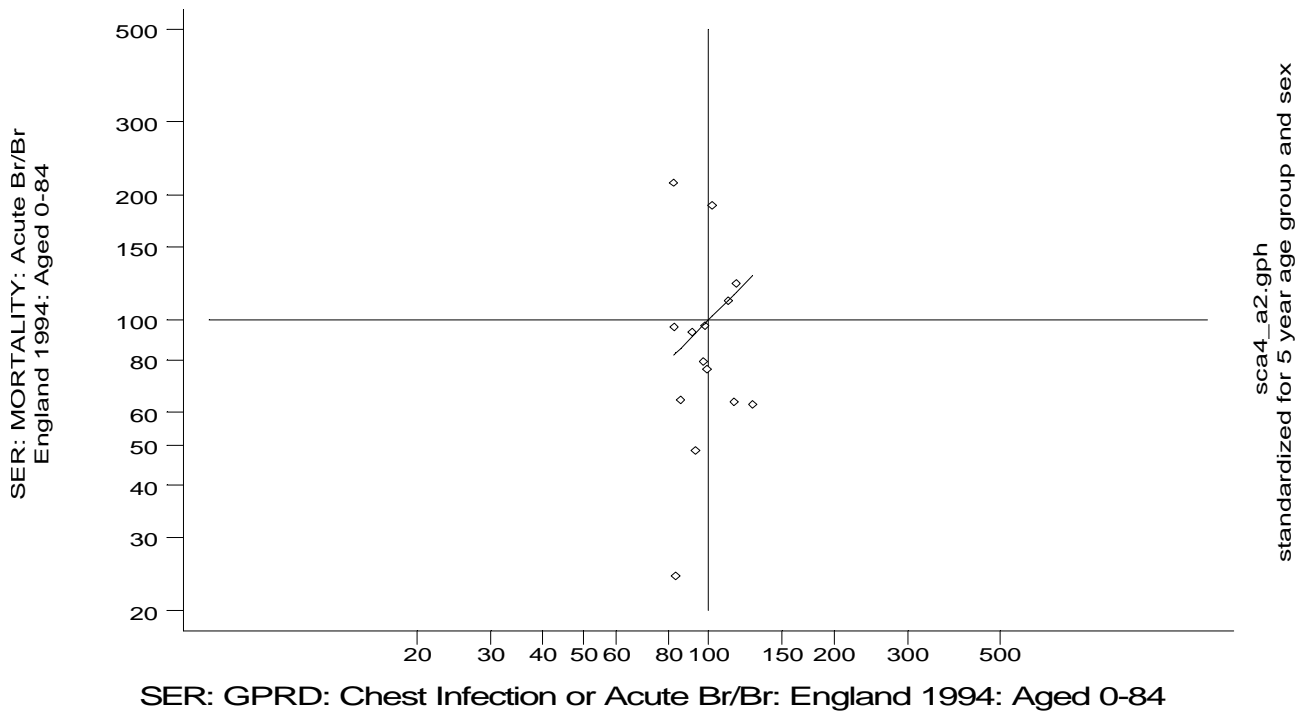
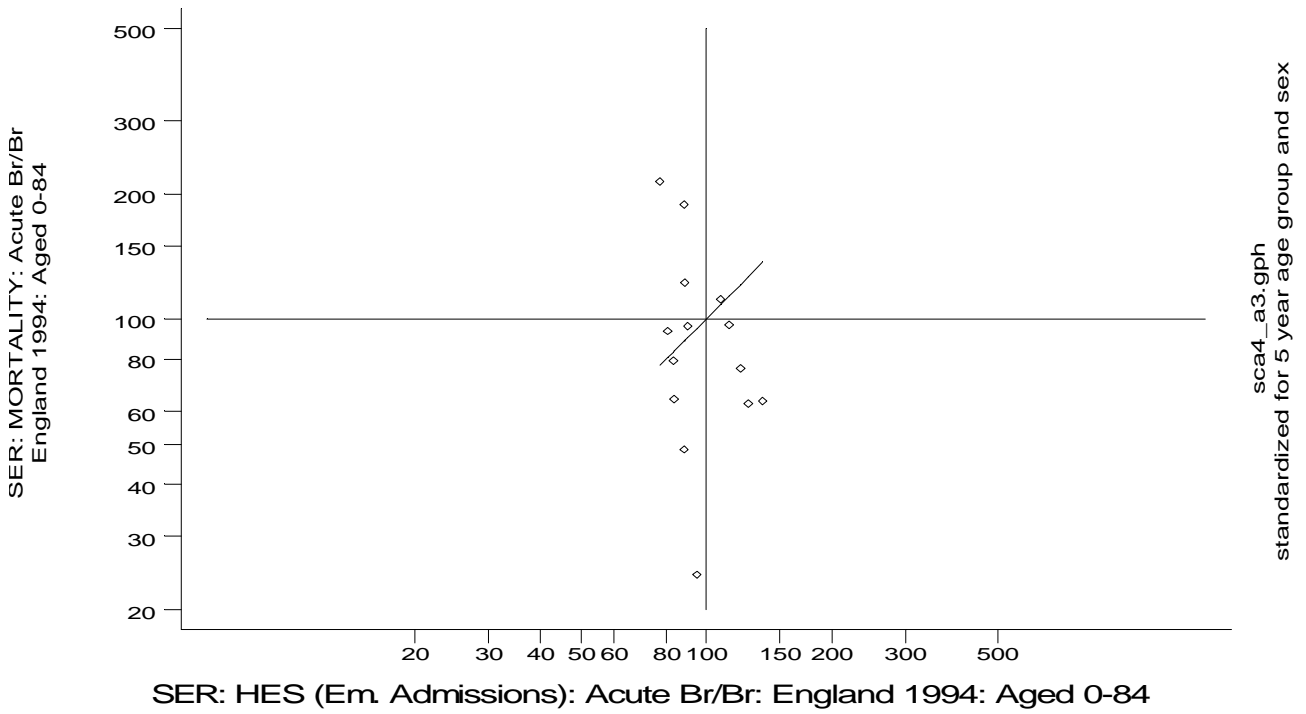


“ALL AGES vs. ALL AGES”



A10 Acute bronchitis or bronchiolitis standard output graphs A10/ SCAT94/ Page 2 of 10
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
 • regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84

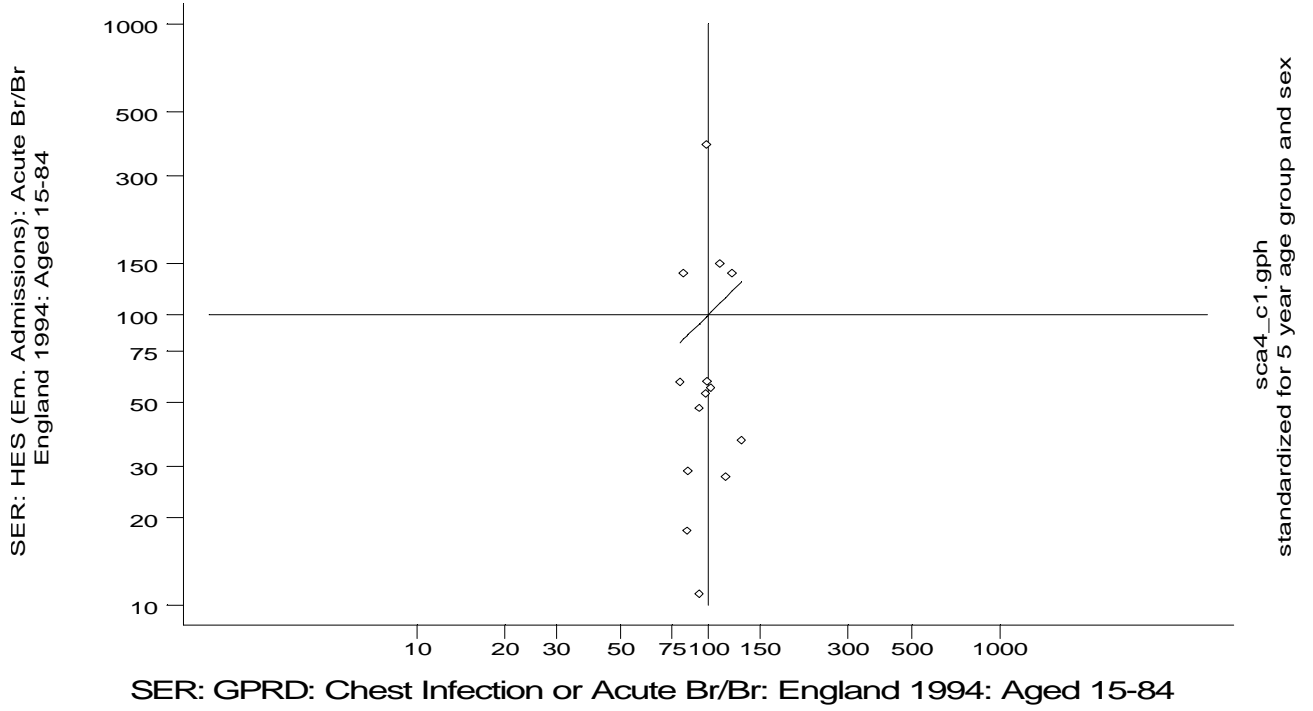


sca4_a3.gph
 standardized for 5 year age group and sex

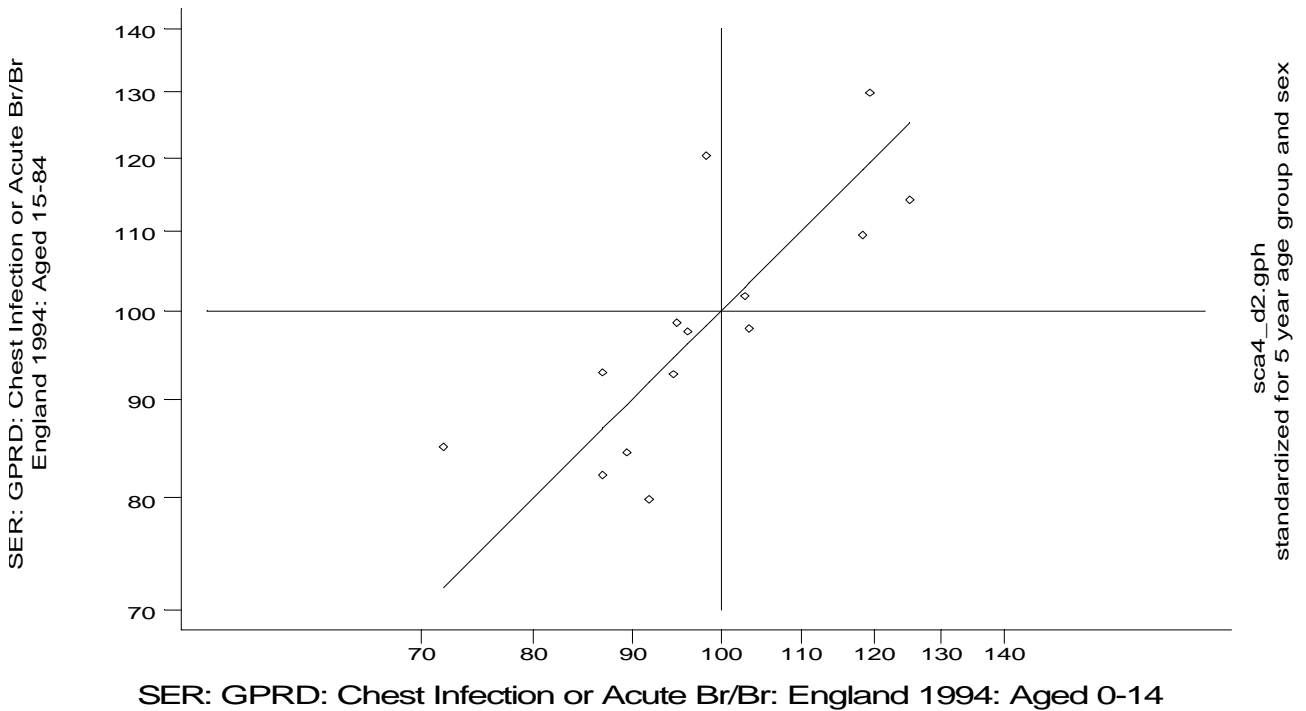
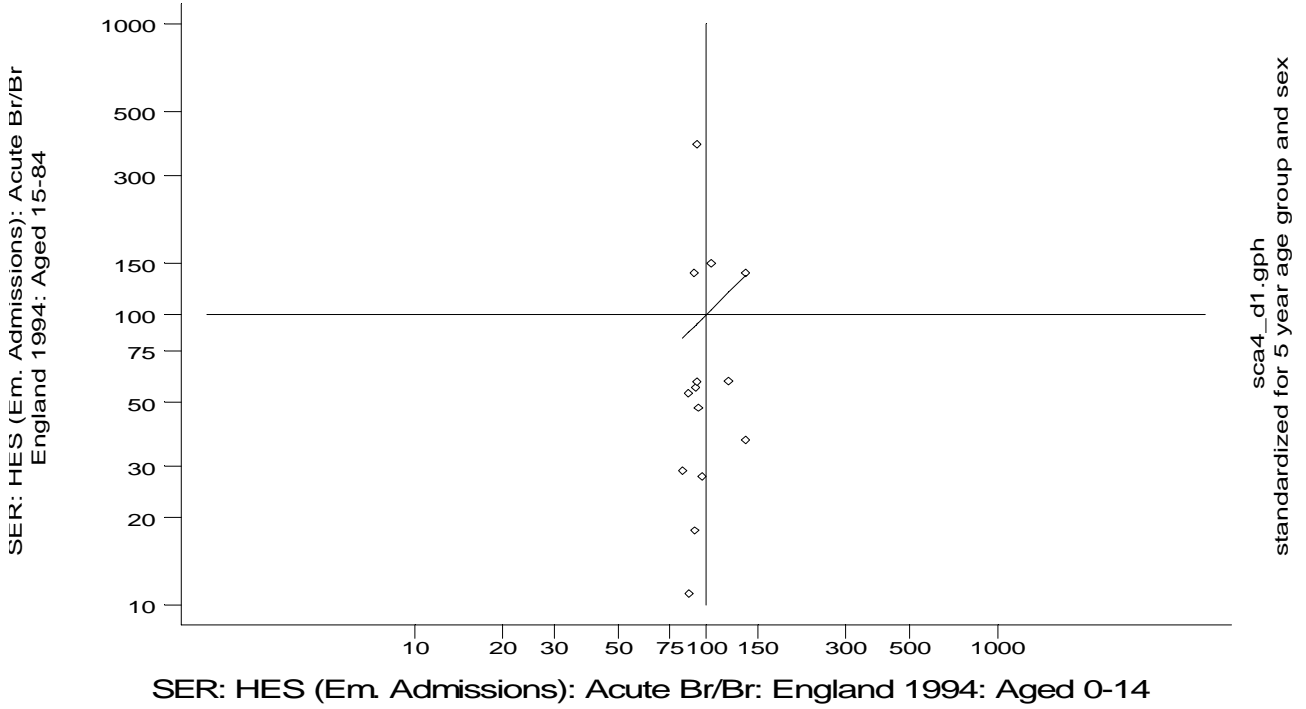
“CHILDREN vs. CHILDREN”



“ADULTS vs. ADULTS”



“ADULTS vs. CHILDREN”



A10 Acute bronchitis or bronchiolitis standard output graphs **A10/ SCAT94/ Page 6 of 10**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
 • regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84

Acute Bronchitis or Bronchiolitis: Spearman Rank Correlation Coefficients: *“All Ages vs. All Ages”*

	MORTALITY	HES	GPRD
MORTALITY		-0.38	0.00
HES	-0.38		0.60
GPRD	0.00	0.60	

Acute Bronchitis or Bronchiolitis: Spearman Rank Correlation Coefficients: *“Children vs. Children”*

	MORTALITY	HES	GPRD
MORTALITY			
HES			0.66
GPRD		0.66	

Acute Bronchitis or Bronchiolitis: Spearman Rank Correlation Coefficients: *“Adults vs. Adults”*

	MORTALITY	HES	GPRD
MORTALITY			
HES			0.16
GPRD		0.16	

Acute Bronchitis or Bronchiolitis: Spearman Rank Correlation Coefficients: *“Adults vs. Children”*

	MORTALITY	HES	GPRD
MORTALITY			
HES		0.38	
GPRD			0.82

Acute Bronchitis or Bronchiolitis: Spearman Rank Correlation Coefficients: *Adults and Children*

	HES Aged 0-14	HES Aged 15-84		GPRD Aged 0-14	GPRD Aged 15-84
HES Aged 0-14		0.38		0.66	
HES Aged 15-84	0.38				0.16
GPRD Aged 0-14	0.66				0.82
GPRD Aged 15-84		0.16		0.82	

A10 Acute bronchitis or bronchiolitis standard output graphs **A10/ SCAT94/ Page 7 of 10**
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
• **regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84**

ALL AGES vs. ALL AGES

a1: HES (0-84) vs. GPRD (0-84)
Number of obs = 14
Spearman's rho = 0.6000
Test of Ho: $hs1_4$ and $gsal_14$ independent
Pr > |t| = 0.0233

a2: MORTALITY (0-84) vs. GPRD (0-84)
Number of obs = 14
Spearman's rho = -0.0022
Test of Ho: $ms1_4$ and $gsal_14$ independent
Pr > |t| = 0.9941

a3: MORTALITY (0-84) vs. HES (0-84)
Number of obs = 14
Spearman's rho = -0.3846
Test of Ho: $ms1_4$ and $hs1_4$ independent
Pr > |t| = 0.1745

CHILDREN vs. CHILDREN

b1: HES (0-14) vs. GPRD (0-14)
Number of obs = 14
Spearman's rho = 0.6571
Test of Ho: $hs3_4$ and $gsa3_14$ independent
Pr > |t| = 0.0107

ADULTS vs. ADULTS

c1: HES (15-84) vs. GPRD (15-84)
Number of obs = 14
Spearman's rho = 0.1648
Test of Ho: $hs5_4$ and $gsa5_14$ independent
Pr > |t| = 0.5733

ADULTS vs. CHILDREN

d1: HES (15-84) vs. HES (0-14)
Number of obs = 14
Spearman's rho = 0.3758
Test of Ho: $hs5_4$ and $hs3_4$ independent
Pr > |t| = 0.1854

d2: GPRD (15-84) vs. GPRD (0-14)
Number of obs = 14
Spearman's rho = 0.8242
Test of Ho: $gsa5_14$ and $gsa3_14$ independent
Pr > |t| = 0.0003

A10 Acute bronchitis or bronchiolitis standard output graphs A10/ SCAT94/ Page 8 of 10
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
 • **regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84**

ALL AGES

Observed Number of Acute Br/Br Events,
 England 1994: Aged 0-84

rha	goal_14	hol_4	mol_4
Northern	8539	1913	11
Yorkshir	3729	2152	25
Trent	7903	2217	55
E Anglia	6914	1158	13
NW Thame	6094	1527	4
NE Thame	1631	1955	21
SE Thame	1825	1560	50
SW Thame	6452	1296	12
Wessex	5662	1435	25
Oxford	2578	1150	13
S Wester	5861	1475	11
W Midlan	14186	3458	24
Mersey	5416	1448	14
N Wester	7357	3169	16

Denominator for Acute Br/Br Events,
 England 1994: Aged 0-84

rha	gdal_14	hdl_4	mdl_4
Northern	104729.2	2881981	2881981
Yorkshir	52152.7	3654624	3654624
Trent	120996.0	4701828	4701828
E Anglia	113740.5	2600991	2600991
NW Thame	116975.6	2953265	2953265
NE Thame	31761.7	3766006	3766006
SE Thame	33977.9	3654042	3654042
SW Thame	117694.8	2950819	2950819
Wessex	73779.6	3110430	3110430
Oxford	45680.5	2574069	2574069
S Wester	96438.4	3277999	3277999
W Midlan	229739.0	5213324	5213324
Mersey	87252.9	2369834	2369834
N Wester	102013.9	4133922	4133922

Crude Rate of Acute Br/Br Events,
 England 1994: Aged 0-84

rha	gral_14	hrl_4	mrl_4
Northern	81.5	663.8	3.8
Yorkshir	71.5	588.8	6.8
Trent	65.3	471.5	11.7
E Anglia	60.8	445.2	5.0
NW Thame	52.1	517.1	1.4
NE Thame	51.4	519.1	5.6
SE Thame	53.7	426.9	13.7
SW Thame	54.8	439.2	4.1
Wessex	76.7	461.4	8.0
Oxford	56.4	446.8	5.1
S Wester	60.8	450.0	3.4
W Midlan	61.7	663.3	4.6
Mersey	62.1	611.0	5.9
N Wester	72.1	766.6	3.9

Expected Number of Acute Br/Br Events,
 England 1994: Aged 0-84

rha	geal_14	hel_4	mel_4
Northern	6694.8	1514.2	17.6
Yorkshir	3342.9	1989.0	22.4
Trent	7743.6	2507.3	29.1
E Anglia	7109.2	1391.1	16.3
NW Thame	7320.7	1609.0	16.5
NE Thame	1974.2	2169.8	21.8
SE Thame	2215.2	2016.0	23.4
SW Thame	7545.1	1550.1	18.7
Wessex	4853.3	1614.7	20.4
Oxford	2819.6	1423.7	13.9
S Wester	6296.8	1666.3	22.6
W Midlan	14300.2	2865.5	31.6
Mersey	5537.5	1278.6	14.4
N Wester	6394.0	2317.6	25.2

SER's for Acute Br/Br Events, standardized for age5 and sex
 England 1994: Aged 0-84

rha	gsal_14	hs1_4	ms1_4
Northern	127.5	126.3	62.5
Yorkshir	111.5	108.2	111.6
Trent	102.1	88.4	188.9
E Anglia	97.3	83.2	79.5
NW Thame	83.2	94.9	24.3
NE Thame	82.6	90.1	96.1
SE Thame	82.4	77.4	213.8
SW Thame	85.5	83.6	64.3
Wessex	116.7	88.9	122.3
Oxford	91.4	80.8	93.7
S Wester	93.1	88.5	48.6
W Midlan	99.2	120.7	76.1
Mersey	97.8	113.2	97.0
N Wester	115.1	136.7	63.4

A10 Acute bronchitis or bronchiolitis standard output graphs A10/ SCAT94/ Page 9 of 10
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
• regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84

CHILDREN

Observed Number of Acute Br/Br Events,

England 1994: Aged 0-14		
rha	goa3_14	ho3_4
Northern	1745	1857
Yorkshir	906	1865
Trent	1789	2076
E Anglia	1596	1082
NW Thame	1383	1330
NE Thame	418	1846
SE Thame	323	1502
SW Thame	1450	1267
Wessex	1374	1386
Oxford	614	1137
S Wester	1242	1381
W Midlan	3391	2412
Mersey	1154	1375
N Wester	1504	2870

Denominator for Acute Br/Br Events,

England 1994: Aged 0-14		
rha	gda3_14	hd3_4
Northern	19829.7	570908
Yorkshir	10143.6	733525
Trent	23151.9	913684
E Anglia	22351.5	508943
NW Thame	20890.7	560528
NE Thame	5847.6	761450
SE Thame	6180.3	711325
SW Thame	21599.9	544194
Wessex	14383.1	591126
Oxford	9285.1	525797
S Wester	17609.1	612545
W Midlan	43876.9	1054987
Mersey	16517.7	480444
N Wester	20678.2	851296

Crude Rate of Acute Br/Br Events,

England 1994: Aged 0-14		
rha	gra3_14	hr3_4
Northern	88.0	3252.7
Yorkshir	89.3	2542.5
Trent	77.3	2272.1
E Anglia	71.4	2126.0
NW Thame	66.2	2372.8
NE Thame	71.5	2424.3
SE Thame	52.3	2111.6
SW Thame	67.1	2328.2
Wessex	95.5	2344.7
Oxford	66.1	2162.4
S Wester	70.5	2254.5
W Midlan	77.3	2286.3
Mersey	69.9	2861.9
N Wester	72.7	3371.3

Expected Number of Acute Br/Br Events,

England 1994: Aged 0-14		
rha	gea3_14	he3_4
Northern	1461.5	1362.6
Yorkshir	765.5	1797.2
Trent	1739.0	2255.6
E Anglia	1660.4	1249.5
NW Thame	1591.5	1467.5
NE Thame	455.1	1983.7
SE Thame	449.4	1815.8
SW Thame	1622.0	1389.3
Wessex	1097.7	1437.9
Oxford	706.9	1304.8
S Wester	1313.9	1469.8
W Midlan	3279.9	2594.5
Mersey	1216.1	1155.0
N Wester	1530.3	2102.9

SER's for Acute Br/Br Events, standardized for age5 and sex

England 1994: Aged 0-14		
rha	gsa3_14	hs3_4
Northern	119.4	136.3
Yorkshir	118.4	103.8
Trent	102.9	92.0
E Anglia	96.1	86.6
NW Thame	86.9	90.6
NE Thame	91.8	93.1
SE Thame	71.9	82.7
SW Thame	89.4	91.2
Wessex	125.2	96.4
Oxford	86.9	87.1
S Wester	94.5	94.0
W Midlan	103.4	93.0
Mersey	94.9	119.1
N Wester	98.3	136.5

A10 Acute bronchitis or bronchiolitis standard output graphs A10/ SCAT94/ Page 10 of 10
Scatterplots and correlation coefficients (standardised event ratios standardised for age and sex)
 • regional comparisons between HSE95, GPRD, HES and Mortality, England 1994, ages 0-84

ADULTS

Observed Number of Acute Br/Br Events,
 England 1994: Aged 15-84

rha	goa5_14	ho5_4
Northern	6794	56
Yorkshir	2823	287
Trent	6114	141
E Anglia	5318	76
NW Thame	4711	197
NE Thame	1213	109
SE Thame	1502	58
SW Thame	5002	29
Wessex	4288	49
Oxford	1964	13
S Wester	4619	94
W Midlan	10795	1046
Mersey	4262	73
N Wester	5853	299

Denominator for Acute Br/Br Events,
 England 1994: Aged 15-84

rha	gda5_14	hd5_4
Northern	84899.5	2311073
Yorkshir	42009.1	2921099
Trent	97844.1	3788144
E Anglia	91388.9	2092048
NW Thame	96084.8	2392737
NE Thame	25914.1	3004556
SE Thame	27797.6	2942717
SW Thame	96094.8	2406625
Wessex	59396.5	2519304
Oxford	36395.4	2048272
S Wester	78829.3	2665454
W Midlan	185862.1	4158337
Mersey	70735.2	1889390
N Wester	81335.8	3282626

Crude Rate of Acute Br/Br Events,
 England 1994: Aged 15-84

rha	gra5_14	hr5_4
Northern	80.0	24.2
Yorkshir	67.2	98.3
Trent	62.5	37.2
E Anglia	58.2	36.3
NW Thame	49.0	82.3
NE Thame	46.8	36.3
SE Thame	54.0	19.7
SW Thame	52.1	12.1
Wessex	72.2	19.4
Oxford	54.0	6.3
S Wester	58.6	35.3
W Midlan	58.1	251.5
Mersey	60.3	38.6
N Wester	72.0	91.1

Expected Number of Acute Br/Br Events,
 England 1994: Aged 15-84

rha	gea5_14	he5_4
Northern	5233.3	151.7
Yorkshir	2577.5	191.8
Trent	6004.7	251.7
E Anglia	5448.9	141.6
NW Thame	5729.2	141.5
NE Thame	1519.1	186.1
SE Thame	1765.8	200.1
SW Thame	5923.1	160.8
Wessex	3755.7	176.8
Oxford	2112.7	118.9
S Wester	4982.9	196.5
W Midlan	11020.3	271.0
Mersey	4321.4	123.7
N Wester	4863.7	214.7

SER's for Acute Br/Br, standardized for age5 and sex
 England 1994: Aged 15-84

rha	gsa5_14	hs5_4
Northern	129.8	36.9
Yorkshir	109.5	149.6
Trent	101.8	56.0
E Anglia	97.6	53.7
NW Thame	82.2	139.2
NE Thame	79.9	58.6
SE Thame	85.1	29.0
SW Thame	84.4	18.0
Wessex	114.2	27.7
Oxford	93.0	10.9
S Wester	92.7	47.8
W Midlan	98.0	385.9
Mersey	98.6	59.0
N Wester	120.3	139.3