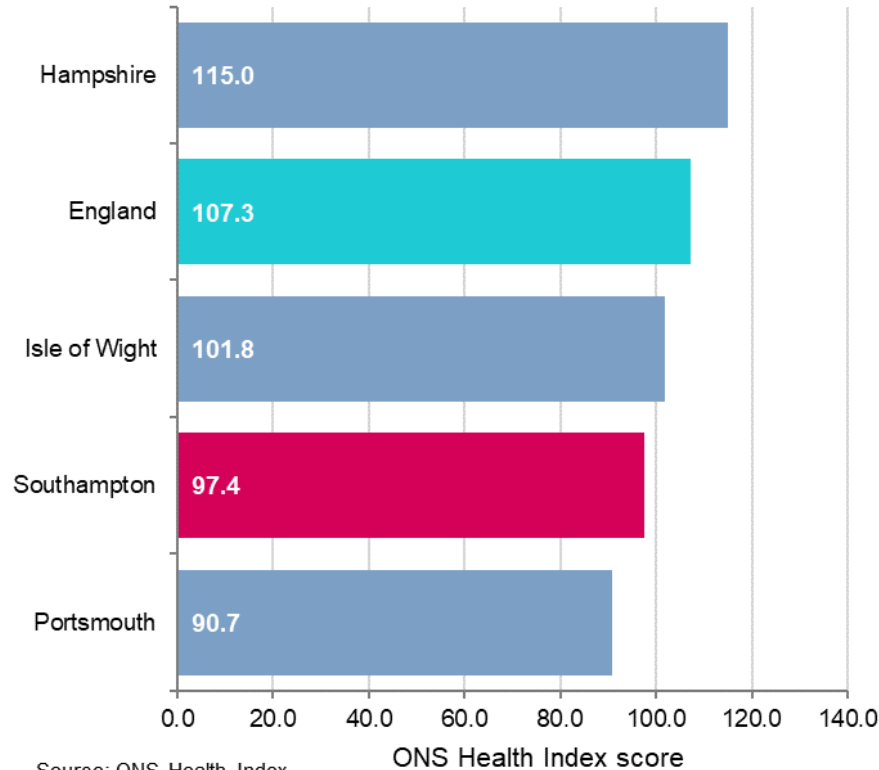


- **Southampton's score for behavioural risk factors is 86.6, the lowest compared to England and local neighbours for 2020 and over 1 standard deviation lower than England 2015.**

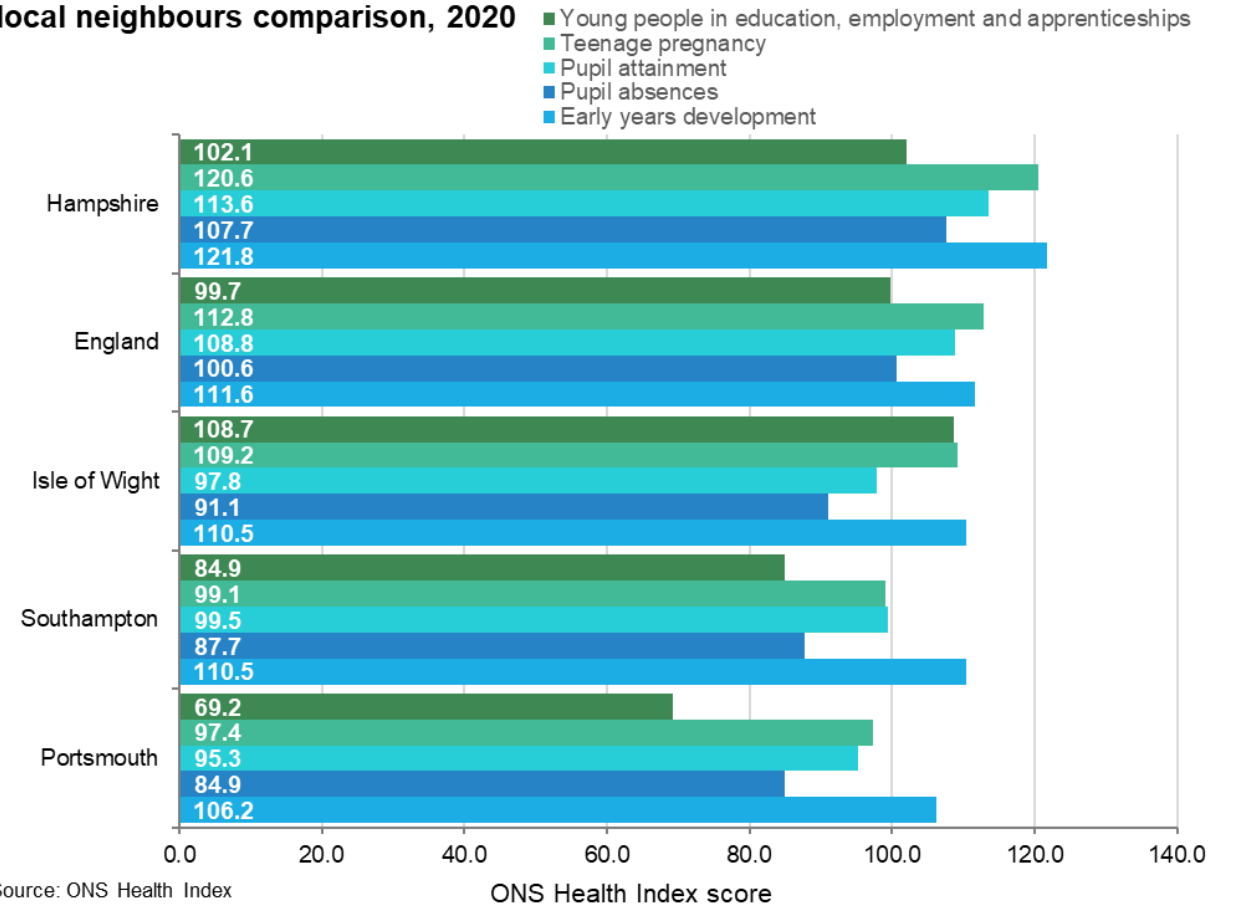
- **Southampton has the lowest and worst score for physical activity (92.2), alcohol misuse (62.8), sedentary behaviour (86.0) and the 2nd lowest and worst score for healthy eating (95.0).**
- **Although smoking (100.4) is the lowest score compared to England and local neighbours, it is better than England's 2015 score.**



ONS children and young people scores, Southampton, England and local neighbours comparison, 2020



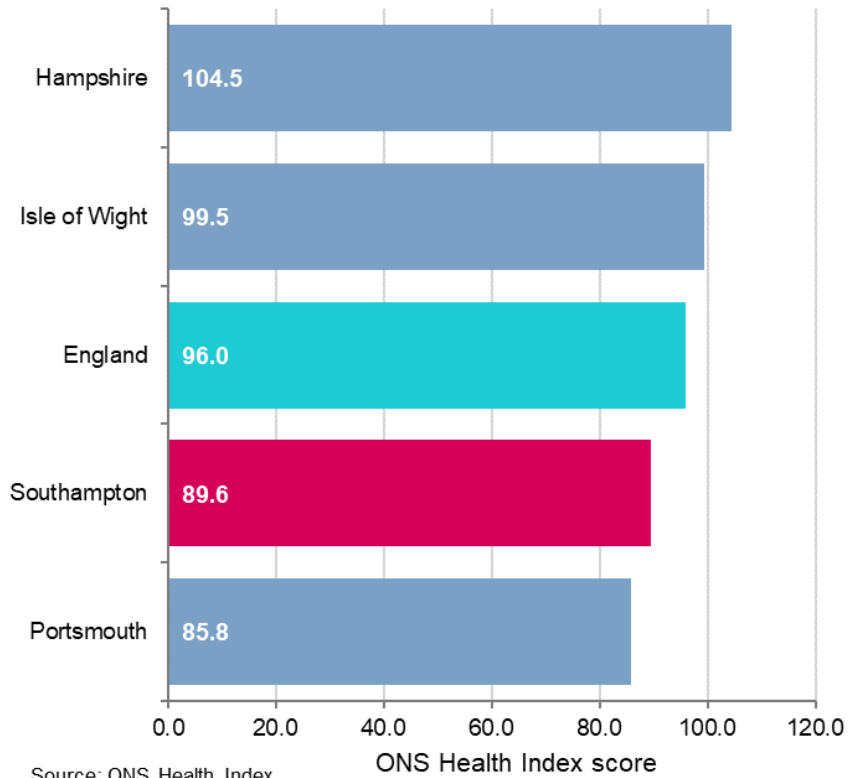
ONS children and young people indicator scores, Southampton, England and local neighbours comparison, 2020



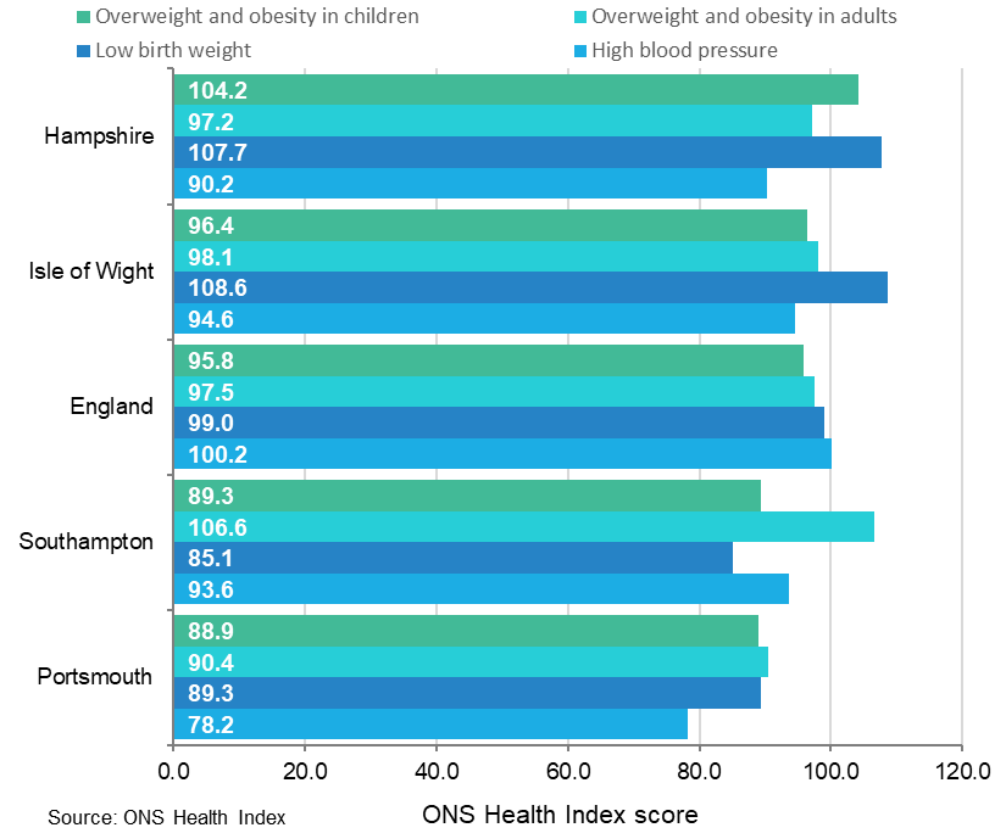
- **Southampton children and young people score is 97.4, the 2nd lowest compared to England and local neighbours and lower than England's 2015 score.**
- **Southampton has the 2nd lowest and worst scores for teenage pregnancy (99.1), pupil absences (87.7), young people in education and employment (84.9), and early years development (110.5) and 3rd highest for pupil attainment (99.5).**
- **Pupil absences and young people in education and employment scores are over 1 standard deviation lower than England 2015.**



ONS physiological risk factors scores, Southampton, England and local neighbours comparison, 2020



ONS physiological risk factors indicator scores, Southampton, England and local neighbours comparison, 2020

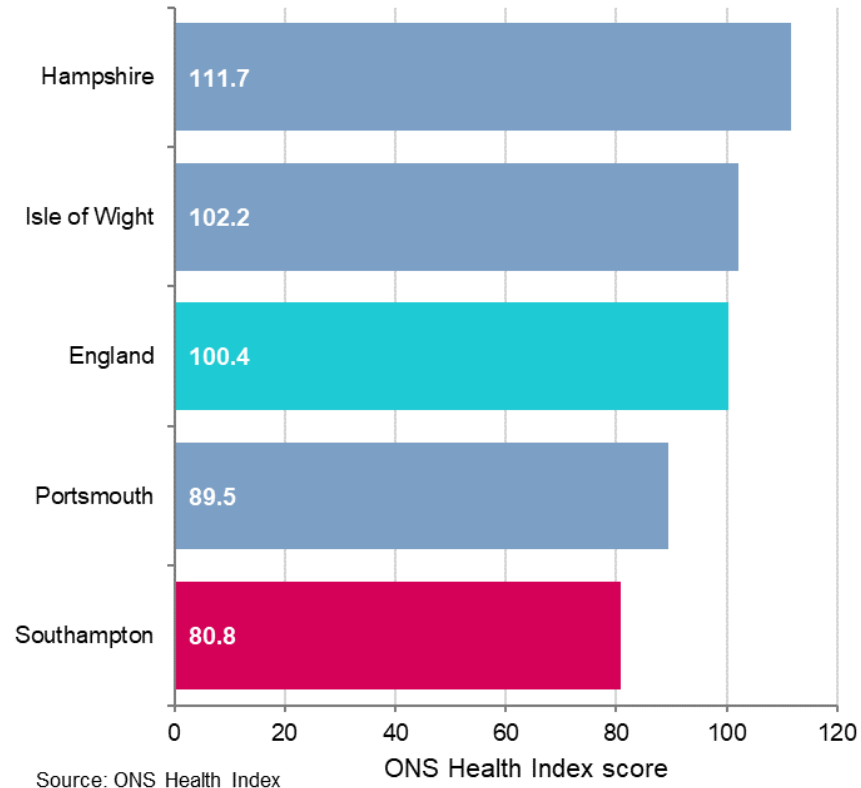


- For **physiological risk factors**, **Southampton** has a score of **89.6**, the **2nd lowest and worst** compared to England and local neighbours and just **over 1 standard deviation lower** than England 2015.

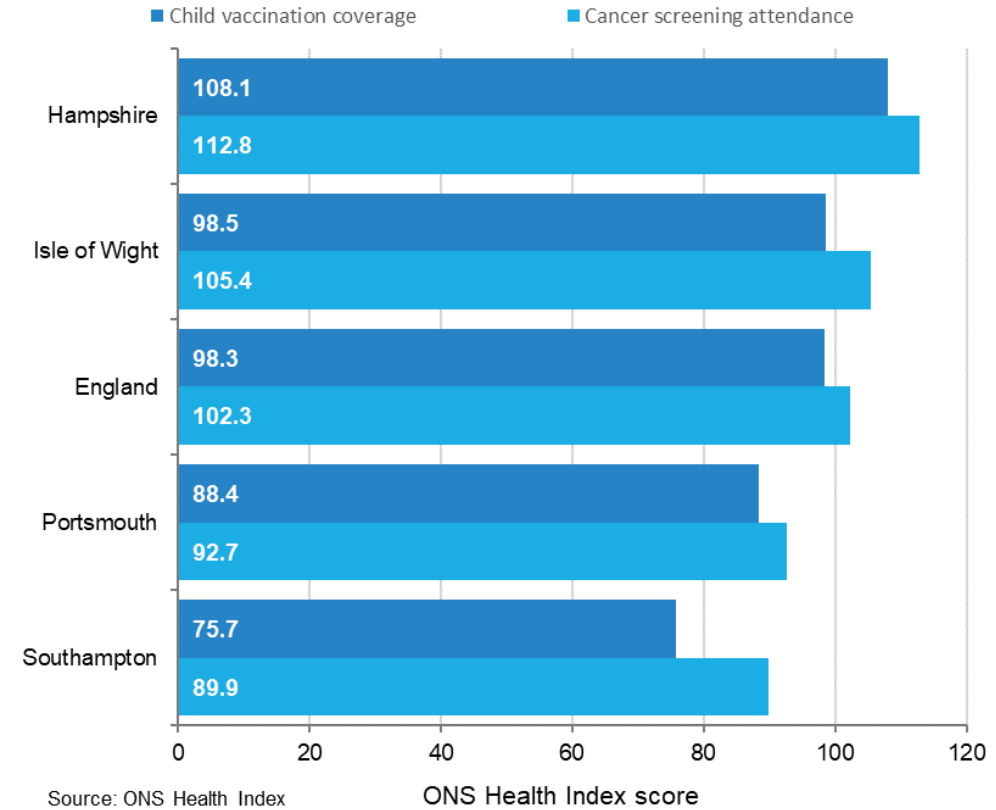
- **Southampton** has the **lowest and worst** score for **low birth weight (85.1)**, **over 1 standard deviation lower** than England 2015.
- However, **Southampton** has the **highest and best** score of **106.6** for **overweight and obesity in adults**. This is **8.5 points higher** than the **next highest score** which is Isle of Wight (98.1) and also higher than England 2015.



ONS protective measures scores, Southampton, England and local neighbours comparison, 2020



ONS protective measures indicator scores, Southampton, England and local neighbours comparison, 2020

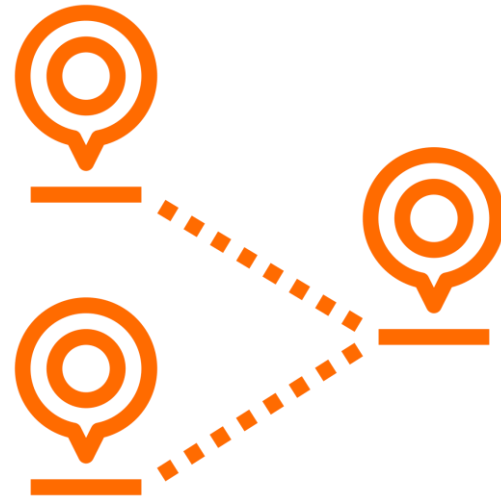


- **Southampton has the lowest and worst score of 80.8 for protective measures** compared to England and local neighbours, **nearly 2 standard deviations below** England 2015.

- **Southampton has the lowest and worst scores for child vaccination coverage (75.7) and cancer screening attendance (89.9).**

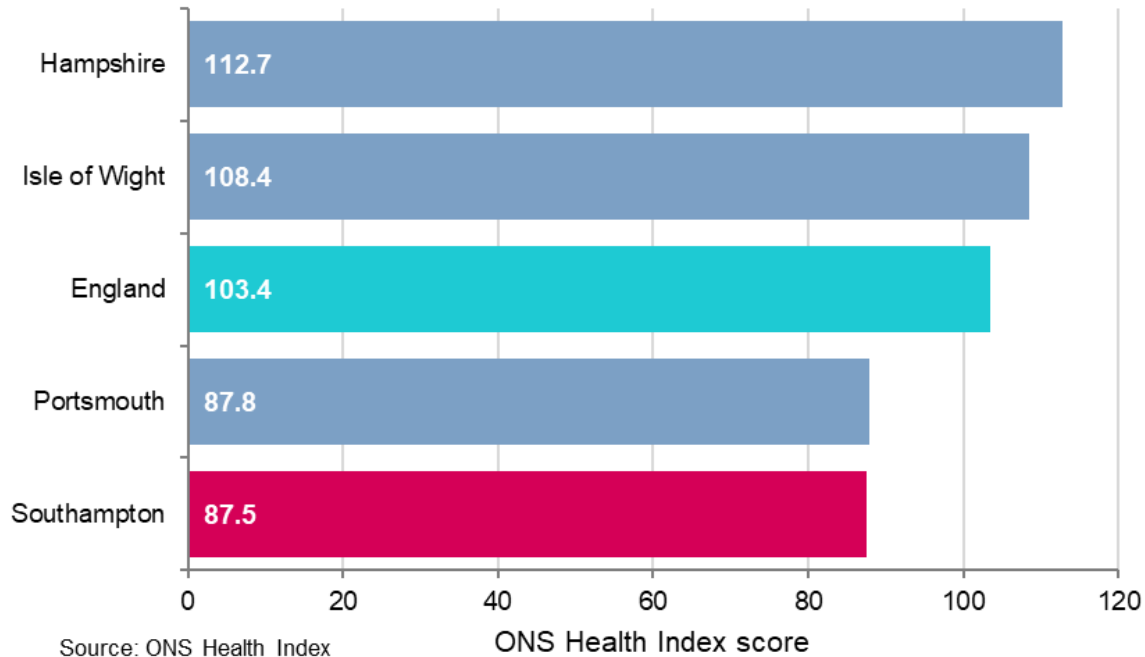


Healthy Places



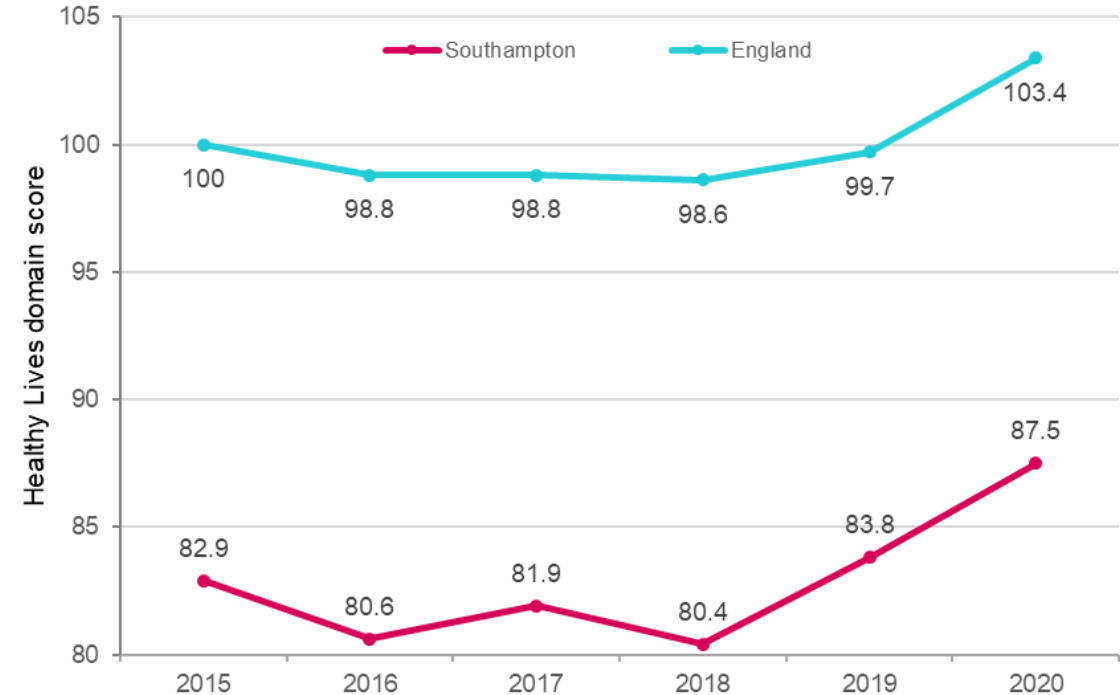


ONS Healthy Place domain scores, Southampton, England and local neighbours comparison, 2020



- Compared to England and local neighbours Hampshire, Isle of Wight and Portsmouth, **Southampton** has the **lowest** score for **Healthy Place**, **87.5**.
- **Southampton** is **15.9 points lower** than England and **25.2 points lower** than the highest score for Hampshire (112.7).

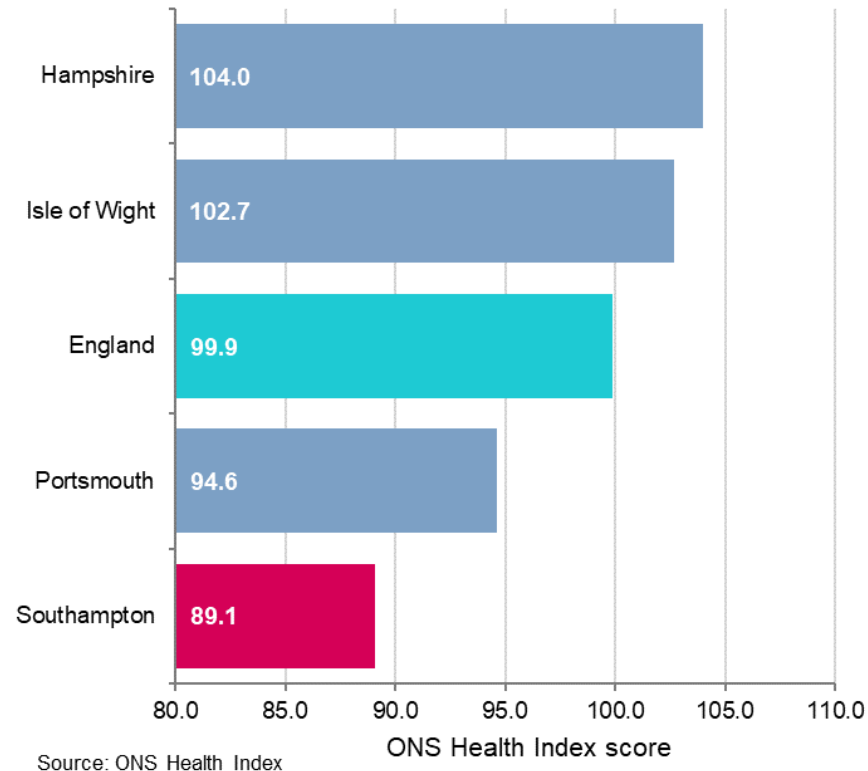
ONS Healthy Places domain, Southampton and England trend, 2015 to 2020



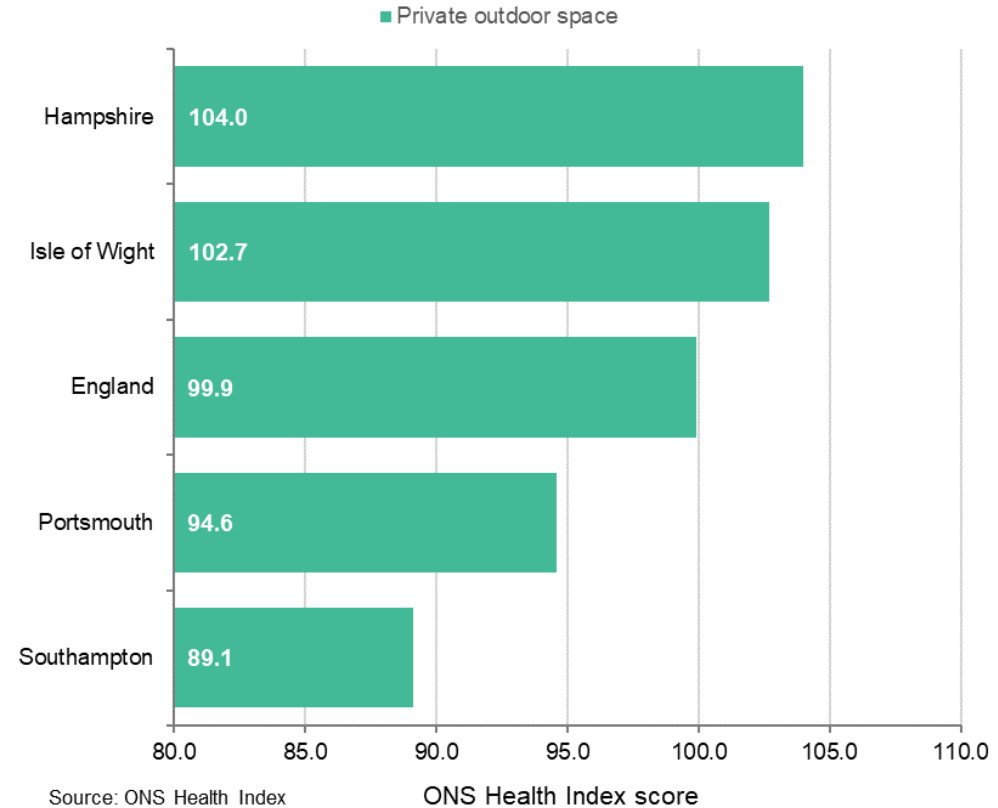
- **Southampton's Healthy Places** score has been **lower than England's baseline score since 2015**.
- Since **2018**, **Southampton** has **followed the same trend** as England and has **made a steep increase**.
- **Southampton** increased from **80.4** in **2018** to **87.5** in **2020**.



ONS access to green space scores, Southampton, England and local neighbours comparison, 2020



ONS access to green space indicator scores, Southampton, England and local neighbours comparison, 2020

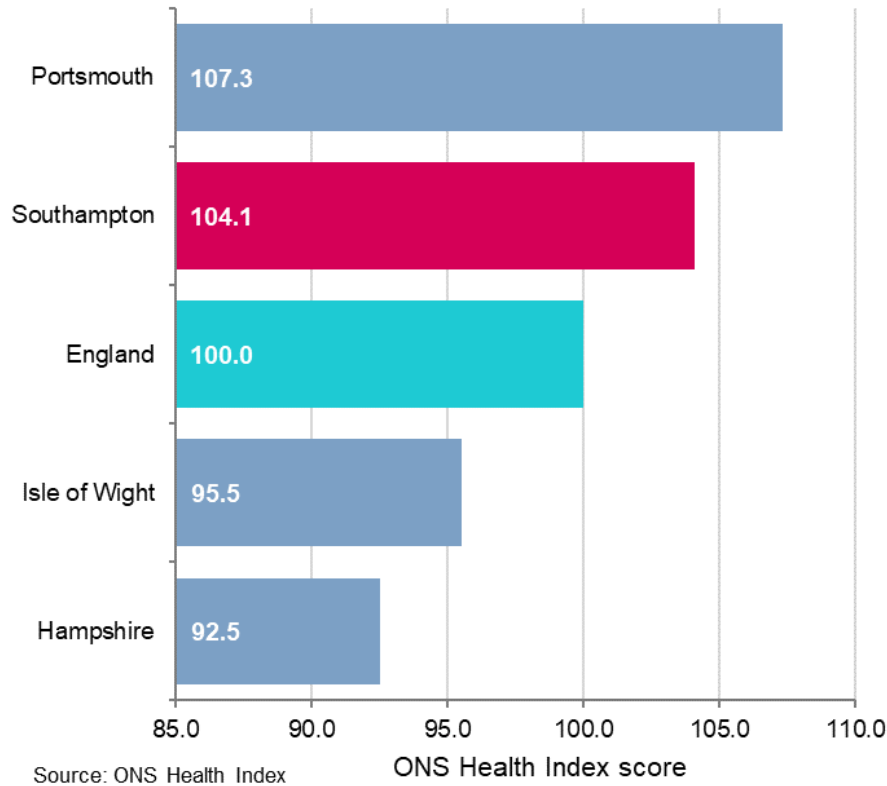


- Southampton has a score of 89.1 for **access to green space**, the **lowest and worst** amongst England and local neighbours.
- This is **over 1 standard deviation lower** than England in 2015.

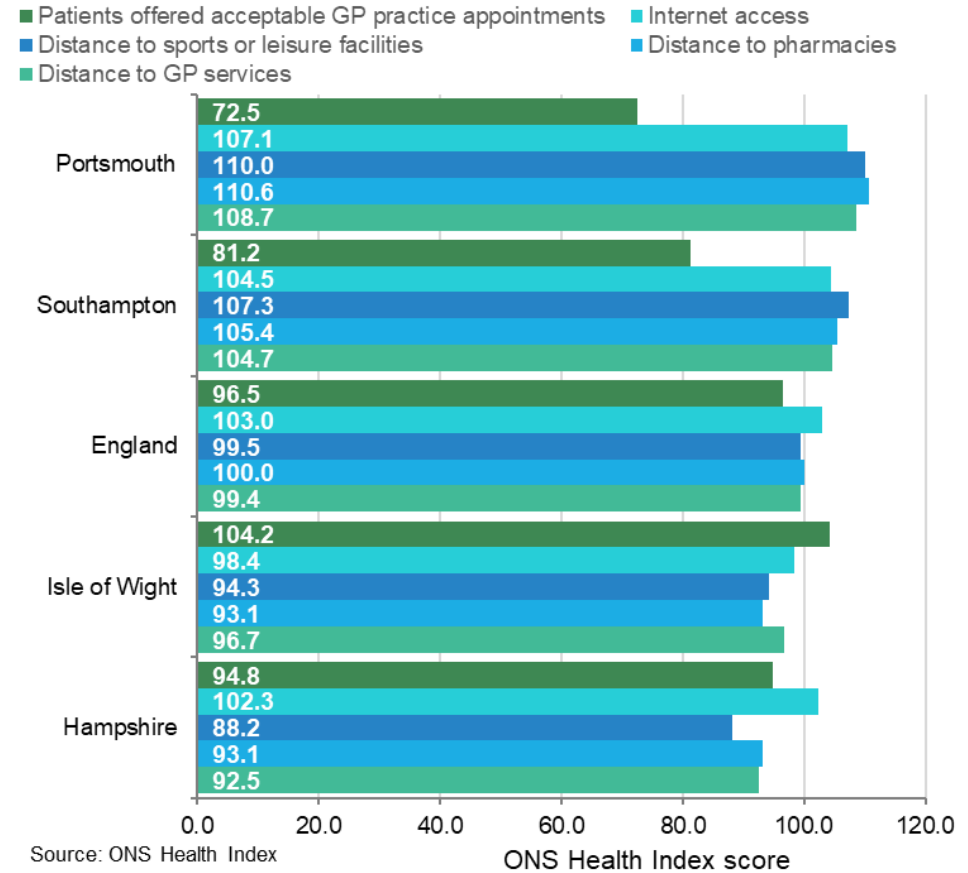
- “Access to green space” **only looks at private outdoor space**, therefore both have the same score.



ONS access to services scores, Southampton, England and local neighbours comparison, 2020



ONS access to services indicator scores, Southampton, England and local neighbours comparison, 2020

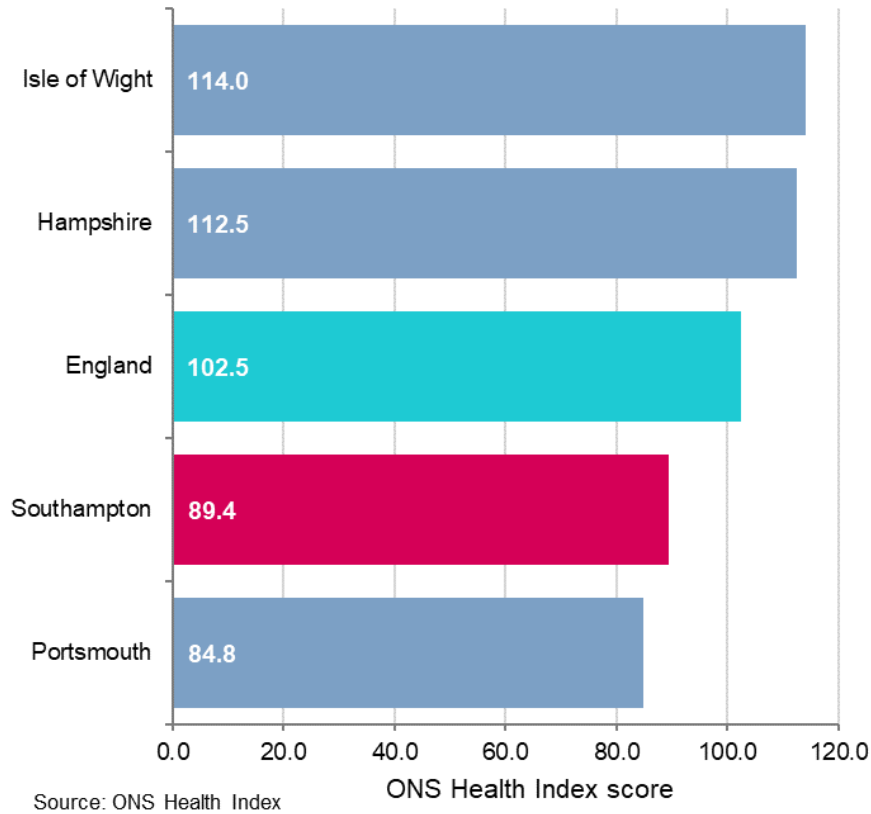


- **Southampton's score for access to services is 104.1, the 2nd highest and 4.1 points higher than England.**
- **Access to services is Southampton's highest sub-domain score.**

- **For distance to GP's, pharmacies, sports or leisure facilities and internet access, Southampton has the 2nd highest and best score.**
- **However, for patients who were offered acceptable GP appointments, Southampton was the second lowest and worst (81.2).**

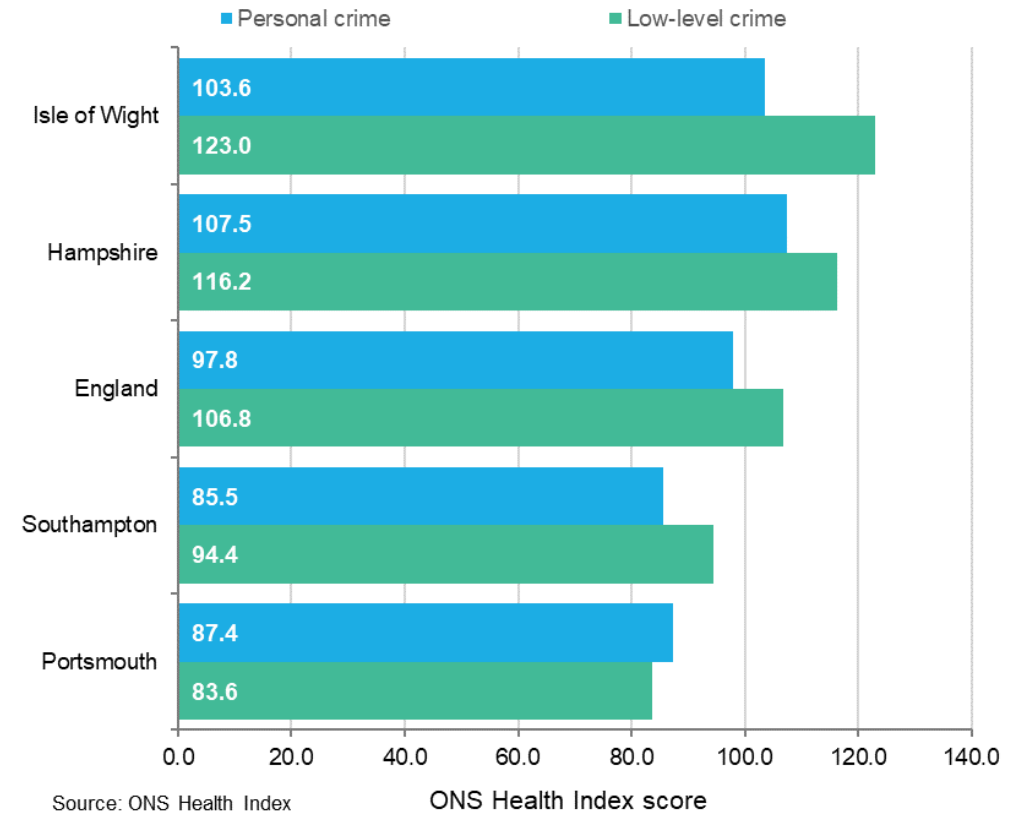


ONS crime scores, Southampton, England and local neighbours comparison, 2020



- **Southampton** has a score of **89.4** for **crimes** in Southampton, the **2nd lowest and worst** score, **lower than England (102.5)** in 2020 and just **over 1 standard deviation lower** than England in 2015.

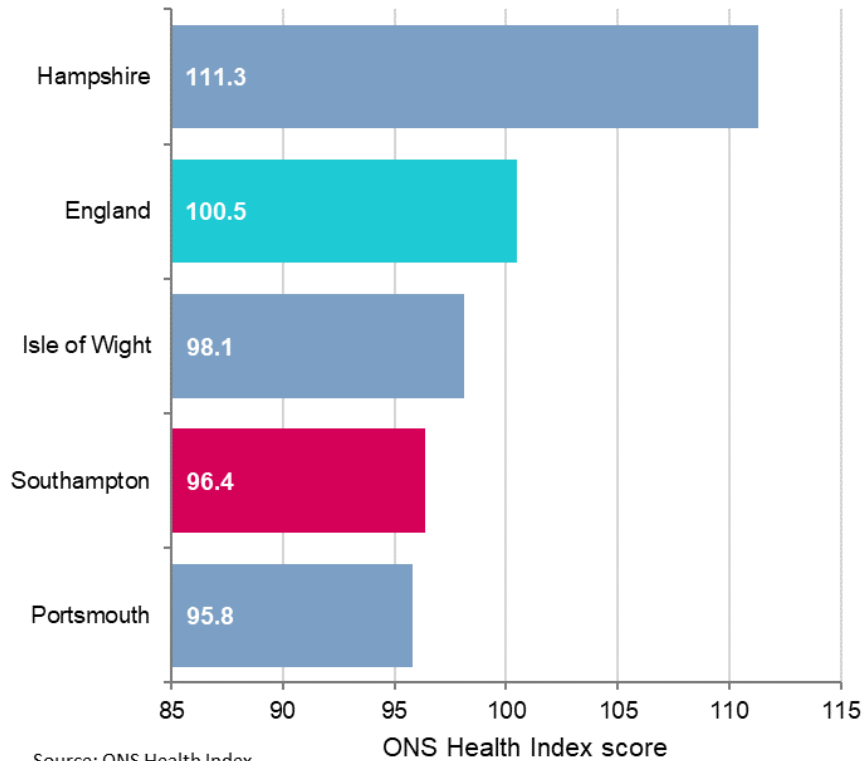
ONS crime indicator scores, Southampton, England and local neighbours comparison, 2020



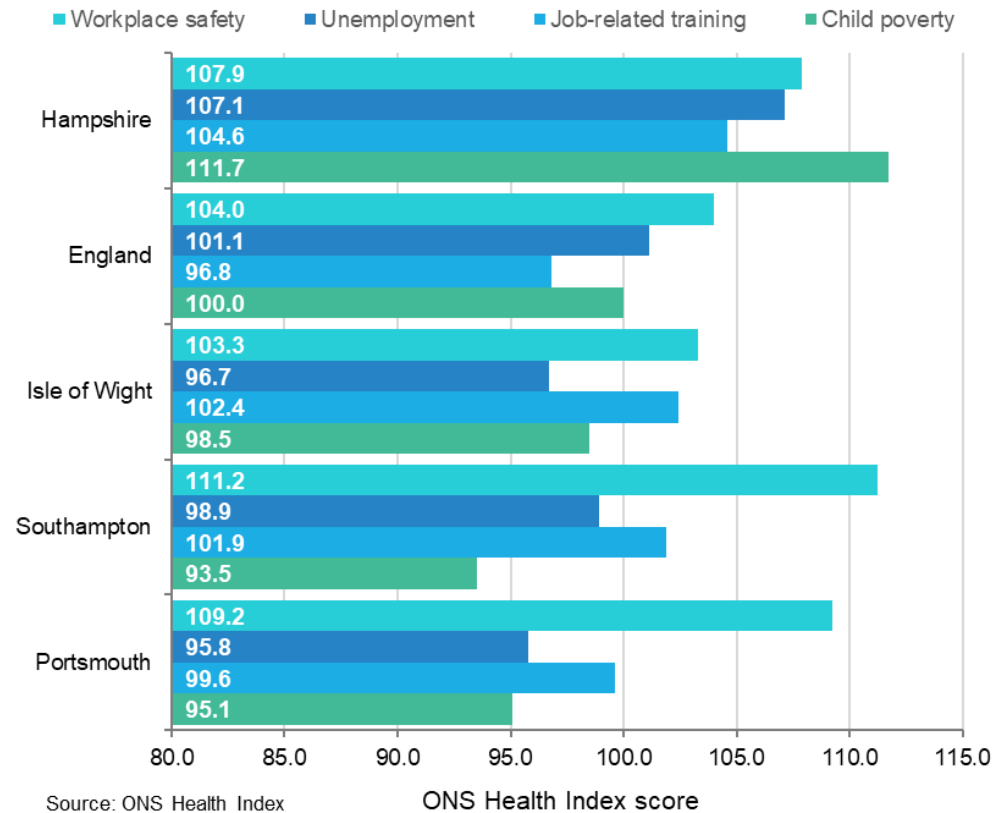
- **Southampton** has the **lowest and worst** score for **personal crime (85.5)** compared to England and local neighbours, and the **2nd lowest and worst** score for **low-level crime (94.4)**.



ONS economic and working conditions scores, Southampton, England and local neighbours comparison, 2020



ONS economic and working conditions indicator scores, Southampton, England and local neighbours comparison, 2020

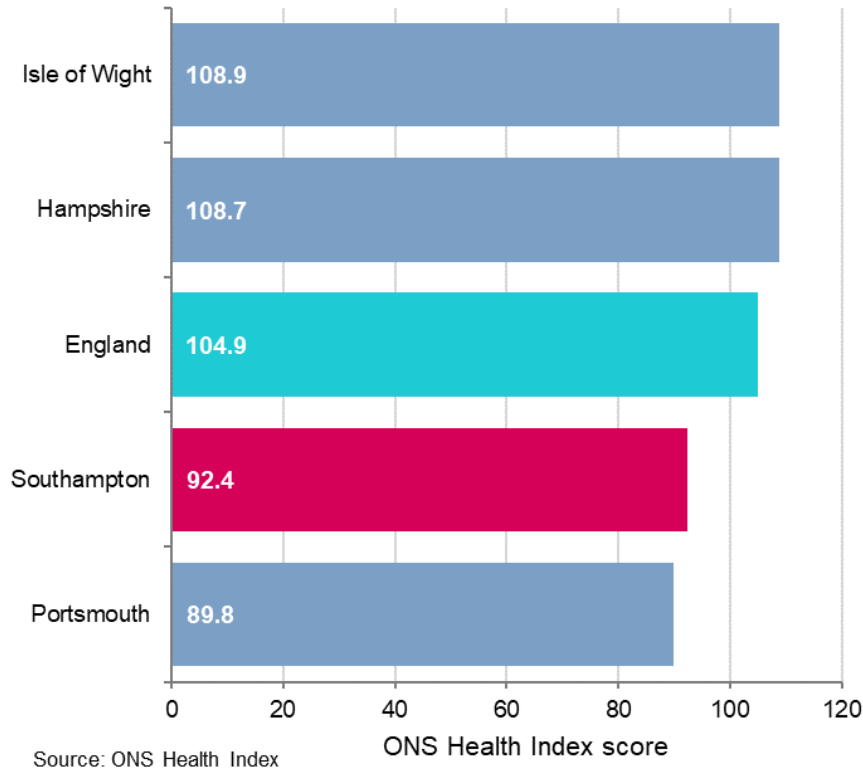


- **Southampton** has the **2nd lowest** score of **96.4** for **economic and working conditions**, **lower than England (100.5)** and lower than England in 2015.

- **Southampton** has the **highest and best** score for **workplace safety (111.2)**, just **over 1 deviation higher** than England in 2015.
- **Southampton** also has a score **higher than 100** for **job-related training (101.9)**.
- However **Southampton** has the **lowest and worst** score for **child poverty (93.5)**.

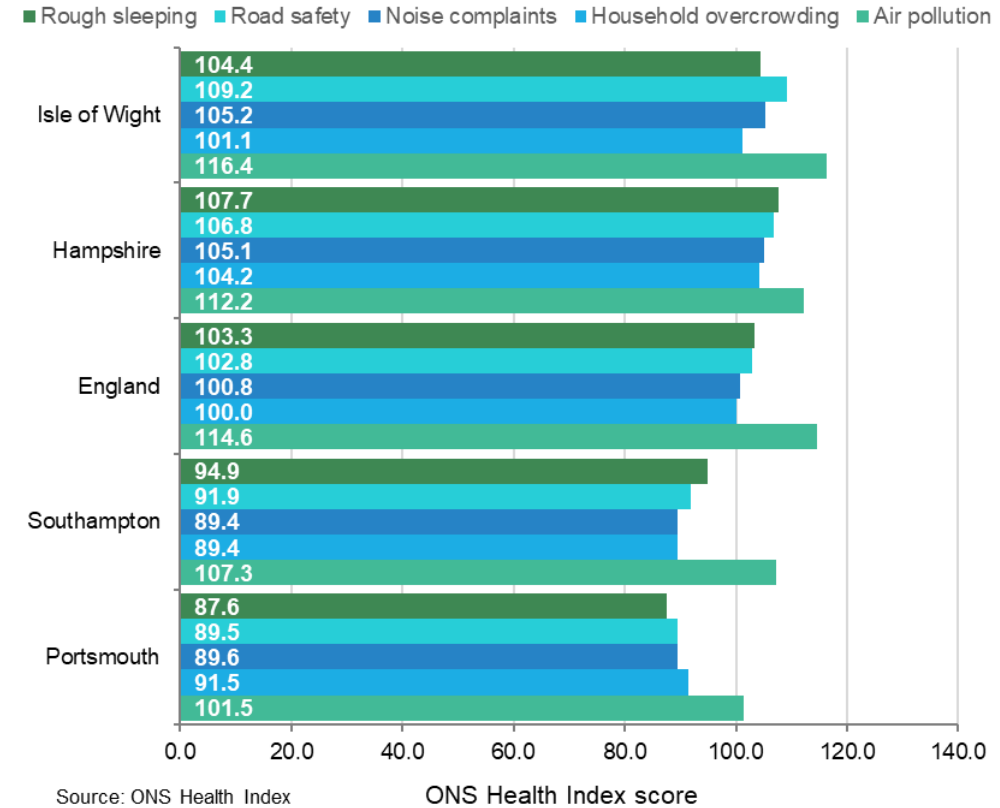


ONS living conditions scores, Southampton, England and local neighbours comparison, 2020



- **Southampton** has the **2nd lowest and worst** score of **92.4** for **living conditions**, lower than England 2020, 104.9.

ONS living conditions indicator scores, Southampton, England and local neighbours comparison, 2020



- **Southampton** has the **lowest and worst** score for **household overcrowding**, **89.4**, and **noise complaints**, **89.4**, both just over **1 deviation** lower than England 2015.
- However for **air pollution**, Southampton has a score of **107.3**, **higher than England** in 2015.



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