

Isle of Wight Joint Strategic Needs Assessment:**2011**

Domain: Health and Wellbeing Status
Sub-Domain: Life Expectancy & Mortality
Indicator: Life Expectancy

please click on number below to go to required dataset

Dataset Number	Dataset
	Life Expectancy at Birth
<u>1.</u>	- IW comparisons with England and South-East Region.
<u>2.</u>	- IW Inequalities by Gender.
<u>3.</u>	- IW Inequalities by Electoral Ward
<u>4.</u>	- IW Inequalities by Deprivation Quintile
<u>5.</u>	- IW Inequalities by Deprivation Decile - Slope Index of Inequality
	Life Expectancy at Age 65:
<u>6.</u>	- IW comparisons with England and South-East Region.
<u>7.</u>	- IW Inequalities by Gender.
	Healthy Life Expectancy at Birth
<u>8.</u>	- IW comparison with England - Healthy / Unhealthy Life Expectancy

Isle of Wight Joint Strategic Needs Assessment - 2011
Life Expectancy

Isle of Wight Joint Strategic Needs Assessment: 2011

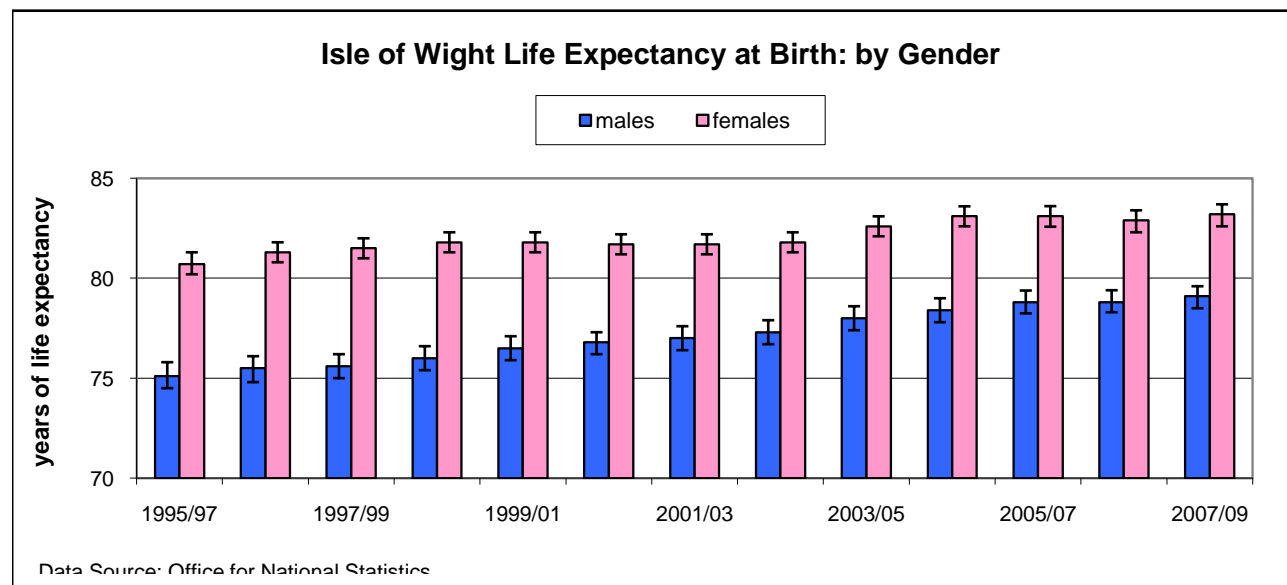
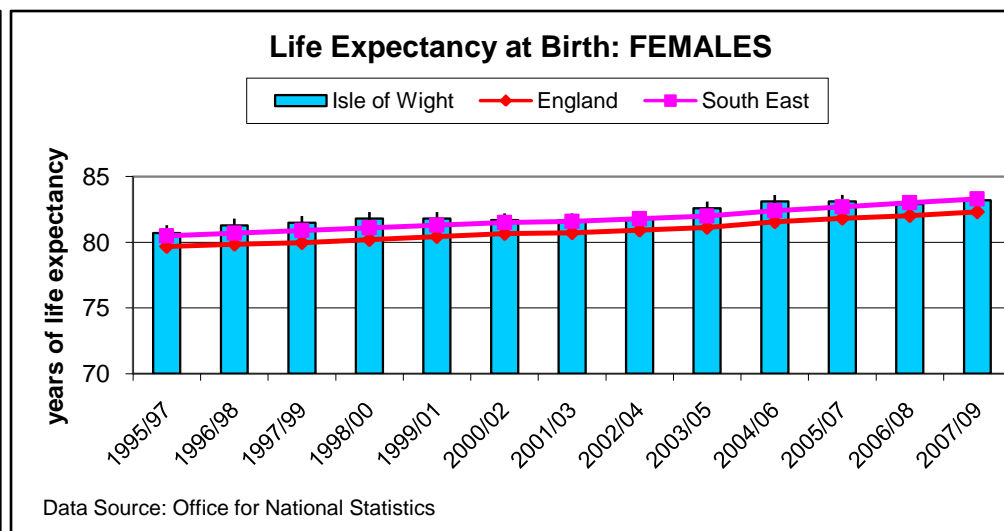
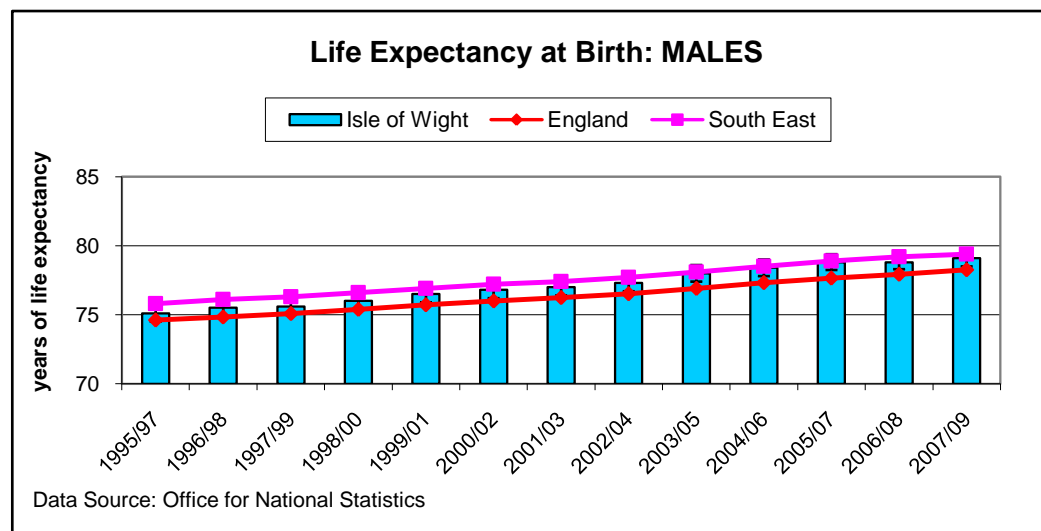
Domain: Health and Wellbeing Status Data Source: Office for National Statistics
 Sub-Domain: Life Expectancy & Mortality Indicator definition: [see below](#)
 Indicator: Life Expectancy at Birth:
IW Comparisons with England and the South East

Life Expectancy at Birth (Years)

Males	1995/97	1996/98	1997/99	1998/00	1999/01	2000/02	2001/03	2002/04	2003/05	2004/06	2005/07	2006/08	2007/09
England	74.6	74.8	75.1	75.4	75.7	76.0	76.2	76.5	76.9	77.3	77.7	77.9	78.3
South East	75.8	76.1	76.3	76.6	76.9	77.2	77.4	77.7	78.1	78.5	78.9	79.2	79.4
Isle of Wight	75.1	75.5	75.6	76.0	76.5	76.8	77.0	77.3	78.0	78.4	78.8	78.8	79.1

Females	1995/97	1996/98	1997/99	1998/00	1999/01	2000/02	2001/03	2002/04	2003/05	2004/06	2005/07	2006/08	2007/09
England	79.7	79.8	80.0	80.2	80.4	80.7	80.7	80.9	81.1	81.6	81.8	82.0	82.3
South East	80.5	80.7	80.9	81.1	81.3	81.5	81.6	81.8	82.0	82.4	82.7	83.0	83.3
Isle of Wight	80.7	81.3	81.5	81.8	81.8	81.7	81.7	81.8	82.6	83.1	83.1	82.9	83.2

Isle of Wight Joint Strategic Needs Assessment - 2011
Life Expectancy



Isle of Wight Joint Strategic Needs Assessment - 2011
Life Expectancy

INDICATOR DEFINITION	
Indicator:	Life Expectancy at Birth
Definition:	Life expectancy at birth (a measure of mortality) for an area in a given period is an estimate of the number of years a new-born baby would survive, if he or she were to experience the particular area's age-specific mortality rates for that time period throughout his or her life.
Numerator (number of people or events)	Number of deaths of people resident in the specified area which were registered in the specified years.
Denominator (total population or)	Resident population for the specified years. All Ages by Gender
Geographic	Local Authority
Time period	As shown above. Life Expectancy is published for pooled three-year periods in order to present more even trends over time.
Data Source(s)	Office for National Statistics http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-198966 published October 2010
Significance for Health	Higher rates are associated with better health. Lower rates are associated with worse health.
Factors that might affect the Accuracy of this Indicator	The presence of nursing or care homes in an area can shorten (worsen) that area's life expectancy estimate, through frail people moving into the area.

Isle of Wight Joint Strategic Needs Assessment - 2011
Life Expectancy

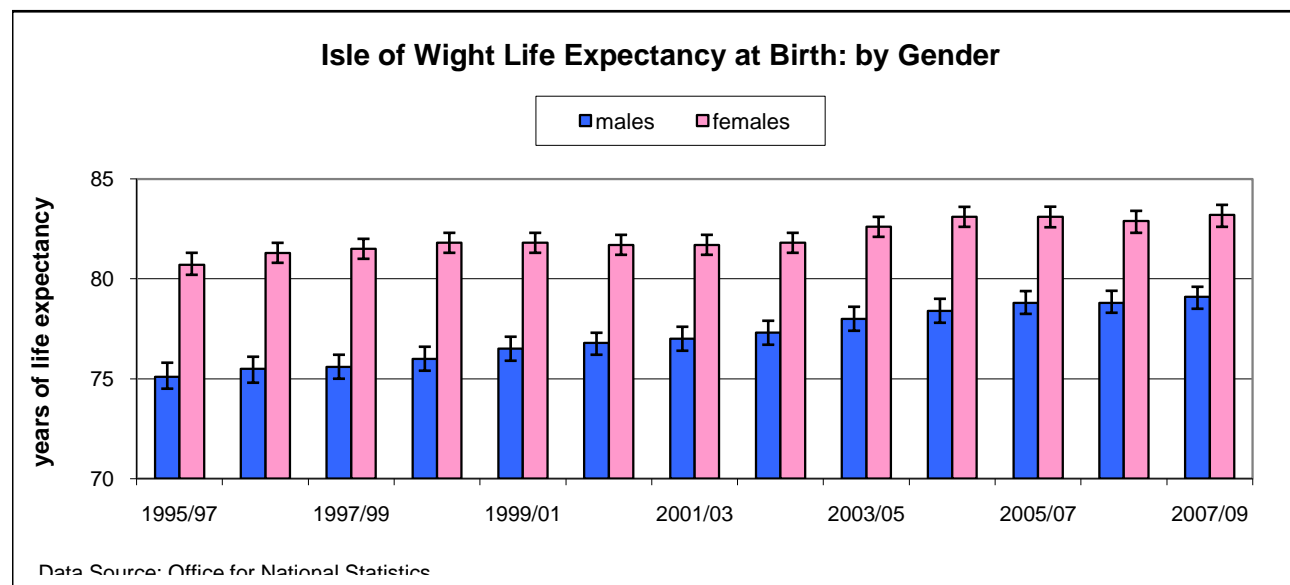
Isle of Wight Joint Strategic Needs Assessment: 2011

Domain: Health and Wellbeing Status
Sub-Domain: Life Expectancy & Mortality
Indicator: Life Expectancy at Birth:
IW by Gender

Data Source: Office for National Statistics
Indicator definition: [see below](#)

Life Expectancy at Birth (Years)

Isle of Wight	1995/97	1996/98	1997/99	1998/00	1999/01	2000/02	2001/03	2002/04	2003/05	2004/06	2005/07	2006/08	2007/09
male	75.1	75.5	75.6	76.0	76.5	76.8	77.0	77.3	78.0	78.4	78.8	78.8	79.1
female	80.7	81.3	81.5	81.8	81.8	81.7	81.7	81.8	82.6	83.1	83.1	82.9	83.2



Isle of Wight Joint Strategic Needs Assessment - 2011
Life Expectancy

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Geographic	Local Authority
Time period	As shown above. Life Expectancy is published for pooled three-year periods in order to present more even trends over time.
Data Source(s)	Office for National Statistics http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-198966 published October 2010
Significance for Health	Higher rates are associated with better health. Lower rates are associated with worse health.
Factors that might affect the Accuracy of this Indicator	The presence of nursing or care homes in an area can shorten (worsen) that area's life expectancy estimate, through frail people moving into the area.

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Isle of Wight Joint Strategic Needs Assessment: 2011

Domain:	Health and Wellbeing Status	Data Source:	Office for National Statistics / SE Public Health Observatory Calculator
Sub-Domain:	Life Expectancy & Mortality	Indicator definition:	see below
Indicator:	Life Expectancy at Birth: IW by Electoral Ward - Persons		

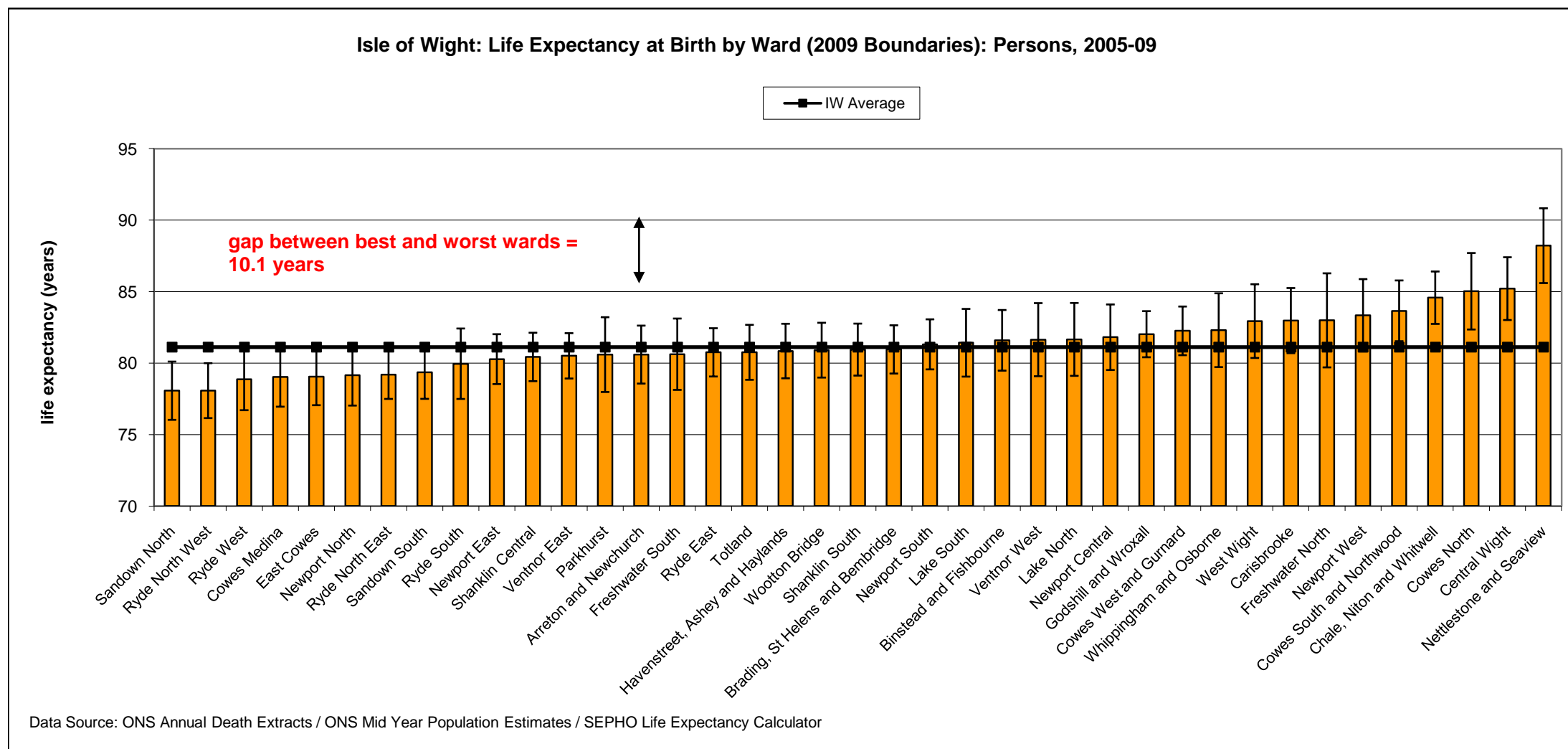
Isle of Wight: Life Expectancy at Birth by Ward: 2005 - 09 Aggregate Data: Persons

Ward Code	Ward Name	Life Expectancy (Years)
00MWRE	Arreton and Newchurch	80.6
00MWRF	Binstead and Fishbourne	81.6
00MWRG	Brading, St Helens and Bembridge	81.0
00MWRH	Carisbrooke	83.0
00MWRJ	Central Wight	85.2
00MWRK	Chale, Niton and Whitwell	84.6
00MWRL	Cowes Medina	79.0
00MWRM	Cowes North	85.0
00MWRN	Cowes South and Northwood	83.7
00MWRP	Cowes West and Gurnard	82.3
00MWRQ	East Cowes	79.1
00MWRR	Freshwater North	83.0
00MWRS	Freshwater South	80.6
00MWRT	Godshill and Wroxall	82.0
00MWRU	Havenstreet, Asheys and Haylands	80.8
00MWRW	Lake North	81.7
00MWRX	Lake South	81.4
00MWRY	Nettlestone and Seaview	88.2
00MWRZ	Newport Central	81.8
00MWSA	Newport East	80.3

Ward Code	Ward Name	Life Expectancy (Years)
00MWSB	Newport North	79.1
00MWSC	Newport South	81.3
00MWSD	Newport West	83.3
00MWSE	Parkhurst	80.6
00MWSF	Ryde East	80.8
00MWSG	Ryde North East	79.2
00MWSH	Ryde North West	78.1
00MWSJ	Ryde South	80.0
00MWSK	Ryde West	78.9
00MWSL	Sandown North	78.1
00MWSM	Sandown South	79.4
00MWSN	Shanklin Central	80.4
00MWSO	Shanklin South	80.9
00MWSQ	Totland	80.8
00MWSR	Ventnor East	80.5
00MWSW	Ventnor West	81.6
00MWSX	West Wight	82.9
00MWSY	Whippingham and Osborne	82.3
00MWSZ	Wootton Bridge	80.9

	Isle of Wight Average	81.1
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Isle of Wight: Life Expectancy at Birth by Ward: 2005 - 09 Aggregate Data - Ranked by Ward

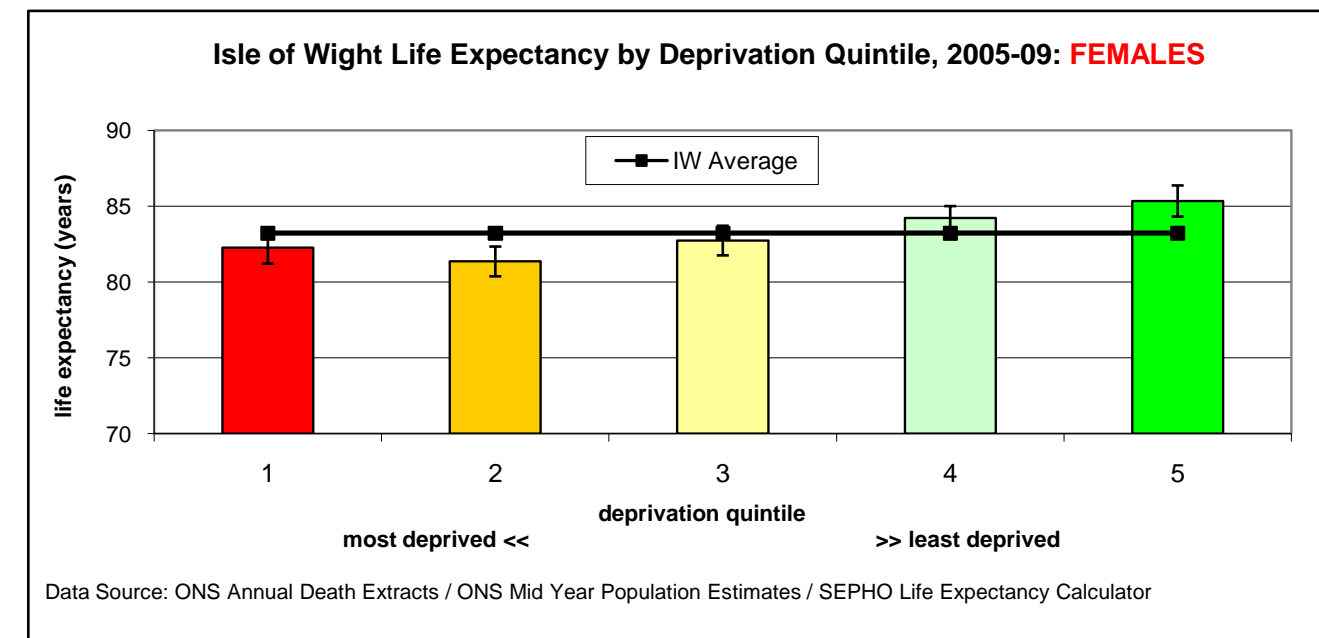
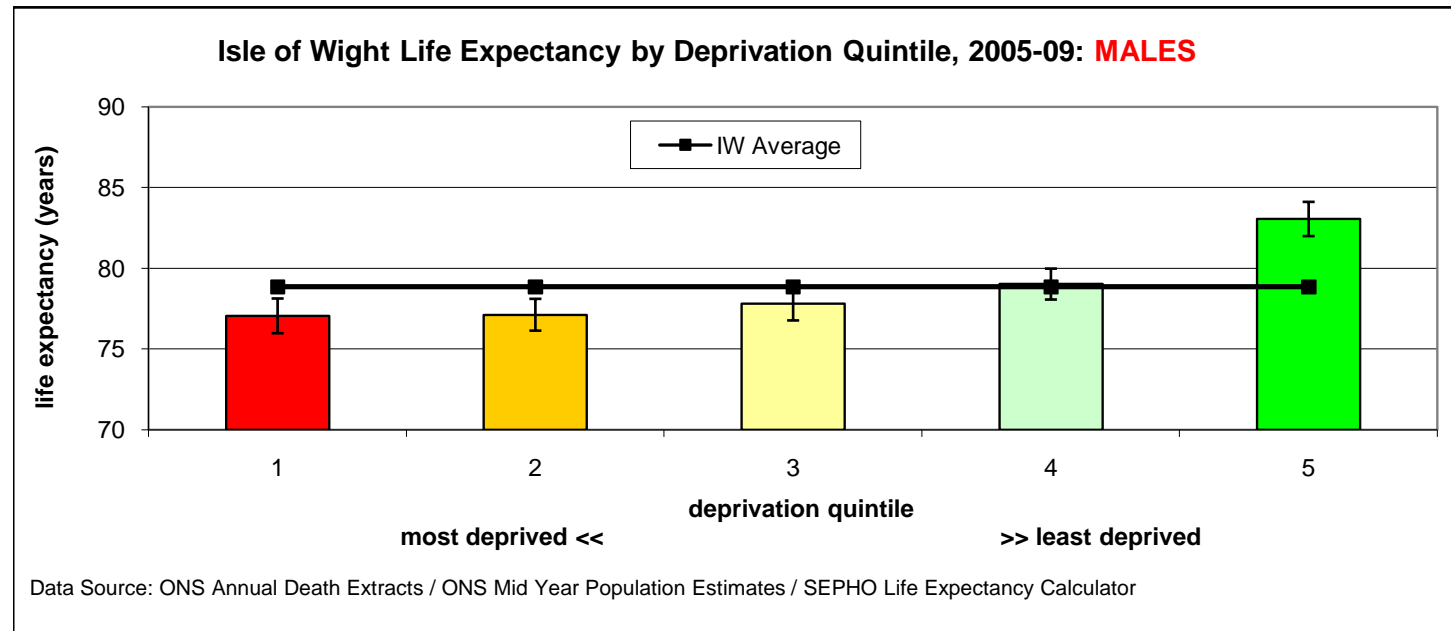
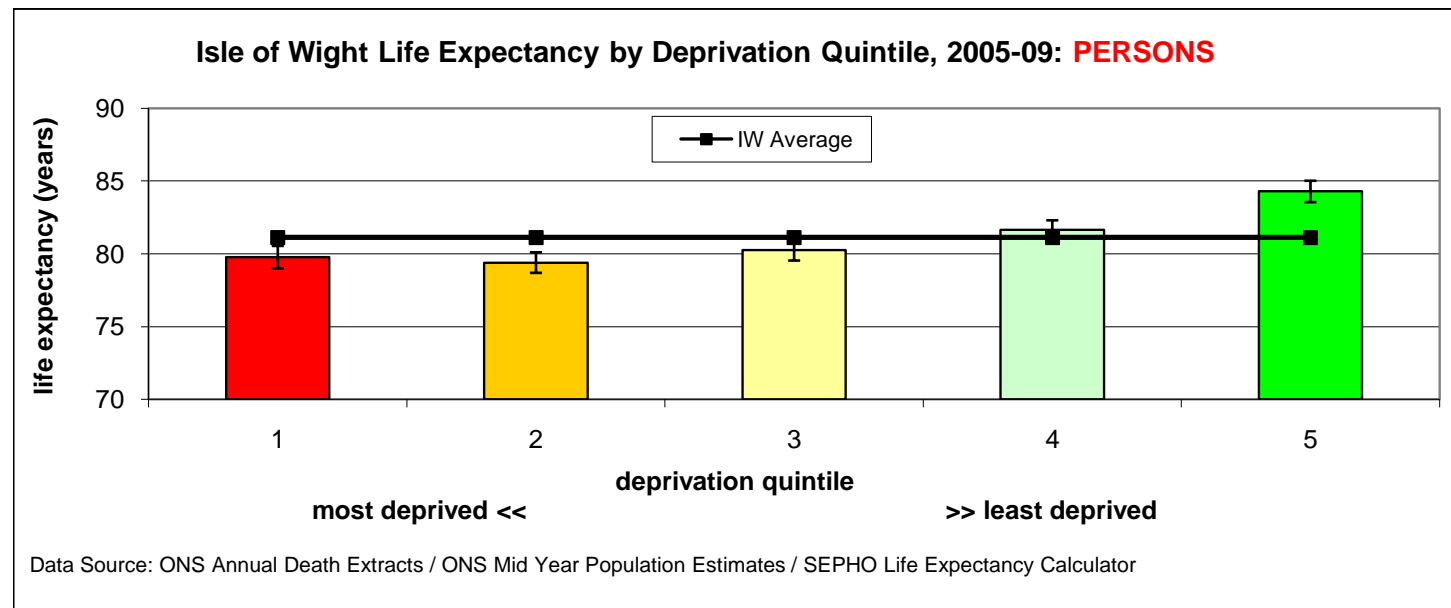


INDICATOR DEFINITION	
Indicator:	Life Expectancy at Birth
Definition:	Life expectancy at birth (a measure of mortality) for an area in a given period is an estimate of the number of years a new-born baby would survive, if he or she were to experience the particular area's age-specific mortality rates for that time period throughout his or her life.
Numerator (number of people or events)	Number of deaths of people resident in the specified area which were registered in the specified years.
Denominator (total population or events)	Resident population for the specified years. All Ages
Geographic Coverage	Local Authority
Time period	2005-09. Life Expectancy has been calculated for this aggregate 5-year period in order to strengthen the robustness of the data, since findings for small areas below Local Authority level are more likely to vary because of chance.
Data Source(s)	Office for National Statistics - Annual Death Extracts (available to NHS staff only) South East Public Health Observatory - Life Expectancy Calculator
Significance for Health	Higher rates are associated with better health. Lower rates are associated with worse health.
Factors that might affect the Accuracy of this Indicator	Even with the use of mortality data for a 5 year pooled period, numbers of deaths at ward level are still relatively small and the confidence intervals surrounding the findings are therefore relatively wide. It is not possible to say with certainty that ward-level life expectancies whose confidence intervals overlap are statistically significantly different from each other. The presence of nursing or care homes in an area can shorten (worsen) that area's life expectancy estimate, through frail people moving into the area.

Isle of Wight Joint Strategic Needs Assessment:	2011	
Domain:	Health and Wellbeing Status	Data Source: Office for National Statistics / SE Public Health Observatory Calculator
Sub-Domain:	Life Expectancy & Mortality	Indicator definition: see below
Indicator:	Life Expectancy at Birth: IW by Local Deprivation Quintile & Gender	

Isle of Wight: Life Expectancy at Birth by Deprivation Quintiles (IMD 2007): 2005 - 09 Aggregate Data

Life Expectancy: 2005-09	Persons	Males	Females
Isle of Wight average	81.1	78.9	83.2
IW Quintile 1 - 20% most deprived areas on the IW	79.8	77.1	82.3
IW Quintile 2	79.4	77.1	81.4
IW Quintile 3	80.3	77.8	82.7
IW Quintile 4	81.7	79.0	84.2
IW Quintile 5 - 20% least deprived areas on the IW	84.3	83.1	85.4
Gap between most deprived / least deprived quintiles	4.5	6.0	3.1



INDICATOR DEFINITION	
Indicator:	Life Expectancy at Birth
Definition:	Life expectancy at birth (a measure of mortality) for an area in a given period is an estimate of the number of years a new-born baby would survive, if he or she were to experience the particular area's age-specific mortality rates for that time period throughout his or her life.
Numerator (number of people or events)	Number of deaths of people resident in the specified area which were registered in the specified years.
Denominator (total population or events)	Resident population for the specified years. All Ages by Gender
Geographic Coverage	Local Authority Deprivation Quintiles based on the Index of Multiple Deprivation, 2007
Time period	2005-09. Life Expectancy has been calculated for this aggregate 5-year period in order to strengthen the robustness of the data, since findings for small areas below Local Authority level are more likely to vary because of chance.
Data Source(s)	Office for National Statistics - Annual Death Extracts (available to NHS staff only) South East Public Health Observatory - Life Expectancy Calculator
Significance for Health	Higher rates are associated with better health. Lower rates are associated with worse health.
Factors that might affect the Accuracy of this Indicator	Even with the use of mortality data for a 5 year pooled period, numbers of deaths by deprivation quintile are still relatively small, particularly when broken down further by gender. The confidence intervals surrounding the findings are therefore relatively wide. It is not possible to say with certainty that deprivation quintile life expectancies whose confidence intervals overlap are statistically significantly different from each other. The presence of nursing or care homes in an area can shorten (worsen) that area's life expectancy estimate, through frail people moving into the area.

Isle of Wight Joint Strategic Needs Assessment: 2011

Domain: Health and Wellbeing Status
Sub-Domain: Life Expectancy & Mortality
Indicator: Life Expectancy at Birth:
IW - Slope Index of Inequality

Data Source: Association of Public Health Observatories
Indicator definition: [see below](#)

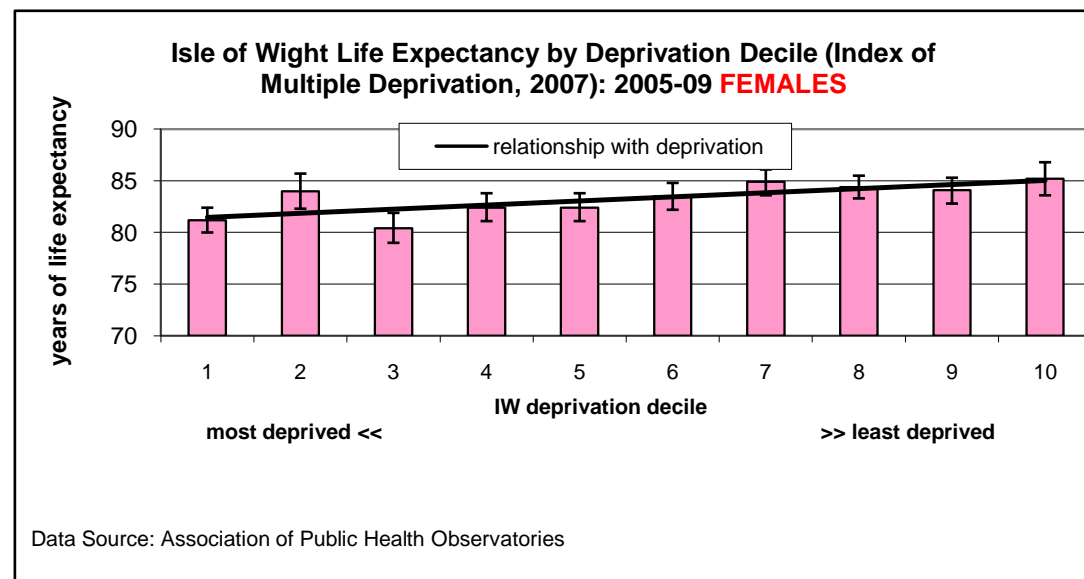
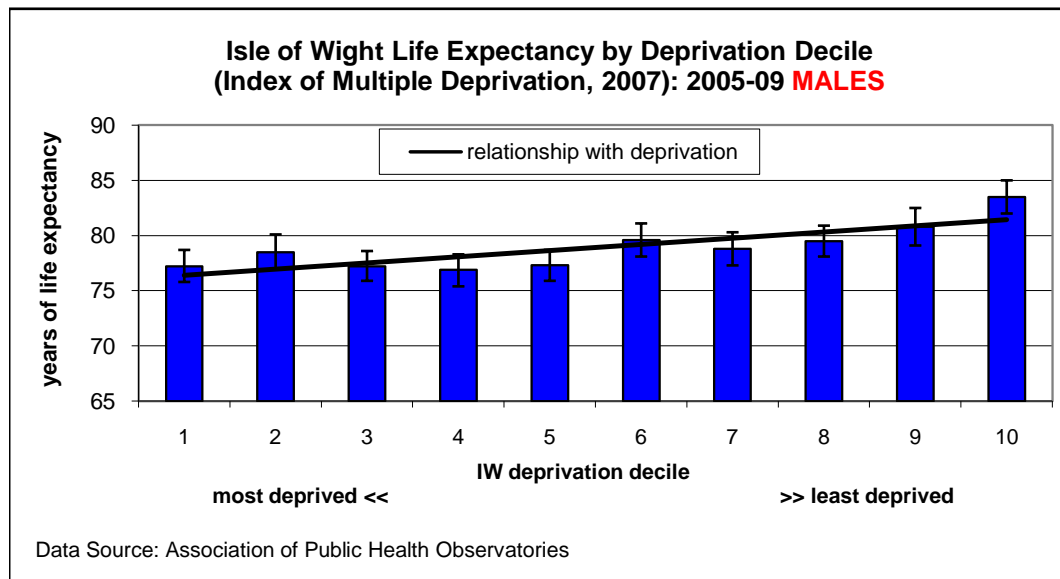
IW Slope Index of Inequality for Life Expectancy by Deprivation Deciles: 2005-09 by Gender

Life Expectancy by IW Deprivation Decile	Life Expectancy (Years)	
	Males	Females
IW Decile 1 - 10% most deprived areas on the IW	77.2	81.2
IW Decile 2	78.5	84.0
IW Decile 3	77.2	80.4
IW Decile 4	76.9	82.4
IW Decile 5	77.3	82.4
IW Decile 6	79.6	83.5
IW Decile 7	78.8	84.9
IW Decile 8	79.5	84.4
IW Decile 9	80.8	84.1
IW Decile 10 - 10% least deprived areas on the IW	83.5	85.2
Slope Index of Inequality for Life Expectancy	5.4	3.8

NB: the 'Slope Index' in effect represents the 'Gap' in Life Expectancy between the most deprived / least deprived deprivation deciles on the Island.

However the Slope Index is not a simple calculation of Life Expectancy in the Least Deprived Quintile minus that in the Most Deprived Quintile. It is a single score based on a statistical analysis of the relationship between life expectancy and deprivation scores across the whole Local Authority District - i.e. the Isle of Wight.

Isle of Wight Joint Strategic Needs Assessment - 2011
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Life Expectancy

INDICATOR DEFINITION	
Indicator:	Slope Index of Inequality for Life Expectancy by Deprivation Deciles
Definition:	Life expectancy at birth (a measure of mortality) for an area in a given period is an estimate of the number of years a new-born baby would survive, if he or she were to experience the particular area's age-specific mortality rates for that time period throughout his or her life.
Numerator (number of people or events)	Number of deaths of people resident in the specified area which were registered in the specified years.
Denominator (total population or)	Resident population for the specified years. All Ages by Gender
Geographic	Local Authority Deprivation Deciles based on the Index of Multiple Deprivation, 2007
Time period	2005-09. Life Expectancy has been published for this aggregate 5-year period in order to strengthen the robustness of the data, since findings for small areas below Local Authority level are more likely to vary because of chance.
Data Source(s)	Association of Public Health Observatories http://www.apho.org.uk/resource/view.aspx?RID=96930 published January 2011
Significance for Health	A higher Slope Index value is associated with greater (worse) health inequalities. A lower Slope Index value is associated with smaller (better) health inequalities.
Factors that might affect the Accuracy of this Indicator	Even with the use of mortality data for a 5 year pooled period, numbers of deaths by deprivation decile are still relatively small, particularly when broken down further by gender. The confidence intervals surrounding the findings are therefore relatively wide. It is not possible to say with certainty that deprivation decile life expectancies whose confidence intervals overlap are statistically significantly different from each other. The presence of nursing or care homes in an area can shorten (worsen) that area's life expectancy estimate, through frail people moving into the area.

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Life Expectancy

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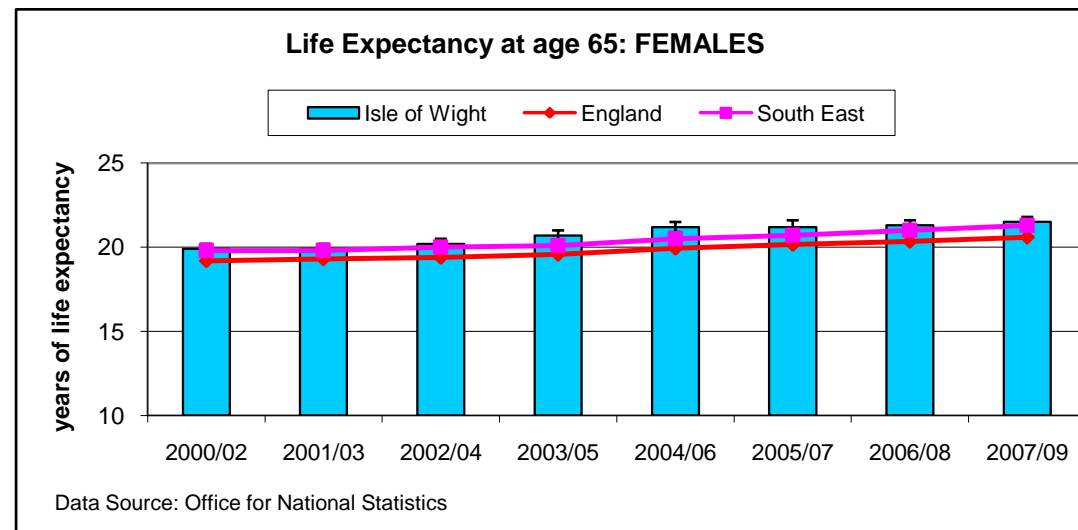
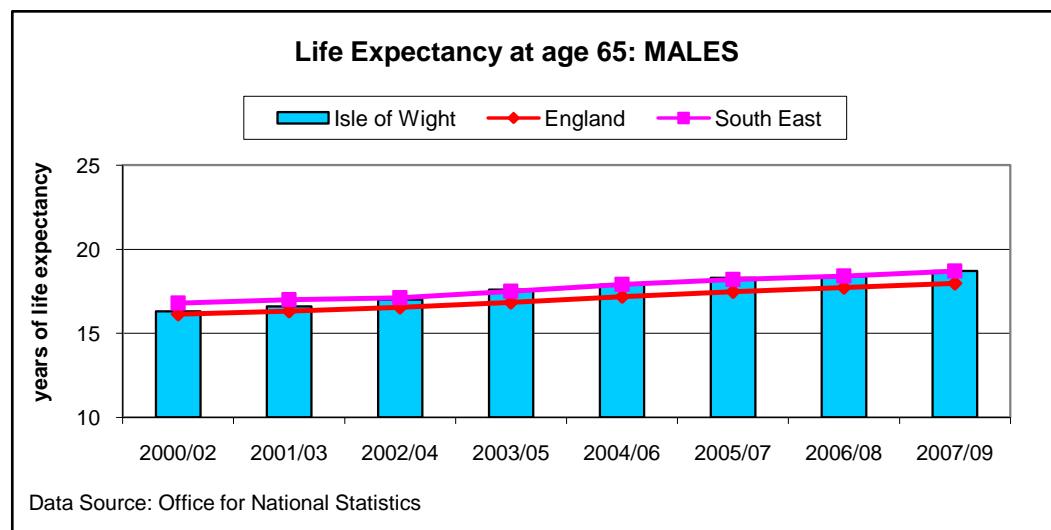
Domain: Health and Wellbeing Status
 Sub-Domain: Life Expectancy & Mortality
 Indicator: Life Expectancy at Age 65
IW Comparisons with England and the South East

Data Source: Office for National Statistics
 Indicator definition: [see below](#)

Life Expectancy at age 65

Males	2000/02	2001/03	2002/04	2003/05	2004/06	2005/07	2006/08	2007/09
England	16.1	16.3	16.5	16.8	17.2	17.5	17.7	18.0
South East	16.8	17.0	17.1	17.5	17.9	18.2	18.4	18.7
Isle of Wight	16.3	16.6	17.0	17.6	17.9	18.3	18.4	18.7

Females	2000/02	2001/03	2002/04	2003/05	2004/06	2005/07	2006/08	2007/09
England	19.2	19.3	19.4	19.6	19.9	20.2	20.4	20.6
South East	19.8	19.8	20.0	20.1	20.5	20.7	21.0	21.3
Isle of Wight	19.9	19.9	20.2	20.7	21.2	21.2	21.3	21.5



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Life Expectancy

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Indicator:	Life Expectancy at age 65
Definition:	Life expectancy at age 65 (a measure of mortality) for an area in a given period is an estimate of the number of years a person aged 65 would survive, if he or she were to experience the particular area's age-specific mortality rates for that time period throughout his or her life.
Numerator (number of people or events)	Number of deaths of people resident in the specified area which were registered in the specified years.
Denominator (total population or)	Resident population for the specified years. All Ages by Gender
Geographic	Local Authority
Time period	As shown above. Life Expectancy is published for pooled three-year periods in order to present more even trends over time.
Data Source(s)	Office for National Statistics http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-198966 published October 2010
Significance for Health	Higher rates are associated with better health. Lower rates are associated with worse health.
Factors that might affect the Accuracy of this Indicator	The presence of nursing or care homes in an area can shorten (worsen) that area's life expectancy estimate, through frail people moving into the area.

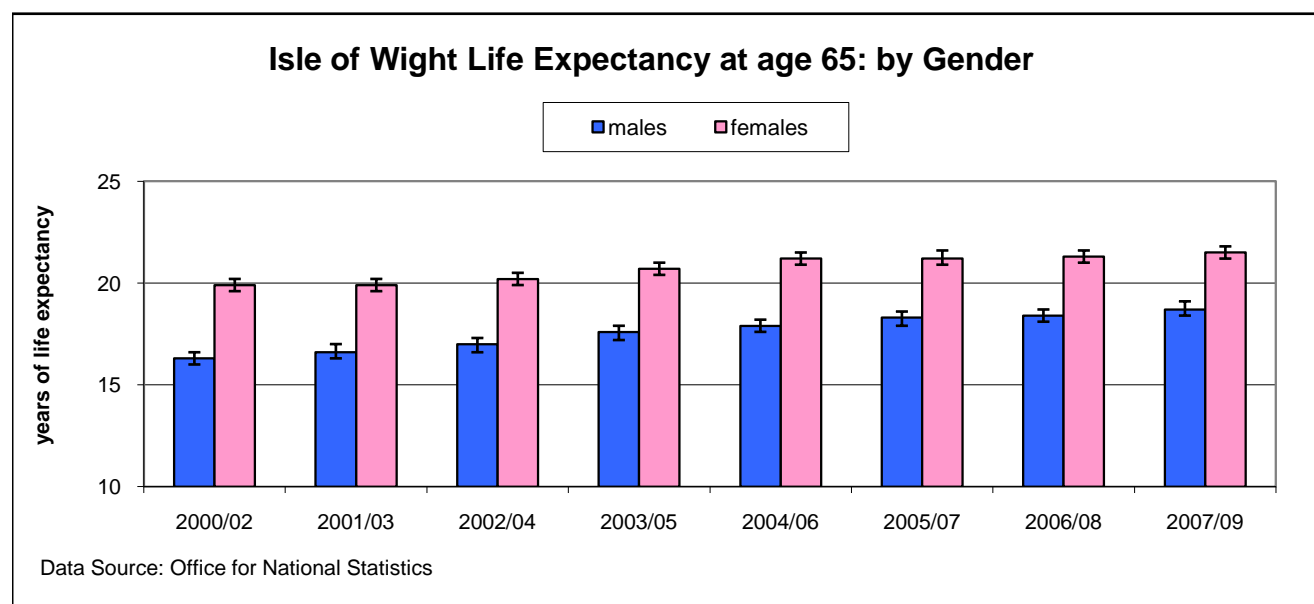
Isle of Wight Joint Strategic Needs Assessment: 2011

Domain: Health and Wellbeing Status
 Sub-Domain: Life Expectancy & Mortality
 Indicator: Life Expectancy at Age 65
IW by Gender

Data Source: Office for National Statistics
 Indicator definition: [see below](#)

Life Expectancy at age 65

Isle of Wight	2000/02	2001/03	2002/04	2003/05	2004/06	2005/07	2006/08	2007/09
males	16.3	16.6	17.0	17.6	17.9	18.3	18.4	18.7
females	19.9	19.9	20.2	20.7	21.2	21.2	21.3	21.5



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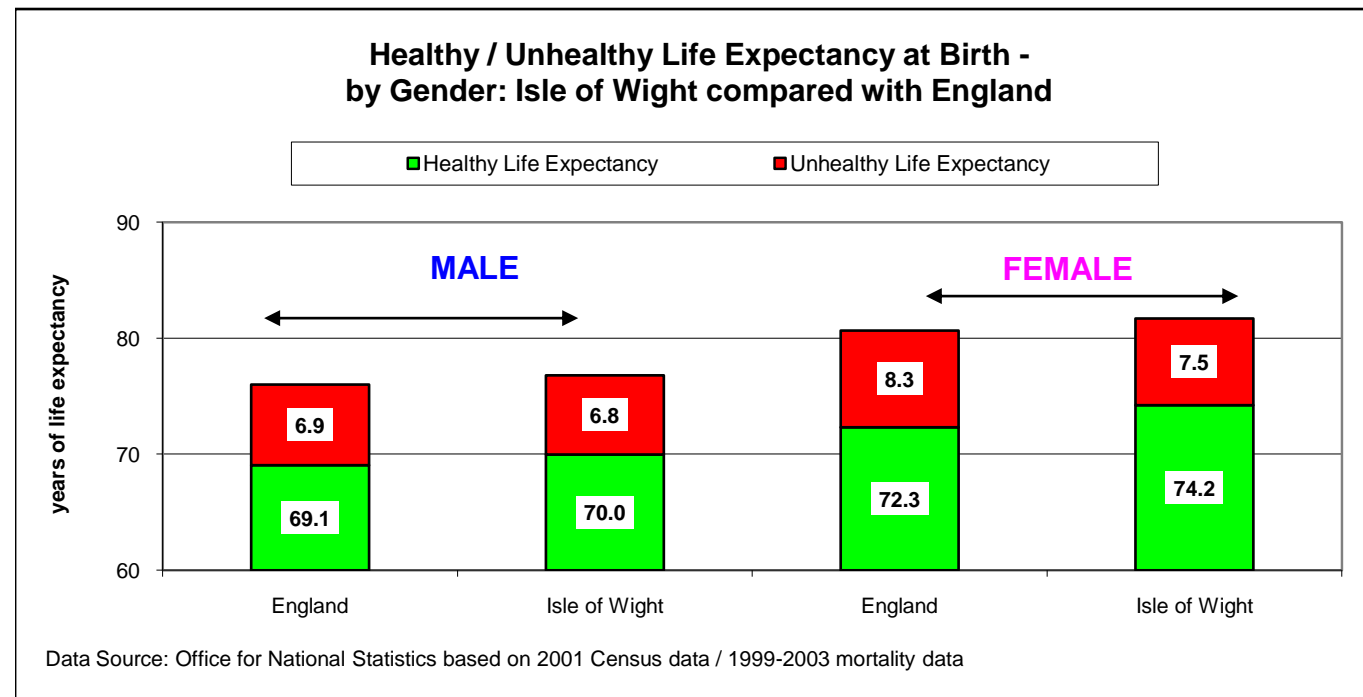
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Isle of Wight Joint Strategic Needs Assessment: 2011

Domain: Health and Wellbeing Status Data Source: Office for National Statistics
 Sub-Domain: Life Expectancy & Mortality Indicator definition: [see below](#)
 Indicator: Healthy Life Expectancy at Birth:
IW Comparisons with England by Gender

Healthy Life Expectancy at Birth (Years)

Healthy Life Expectancy at Birth based on 2001 Census Data		Life Expectancy	Healthy Life Expectancy	therefore Unhealthy Life Expectancy
male	England	76.0	69.1	6.9
	Isle of Wight	76.8	70.0	6.8
female	England	80.7	72.3	8.3
	Isle of Wight	81.7	74.2	7.5



INDICATOR DEFINITION	
Indicator:	Healthy Life Expectancy at Birth
Definition:	Healthy Life Expectancy divides total Life Expectancy into years spent in 'good' or 'not good' health and therefore measures health in older age. Local area data takes account of local rates of self-perceived health from the 2001 Census (the most recent data of this kind available for Local Authority areas).
Numerator (number of people or events)	Number of deaths of people resident in the specified area which were registered in 1999-2003. Number of people who self-reported 'Good' and 'Not Good' health at the 2001 Census.
Denominator (total population or)	Resident population for the specified years. All Ages by Gender
Geographic	Local Authority
Time period	As shown above. Healthy Life Expectancy is published for pooled three-year periods in order to present more even trends over time.
Data Source(s)	Office for National Statistics http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-229857 Originally published in November 2006, updated in August 2007. This remains the most recent Local Authority-level data available as of October 2011.
Significance for Health	Higher rates (of Healthy Life Expectancy) are associated with better health in older age. Lower rates (of Healthy Life Expectancy) are associated with worse health in older age.
Factors that might affect the Accuracy of this Indicator	The presence of nursing or care homes in an area can shorten (worsen) that area's healthy life expectancy estimate, through frail people moving into the area.