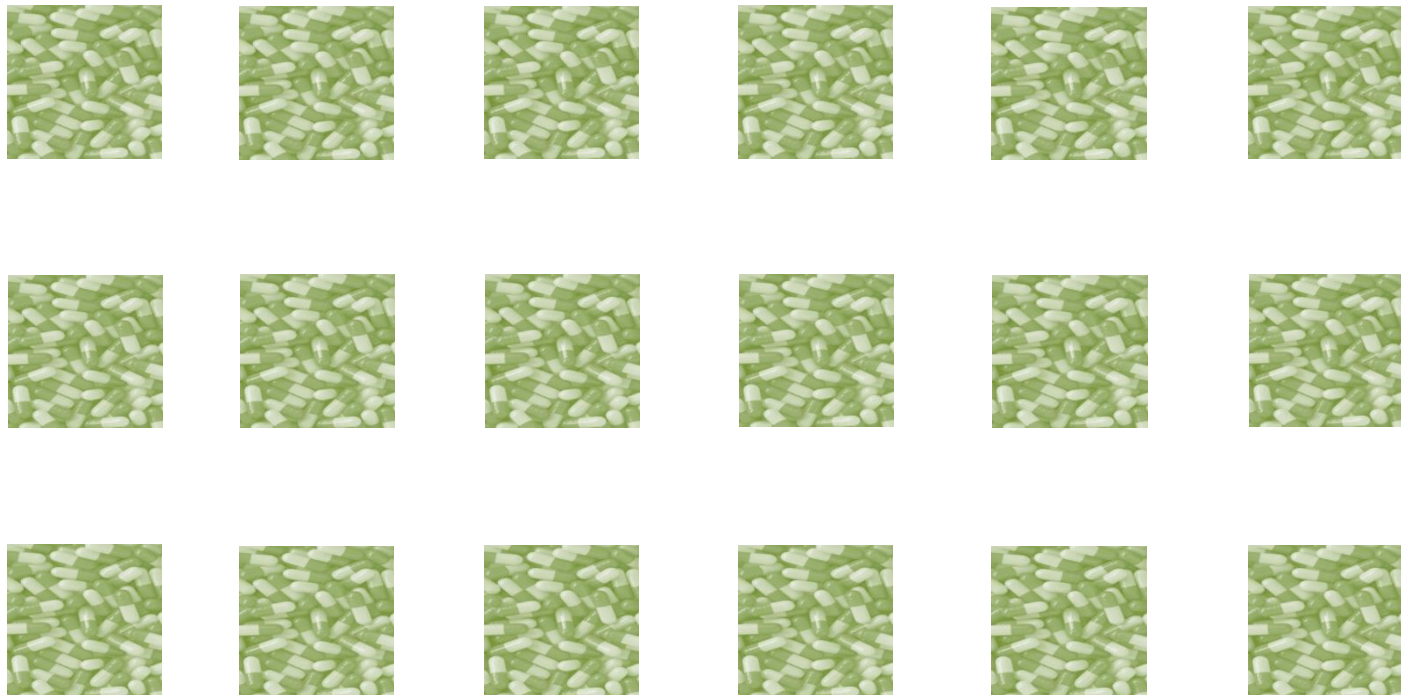
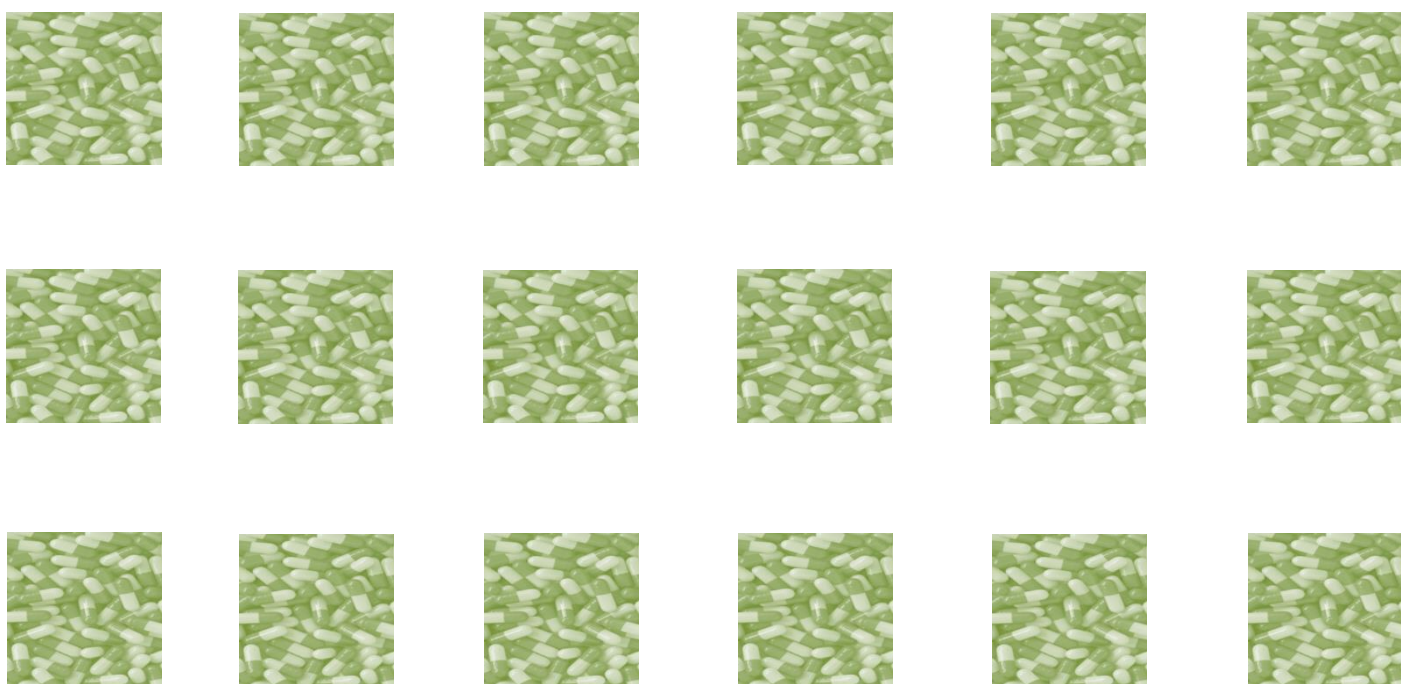




National Therapeutic Indicators and Additional Prescribing Measures 2017/18 - Early Release Document



National Therapeutic Indicators 2017-18

National Therapeutic Indicators (NTIs) and Additional Prescribing Measures (APMs) use prescription data to provide a measure of prescribing activity in specified therapeutic areas and a comparison across the GP practices in Scotland, Health Boards within Scotland and GP practices within these Health Boards. These are then made available to Health Boards, Health and Social Care Partnerships, GP practice clusters and GP practices for use in quality improvement initiatives and medicines management work. The relevant NTIs and APMs are included in the national prescribing strategy documents for Polypharmacy, Diabetes, Respiratory Medicine and Chronic Pain. They complement the national Realistic Medicine agenda and the Scottish Patient Safety Programme for Primary Care.

National prescribing indicators have been developed for 5 years, initially as part of the Scottish Government Quality and Efficiency Programme and more recently as part of the Effective Prescribing and Therapeutics Branch. These indicators cover core therapeutic areas including proton pump inhibitors, inhalers, hypnotics/anxiolytics, analgesics, antibiotics, antidiabetic drugs, non-steroidal anti-inflammatory drugs and antimicrobial wound management products.

The availability of patient-level data from the national Prescription Information System provides an opportunity to develop measures that directly address patient safety issues, particularly the prescribing of drug combinations that are known to increase the risk of adverse drug reactions. As the capture of data required for this patient-level analysis (the CHI number) is not consistently high across all GP Practices in Scotland, these are designated Additional Prescribing Measures; they complement the process and quality indicators. Other areas of analysis are designated prescribing measures where the patient-level analysis encourages review (e.g. long-term opioid analgesics) or where the measure complements an indicator (e.g. encouraging the prescribing of 2 mg diazepam tablets to support patient-centred management plans to reduce anxiolytic prescribing).

These NTIs and APMs for 2017-18 were developed at the end of 2016 by a reference group of representatives from Health Boards across Scotland. They reviewed prescribing trends including the changes in prescribing patterns that could be attributed to specific NTIs and APMs. They also considered national prescribing strategy documents and prescribing indicators used in other UK countries.

The NTI for total antibiotic prescribing is used by Scottish Governments Directorates as a HEAT target in collaboration with the Scottish Antimicrobial Prescribing Group (SAPG).



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August 2017

Background

This report details the NTIs and APMs developed for the 2017-2018 financial year. In the first section a summary of the NTIs and APMs is presented. The second section provides a summary of the variation in prescribing of GP practices within each Health Board and across Scotland for the period October to December 2016.

NHS staff with access to the national Prescription Information Systems (PIS or PRISMs) can run reports from the NHS NSS Business Intelligence Reporting platform (<https://www.bo.scot.nhs.uk>) to get GP practice data. Currently these include analysis of GP practices within selected Health Boards and Community Health Partnerships. When details of the Health and Social Care Partnerships and GP Practice Clusters are available in PIS/PRISMS then the reports will be updated.

Compared to the previous year, there are few changes to these indicators and measures, background to these can be found in the published report for 2016-17.

Notable changes are the updating of the indicators for inhaled corticosteroids. In 2016 updated SIGN guidelines for asthma were published. The classification of steroid inhaler by the dose they provide was updated by SIGN/BTS and this change is reflected in the respiratory NTI and APM that measure the prescribing of inhaled corticosteroids. SIGN state that administration of medium or high dose inhaled steroids to children may be associated with systemic side effects (including growth failure and adrenal suppression) and because of this these children should be under the care of a specialist paediatrician for the duration of the treatment.¹

¹ BTS/SIGN Asthma Guideline 2016 available from <https://www.brit-thoracic.org.uk/document-library/clinical-information/asthma/btssign-asthma-guideline-2016>

Acknowledgments

The National Therapeutic Indicators (NTIs) are developed and maintained by the Effective Prescribing and Therapeutics Branch, Scottish Government. Mr Sean MacBride-Stewart provides pharmaceutical leadership, Dr Simon B Hurding provides clinical leadership and Mr Paul Paxton provide data analysis expertise.

Consensus is provided by working with the NTI Reference Group. In addition we wish to acknowledge the support of the Scottish Prescribing Advisors Association, The Scottish Antimicrobial Prescribing Group, the National Chronic Pain Prescribing Strategy Group and the Controlled Drugs Accountable Officer Network Scotland.

Thanks to all involved for their time, patience and expertise.

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NTIs 2017-18		Desired change in indicator / measure	APMs 2017-18	Desired change in indicator / measure
Gastrointestinal	Proton Pump Inhibitors: DDDs per 1,000 LS per day*	↓		
Cardiovascular			Oral anticoagulant: number of patients prescribed an antiplatelet also prescribed an oral anticoagulant but without gastroprotection as percentage of all patients prescribed an oral anticoagulant	↓
Respiratory	High Dose Corticosteroid Inhalers: high dose corticosteroid inhalers as a percentage of all corticosteroid inhalers (items) (2016 SIGN/BTS classification) UPDATED	↓	Medium and high dose corticosteroid inhalers: medium and high dose corticosteroid inhalers prescribed to children (aged < 12 years) as a percentage of all children prescribed inhaled corticosteroids (2016 SIGN/BTS classification) UPDATED	↓
			Short Acting Beta-Agonist (SABA) Inhalers: number of patients prescribed more than 12 SABA inhalers in a year as a percentage of all patients prescribed SABAs	↓
CNS - psychotropic	Hypnotics and Anxiolytics: DDDs per 1,000 LS per day*	↓	Hypnotics and Anxiolytics: diazepam 2mg tablets as a percentage of all diazepam tablets (items)	↑
			Antipsychotics: antipsychotic prescribing to patients aged ≥75 years as a percentage of all people aged ≥75 years	↓
CNS - analgesic	Opioid analgesics: strong opioids (including tramadol preparations) DDDs per 1,000 LS per day†*	↓↑	Opioid analgesics: morphine as a percentage of all morphine, oxycodone, fentanyl, tapentadol, and hydromorphone (DDDs)	↑
	Opioid analgesics: step 2 opioids (other than strong opioids) DDDs per 1,000 LS per day*	↓↑	Opioid analgesics: number of patients prescribed average daily dose of opioid equivalent to ≥ 120mg per day of morphine as a % of all patients prescribed step 2 and strong opioids††	↓↑
			Opioid analgesics: number of patients prescribed strong opioids (including tramadol preparations) long term (>2 years) as a percentage of all patients prescribed strong opioids	↓
	Gabapentanoids: pregabalin and gabapentin DDDs per 1,000 LS per day*	↓	Gabapentanoids: number of people prescribed more than the maximal recommended dose (>2 DDDs) per day of gabapentanoid as a percentage of all people prescribed a gabapentanoids (6 months) UPDATED	↓↑
CNS - adverse effects	Antimuscarinics: drugs for urinary frequency, enuresis, and incontinence (BNF 4.7.2 excluding duloxetine and mirabegron) DDDs per 1,000 LS per day*		Anticholinergics: number of patients aged ≥75 dispensed >10 items of strong or very strong anticholinergics (mARS 3&2) in 12 months as a percentage of all people aged ≥75 years	↓
Antibiotics	Antibiotics: total antibiotic script items per 1,000 LS per day	↓	Antibiotics: number of people > 4 antibiotics per annum per 1,000 LS	↓

NTIs 2017-18		Desired change in indicator / measure	APMs 2017-18		Desired change in indicator / measure
	Antibiotics: 4C antibiotics script items per 1,000 LS per 100 days	↓	Antibiotics: number of adult women prescribed a 3-day course of acute UTI antibiotics as a percentage of all adult women prescribed acute UTI antibiotics	↑	
	Antibiotics: UTI antibiotics (trimethoprim/nitrofurantoin) script items per 1,000 LS per day NEW	↓			
Antidiabetics	Antidiabetic Drugs: metformin as percentage of all anti-diabetic drugs (DDDs)	↑	SMBG: average cost per day of blood glucose test strips per patient prescribed antidiabetic drugs and/or insulins	↓	
			SMBG: number of patients prescribed blood glucose test strips who are not prescribed treatments for diabetes (insulins and/or antidiabetic drugs) or are only prescribed metformin as a percentage of all patients prescribed blood glucose test strips	↓	
			SMBG: number of patients prescribed insulin not prescribed blood glucose test strips as a percentage of patients prescribed insulin	↓	
Musculoskeletal	NSAIDs: DDDs per 1,000 LS per day*	↓	NSAIDs: NSAID prescribing to patients aged ≥65 years prescribed an ACE inhibitor/angiotensin receptor blocker and a diuretic as a percentage of all people aged ≥65 years	↓	
			NSAIDs: NSAID prescribing to patients aged ≥65 years prescribed an antiplatelet without gastroprotection as a percentage of all people aged ≥65 years	↓	
			NSAIDs: NSAID prescribing to patients aged ≥75 years without gastroprotection as a percentage of all people aged ≥75 years	↓	
			NSAIDs: NSAID prescription to patients prescribed an oral anticoagulant without gastroprotection as a percentage of all patients prescribed an oral anticoagulant	↓	
Wound Management	Antimicrobial Wound Products: Antimicrobial wound products as percentage of total wound products (items)	↓			

*these measures will also be made available using the population figures that have been weighted to account for prescribing need and are available within the PRISMS dataset.

LS – List Size

† the following two measures will be reported in the analysis for this NTI		Desired change in indicator / measure
CNS - analgesic	Opioid analgesics: strong opioids (excluding tramadol preparations) DDDs per 1,000 LS per day*	↓↑
CNS - analgesic	Opioid analgesics: tramadol DDDs per 1,000 LS per day*	↓↑

†† the following measure will be reported in the analysis for this APM		Desired change in indicator / measure
CNS - analgesic	Opioid analgesics: number of patients prescribed average daily dose of opioid equivalent to ≥ 50mg per day of morphine as a % of all patients prescribed step 2 and strong opioids	↓↑

These NTIs/APMs from 2016-17 were removed

- **NSAIDs including Cox-2 inhibitors:** Ibuprofen and naproxen as a percentage of all NSAIDs (DDD)
- **Black triangle medicines** as a percentage of all medicines from BNF chapters 1-7 & 9-13 (items)

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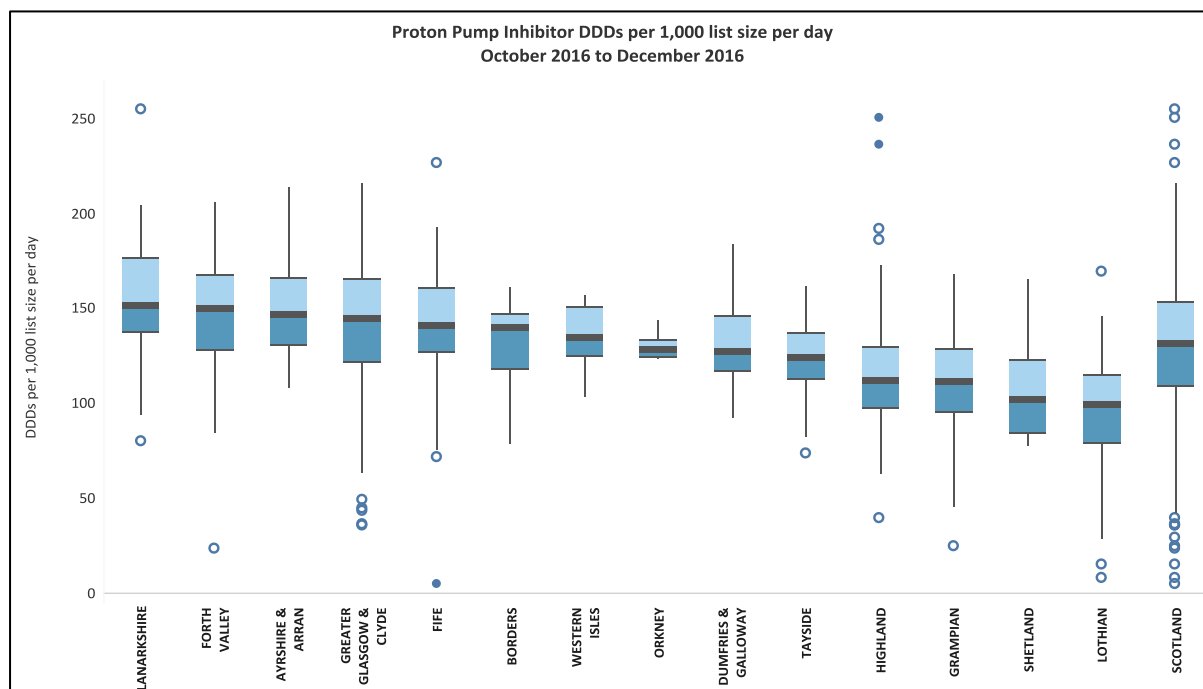
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Gastrointestinal - NTI

Proton Pump Inhibitors: DDDs per 1,000 list size per day

Box Plot



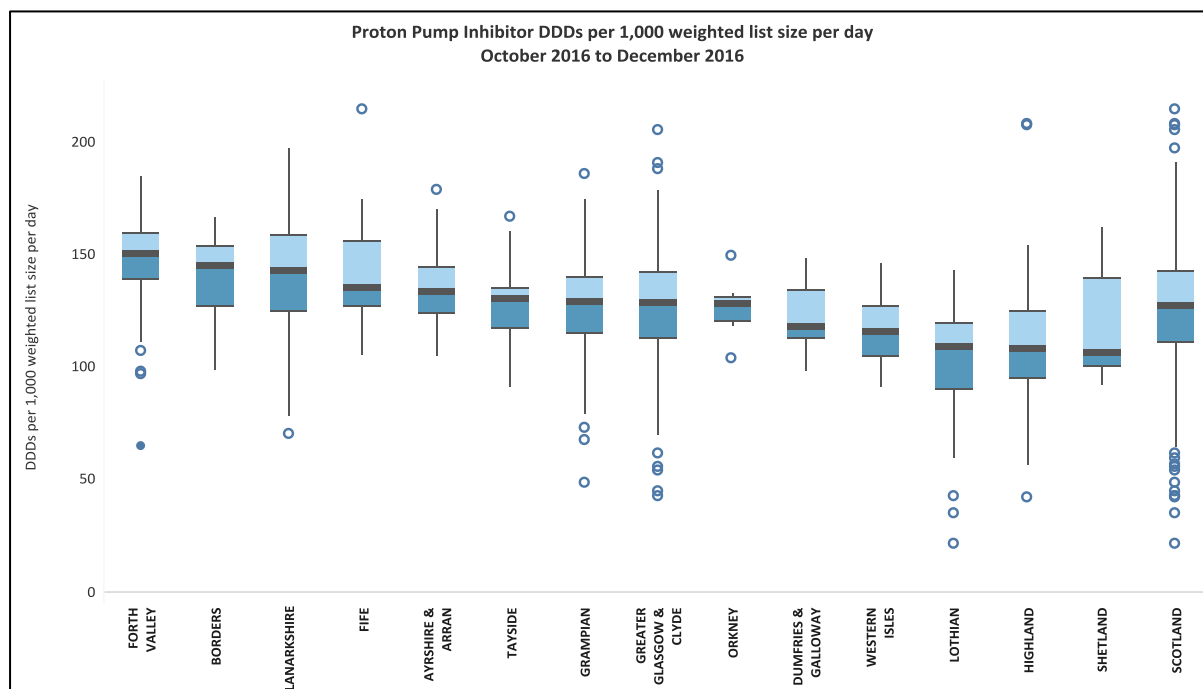
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NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	107.72	130.54	146.71	165.95	213.86
NHS BORDERS	78.95	117.89	139.44	146.23	161.08
NHS DUMFRIES & GALLOWAY	92.86	116.77	127.09	145.53	183.86
NHS FIFE	5.18	126.29	140.99	160.75	226.46
NHS FORTH VALLEY	23.83	127.95	149.54	166.69	205.46
NHS GRAMPIAN	24.97	95.01	111.20	128.62	167.88
NHS GREATER GLASGOW & CLYDE	35.60	121.46	144.65	164.87	215.74
NHS HIGHLAND	39.66	96.98	112.03	129.11	249.90
NHS LANARKSHIRE	80.00	137.75	151.22	175.77	254.93
NHS LOTHIAN	8.27	79.03	98.69	114.45	169.08
NHS ORKNEY	123.20	123.69	128.03	133.00	143.85
NHS SHETLAND	77.75	87.34	101.34	121.51	164.88
NHS TAYSIDE	73.36	112.77	124.22	136.59	162.18
NHS WESTERN ISLES	103.35	124.54	134.02	150.47	156.59
SCOTLAND		108.77	130.97	152.90	

Gastrointestinal - NTI

Proton Pump Inhibitors: DDDs per 1,000 weighted list size per day

Box Plot



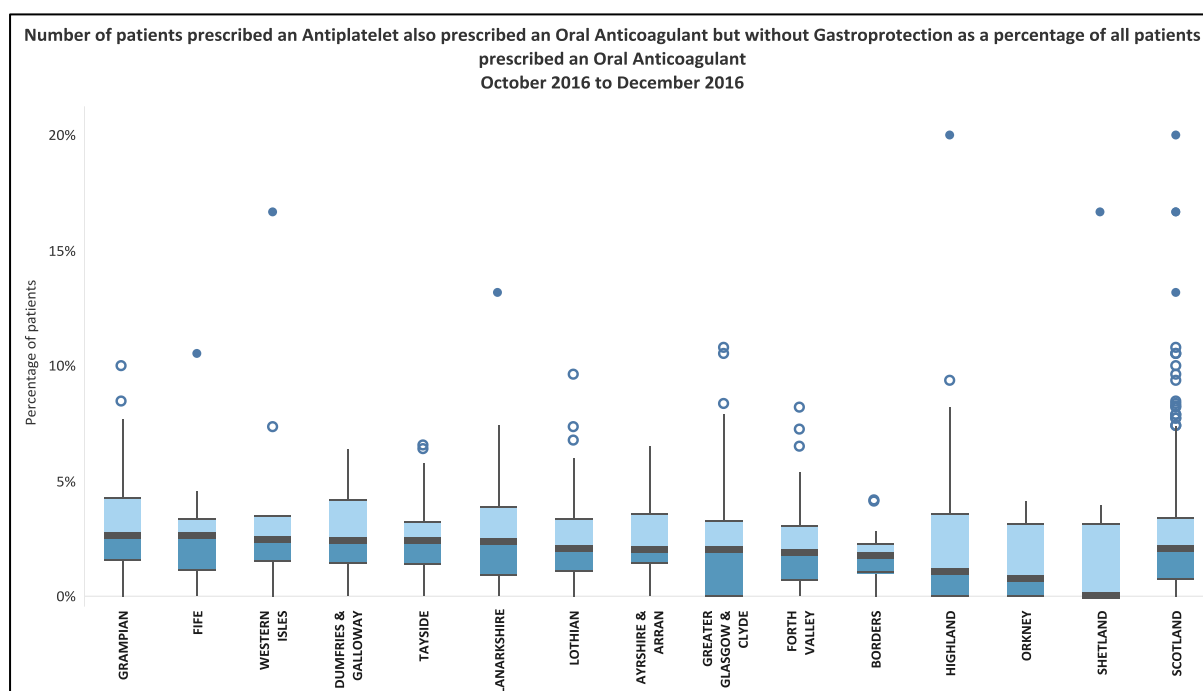
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NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	105.12	123.19	133.18	143.83	178.20
NHS BORDERS	98.36	126.50	144.30	153.37	165.98
NHS DUMFRIES & GALLOWAY	98.08	112.48	117.70	133.89	148.51
NHS FIFE	104.97	126.62	135.06	153.98	214.46
NHS FORTH VALLEY	64.38	138.46	149.83	159.25	184.49
NHS GRAMPIAN	48.38	114.89	128.61	139.47	185.71
NHS GREATER GLASGOW & CLYDE	42.26	112.53	128.46	141.79	204.80
NHS HIGHLAND	41.89	94.89	107.63	124.16	207.79
NHS LANARKSHIRE	69.91	124.36	142.30	157.84	196.96
NHS LOTHIAN	21.53	90.03	108.53	118.95	142.98
NHS ORKNEY	103.88	120.06	127.63	130.55	149.13
NHS SHETLAND	92.16	100.44	106.33	137.02	161.68
NHS TAYSIDE	91.11	117.23	129.75	134.27	166.50
NHS WESTERN ISLES	91.01	104.73	115.47	126.79	146.24
SCOTLAND		110.54	126.60	142.47	

Cardiovascular - APM

Oral anticoagulant: number of patients prescribed an antiplatelet also prescribed an oral anticoagulant but without gastroprotection as percentage of all patients prescribed an oral anticoagulant

Box Plot



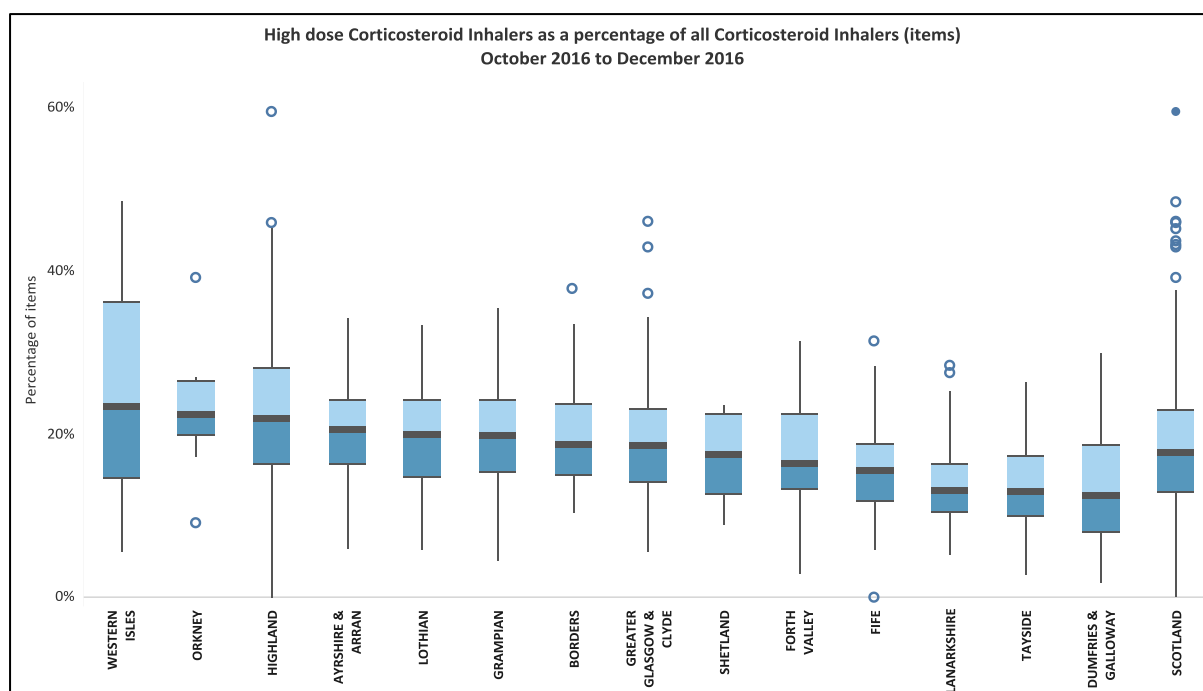
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NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	1.44%	2.05%	3.55%	6.52%
NHS BORDERS	0.00%	1.03%	1.77%	2.24%	4.17%
NHS DUMFRIES & GALLOWAY	0.00%	1.43%	2.41%	4.14%	6.38%
NHS FIFE	0.00%	1.14%	2.61%	3.33%	10.53%
NHS FORTH VALLEY	0.00%	0.71%	1.85%	3.03%	8.16%
NHS GRAMPIAN	0.00%	1.55%	2.61%	4.23%	10.00%
NHS GREATER GLASGOW & CLYDE	0.00%	0.00%	2.05%	3.23%	10.77%
NHS HIGHLAND	0.00%	0.00%	1.08%	3.53%	20.00%
NHS LANARKSHIRE	0.00%	0.94%	2.33%	3.84%	13.16%
NHS LoTHIAN	0.00%	1.06%	2.07%	3.33%	9.62%
NHS ORKNEY	0.00%	0.00%	0.78%	3.16%	4.17%
NHS SHETLAND	0.00%	0.00%	0.00%	3.08%	16.67%
NHS TAYSIDE	0.00%	1.40%	2.38%	3.17%	6.54%
NHS WESTERN ISLES	0.00%	1.52%	2.44%	3.45%	16.67%
SCOTLAND		0.78%	2.08%	3.41%	

Respiratory - NTI

High Dose Corticosteroid Inhalers: high dose corticosteroid inhalers as a percentage of all corticosteroid inhalers (items) (using 2016 SIGN/BTS classification of inhaled corticosteroids)

Box Plot



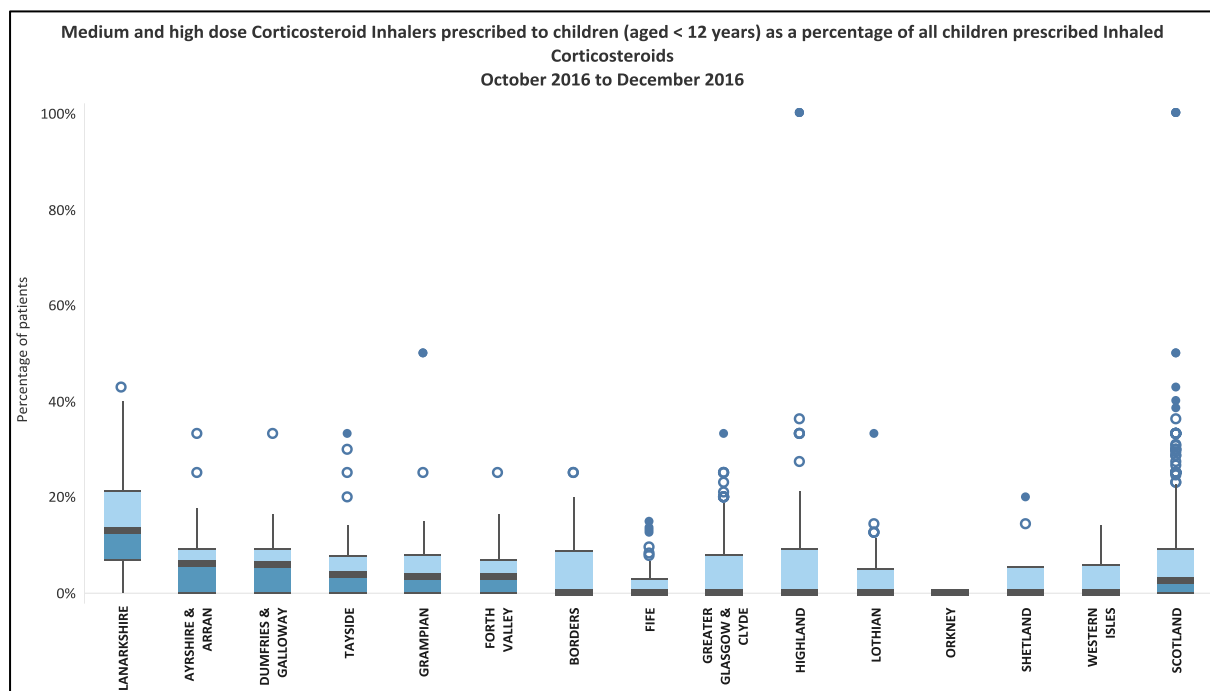
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NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	6.01%	16.33%	20.54%	24.06%	34.22%
NHS BORDERS	10.30%	15.03%	18.68%	23.64%	37.72%
NHS DUMFRIES & GALLOWAY	1.78%	7.91%	12.50%	18.53%	29.97%
NHS FIFE	0.00%	11.62%	15.36%	18.73%	31.34%
NHS FORTH VALLEY	2.94%	13.16%	16.38%	22.39%	31.43%
NHS GRAMPIAN	4.52%	15.28%	19.82%	23.98%	35.40%
NHS GREATER GLASGOW & CLYDE	5.59%	14.19%	18.61%	23.05%	45.93%
NHS HIGHLAND	0.00%	16.31%	21.89%	27.96%	59.46%
NHS LANARKSHIRE	5.32%	10.41%	12.96%	16.22%	28.40%
NHS LOTHIAN	5.88%	14.66%	19.94%	24.03%	33.33%
NHS ORKNEY	9.09%	19.69%	22.32%	26.52%	39.13%
NHS SHETLAND	8.78%	12.93%	17.35%	22.36%	23.46%
NHS TAYSIDE	2.70%	9.95%	12.89%	17.05%	26.32%
NHS WESTERN ISLES	5.56%	14.58%	23.39%	36.07%	48.39%
SCOTLAND		12.95%	17.72%	22.92%	

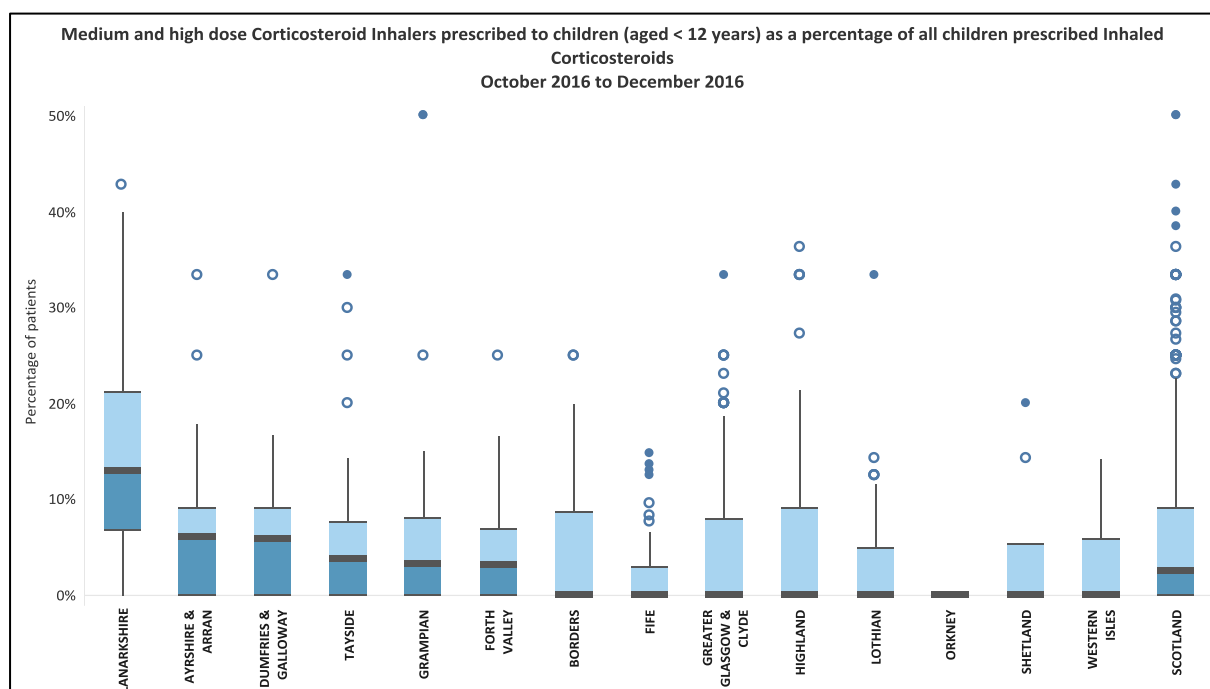
Respiratory - APM

Medium and high dose corticosteroid inhalers: medium and high dose corticosteroid inhalers prescribed to children (aged < 12 years) as a percentage of all children prescribed inhaled corticosteroids (using 2016 SIGN/BTS classification of inhaled corticosteroids)

Box Plot



Box Plot (excluding 4 Highland 100% outliers - each practice had 1 patient)



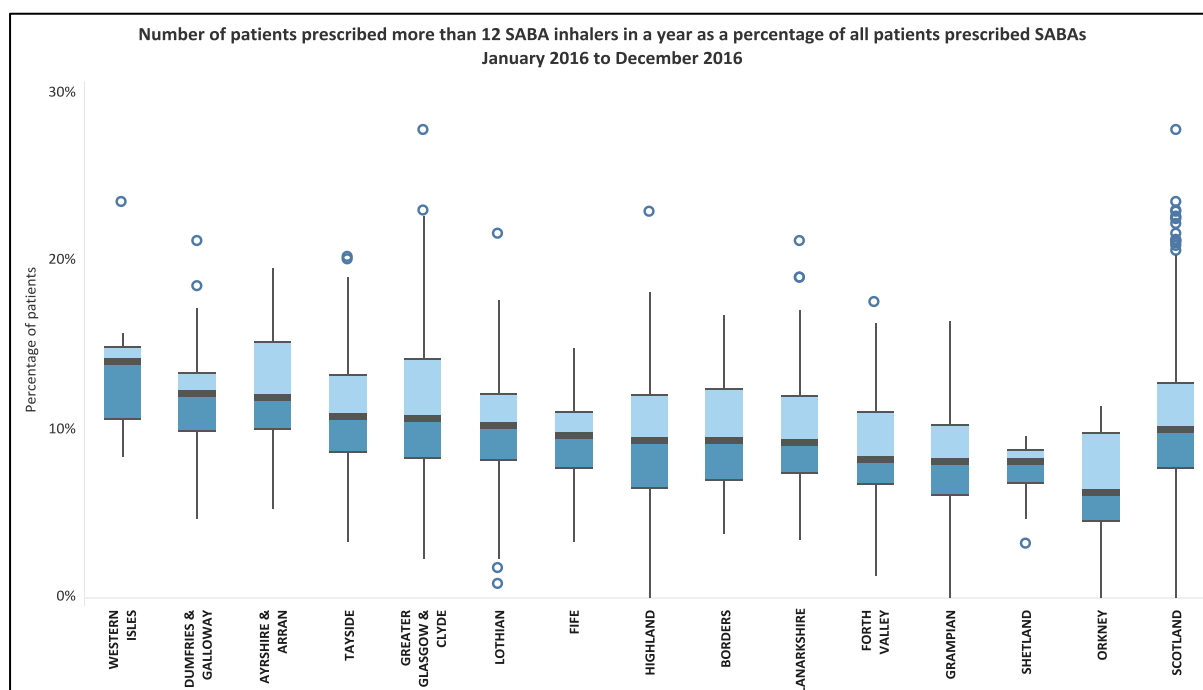
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS Ayrshire & Arran	0.00%	0.00%	6.16%	9.09%	33.33%
NHS Borders	0.00%	0.00%	0.00%	8.71%	25.00%
NHS Dumfries & Galloway	0.00%	0.00%	5.88%	9.09%	33.33%
NHS Fife	0.00%	0.00%	0.00%	2.94%	14.81%
NHS Forth Valley	0.00%	0.00%	3.23%	6.90%	25.00%
NHS Grampian	0.00%	0.00%	3.33%	8.00%	50.00%
NHS Greater Glasgow & Clyde	0.00%	0.00%	0.00%	7.77%	33.33%
NHS Highland	0.00%	0.00%	0.00%	9.09%	100.00%
NHS Lanarkshire	0.00%	6.88%	13.04%	20.98%	42.86%
NHS Lothian	0.00%	0.00%	0.00%	4.88%	33.33%
NHS Orkney	0.00%	0.00%	0.00%	0.00%	0.00%
NHS Shetland	0.00%	0.00%	0.00%	4.70%	20.00%
NHS Tayside	0.00%	0.00%	3.77%	7.69%	33.33%
NHS Western Isles	0.00%	0.00%	0.00%	2.94%	14.29%
Scotland		0.00%	2.50%	9.09%	

Respiratory - APM

Short Acting Beta-Agonist (SABA) Inhalers: number of patients prescribed more than 12 SABA inhalers in a year as a percentage of all patients prescribed SABAs

Box Plot



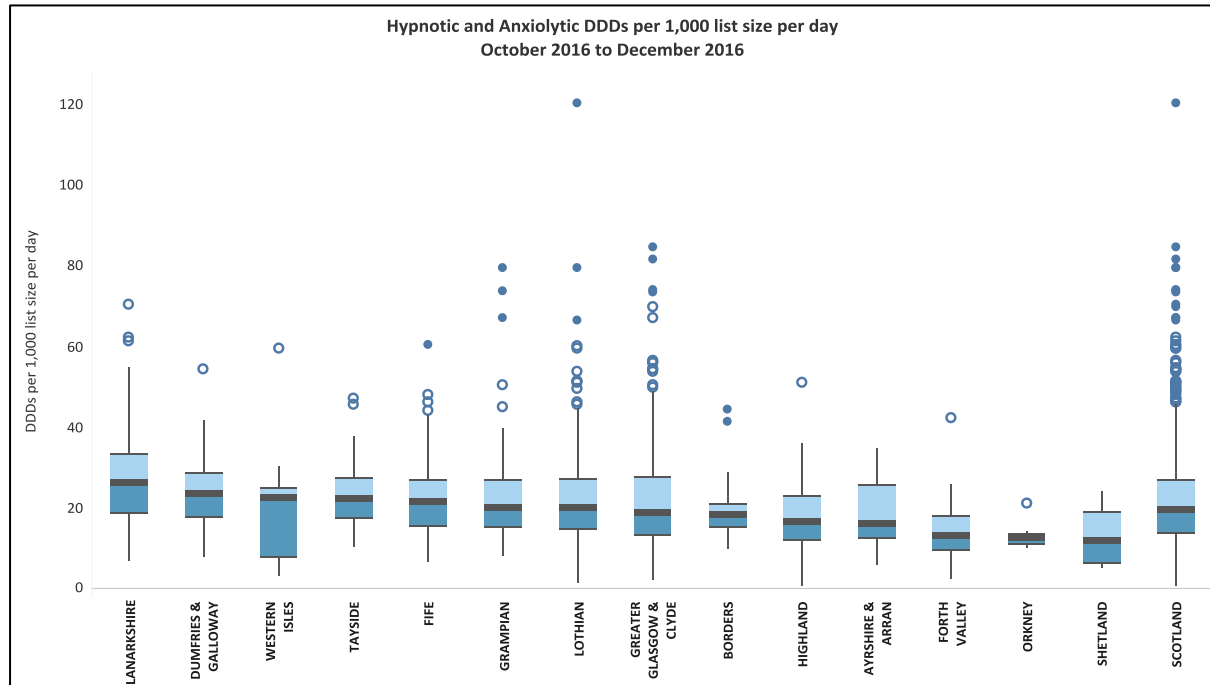
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	5.25%	9.92%	11.79%	15.06%	19.42%
NHS BORDERS	3.85%	6.91%	9.26%	12.30%	16.69%
NHS DUMFRIES & GALLOWAY	4.71%	9.92%	12.03%	13.23%	21.03%
NHS FIFE	3.36%	7.66%	9.56%	10.94%	14.71%
NHS FORTH VALLEY	1.33%	6.68%	8.18%	10.95%	17.41%
NHS GRAMPIAN	0.00%	6.07%	8.02%	10.15%	16.30%
NHS GREATER GLASGOW & CLYDE	2.35%	8.24%	10.56%	14.02%	27.59%
NHS HIGHLAND	0.00%	6.51%	9.28%	11.96%	22.76%
NHS LANARKSHIRE	3.49%	7.44%	9.15%	11.86%	21.04%
NHS Lothian	0.85%	8.12%	10.14%	11.99%	21.46%
NHS ORKNEY	0.00%	4.55%	6.18%	9.75%	11.27%
NHS SHETLAND	3.23%	6.89%	7.98%	8.60%	9.61%
NHS TAYSIDE	3.36%	8.73%	10.68%	13.06%	20.07%
NHS WESTERN ISLES	8.32%	10.48%	13.89%	14.75%	23.33%
SCOTLAND		7.61%	9.93%	12.68%	

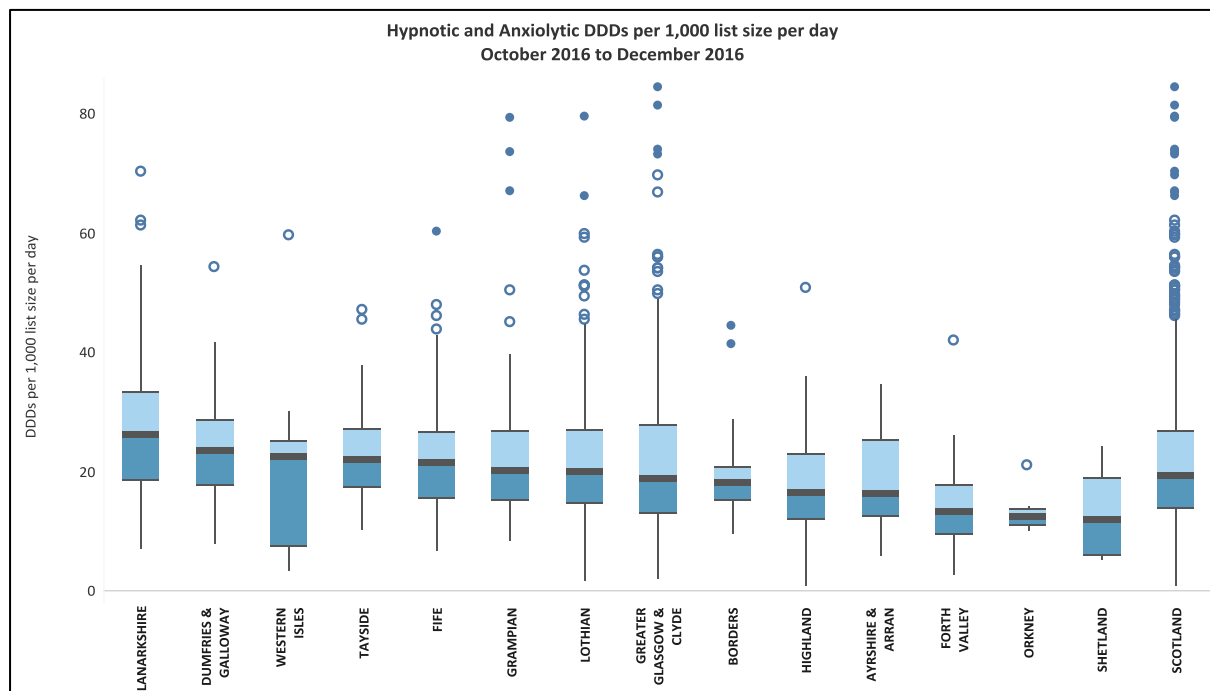
CNS (psychotropic) - NTI

Hypnotics and Anxiolytics: DDDs per 1,000 list size per day

Box Plot



Box Plot (excluding Lothian 120.2 outlier)



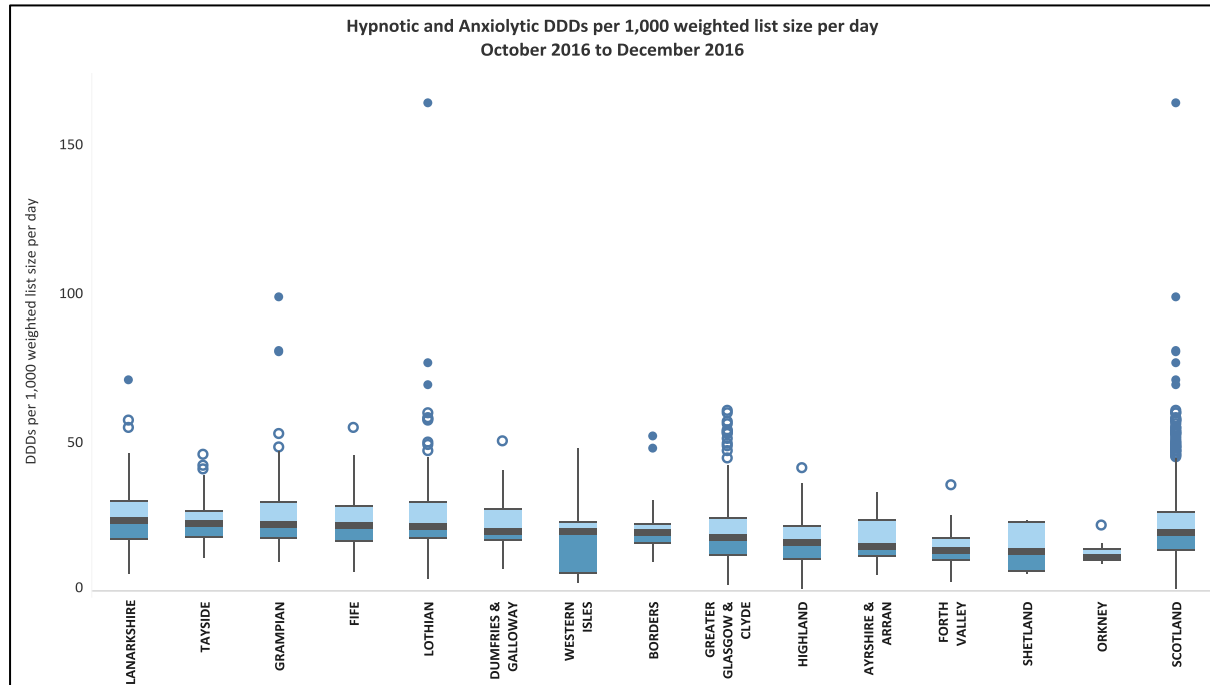
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS Ayrshire & Arran	5.91	12.63	16.18	25.32	34.80
NHS Borders	9.73	15.18	18.19	20.83	44.45
NHS Dumfries & Galloway	7.83	17.74	23.44	28.19	54.27
NHS Fife	6.73	15.72	21.42	25.90	60.20
NHS Forth Valley	2.65	9.39	13.16	17.78	42.10
NHS Grampian	8.40	15.19	20.16	26.65	79.32
NHS Greater Glasgow & Clyde	2.12	13.04	18.77	27.70	84.54
NHS Highland	0.79	12.06	16.36	22.82	50.82
NHS Lanarkshire	6.99	18.43	26.20	33.21	70.29
NHS Lothian	1.70	14.68	19.90	26.83	120.20
NHS Orkney	10.03	10.91	12.39	13.50	21.14
NHS Shetland	5.28	6.31	11.85	17.95	24.19
NHS Tayside	10.33	17.27	22.01	27.01	47.13
NHS Western Isles	3.32	7.54	22.33	24.98	59.55
Scotland		13.73	19.30	26.62	

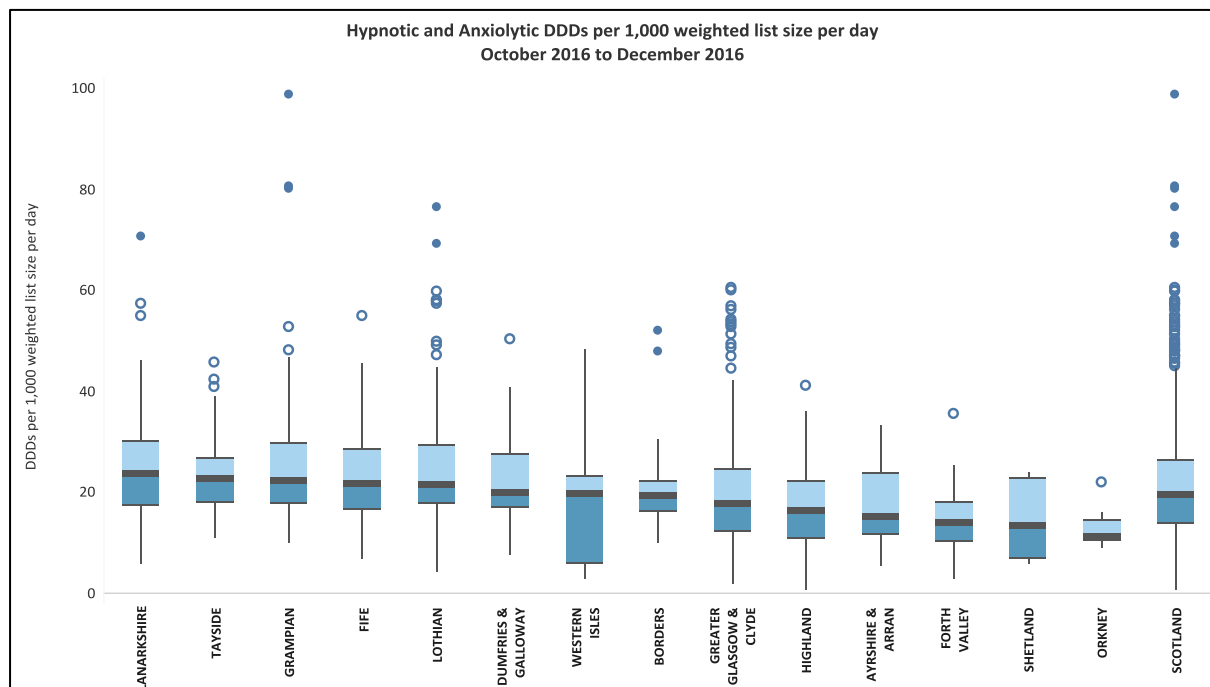
CNS (psychotropic) - NTI

Hypnotics and Anxiolytics: DDDs per 1,000 weighted list size per day

Box Plot



Box Plot (excluding Lothian 163.95 outlier)



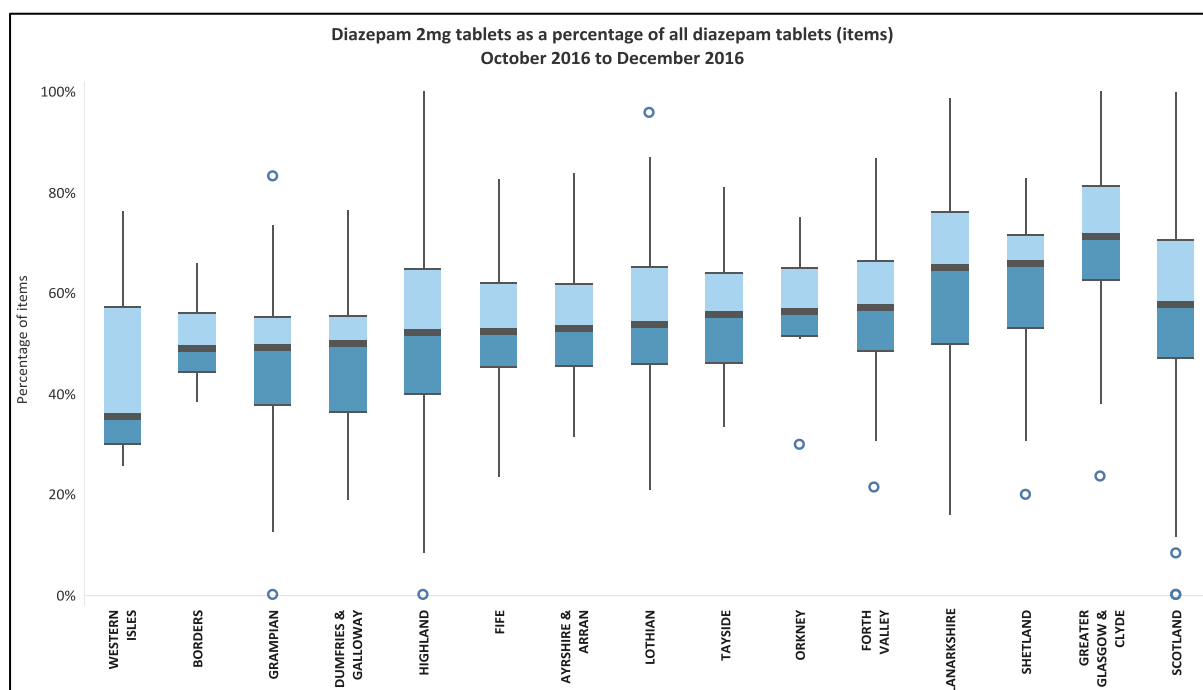
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	5.24	11.53	14.99	23.67	33.18
NHS BORDERS	10.00	16.08	19.13	22.00	51.89
NHS DUMFRIES & GALLOWAY	7.33	16.97	19.84	27.25	50.27
NHS FIFE	6.75	16.52	21.61	28.13	54.81
NHS FORTH VALLEY	2.93	10.10	13.66	17.84	35.38
NHS GRAMPIAN	9.92	17.67	22.24	29.43	98.72
NHS GREATER GLASGOW & CLYDE	1.92	12.03	17.53	24.34	60.41
NHS HIGHLAND	0.71	11.15	16.21	21.86	41.12
NHS LANARKSHIRE	5.84	17.29	23.37	29.98	70.61
NHS LoTHIAN	4.29	17.73	21.33	29.37	163.95
NHS ORKNEY	8.98	10.29	11.00	14.15	21.88
NHS SHETLAND	5.64	6.87	13.23	21.36	24.00
NHS TAYSIDE	10.94	18.30	22.44	26.59	45.75
NHS WESTERN ISLES	2.92	5.72	19.68	23.06	48.09
SCOTLAND		13.77	19.21	26.14	

CNS (psychotropic) - APM

Hypnotics and Anxiolytics: diazepam 2mg tablets as a percentage of all diazepam tablets (items)

Box Plot



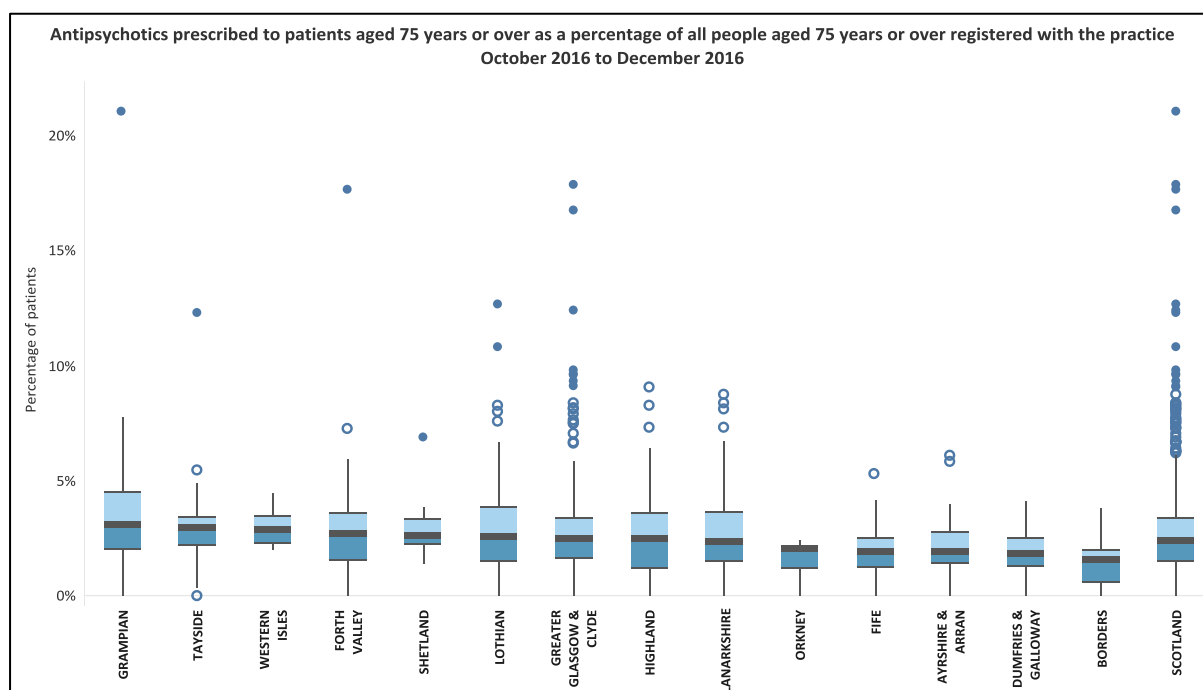
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	31.43%	45.53%	52.71%	61.67%	83.87%
NHS BORDERS	38.51%	44.41%	48.86%	56.03%	65.93%
NHS DUMFRIES & GALLOWAY	18.82%	36.21%	50.00%	55.50%	76.60%
NHS FIFE	23.57%	45.23%	52.38%	61.97%	82.63%
NHS FORTH VALLEY	21.43%	48.37%	57.07%	66.25%	86.67%
NHS GRAMPIAN	0.00%	37.91%	49.07%	55.01%	83.22%
NHS GREATER GLASGOW & CLYDE	23.47%	62.61%	71.14%	81.03%	100.00%
NHS HIGHLAND	0.00%	40.24%	52.01%	64.45%	100.00%
NHS LANARKSHIRE	15.89%	50.16%	64.99%	75.96%	98.93%
NHS LOTHIAN	21.08%	45.77%	53.77%	65.26%	95.80%
NHS ORKNEY	29.79%	51.30%	56.18%	64.87%	75.00%
NHS SHETLAND	20.00%	53.02%	65.97%	70.29%	82.74%
NHS TAYSIDE	33.33%	46.08%	55.71%	63.89%	81.08%
NHS WESTERN ISLES	25.71%	30.00%	35.25%	57.22%	76.32%
SCOTLAND		46.93%	57.72%	70.51%	

CNS (psychotropic) - APM

Antipsychotics: antipsychotic prescribing to patients aged ≥75 years as a percentage of all people aged ≥75 years

Box Plot



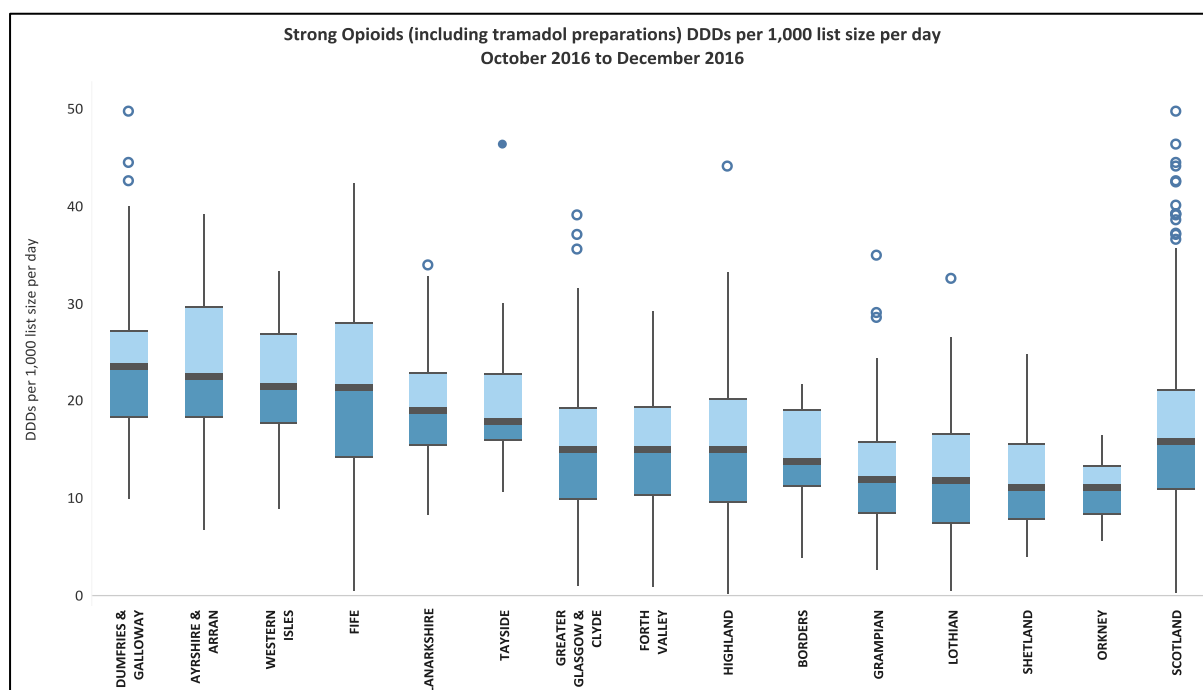
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	1.42%	1.92%	2.77%	6.10%
NHS BORDERS	0.00%	0.61%	1.57%	1.99%	3.85%
NHS DUMFRIES & GALLOWAY	0.00%	1.32%	1.83%	2.50%	4.09%
NHS FIFE	0.00%	1.24%	1.92%	2.51%	5.28%
NHS FORTH VALLEY	0.00%	1.58%	2.67%	3.55%	17.65%
NHS GRAMPIAN	0.00%	2.03%	3.11%	4.43%	21.05%
NHS GREATER GLASGOW & CLYDE	0.00%	1.61%	2.44%	3.36%	17.83%
NHS HIGHLAND	0.00%	1.22%	2.44%	3.54%	9.05%
NHS LANARKSHIRE	0.00%	1.51%	2.34%	3.63%	8.72%
NHS LOTHIAN	0.00%	1.53%	2.58%	3.84%	12.68%
NHS ORKNEY	0.00%	1.17%	2.04%	2.08%	2.42%
NHS SHETLAND	1.41%	2.29%	2.64%	3.25%	6.87%
NHS TAYSIDE	0.00%	2.20%	2.96%	3.40%	12.28%
NHS WESTERN ISLES	2.04%	2.31%	2.88%	3.47%	4.46%
SCOTLAND		1.50%	2.40%	3.37%	

CNS (analgesic) - NTI

Opioid analgesics: strong opioids (including tramadol preparations) DDDs per 1,000 list size per day

Box Plot



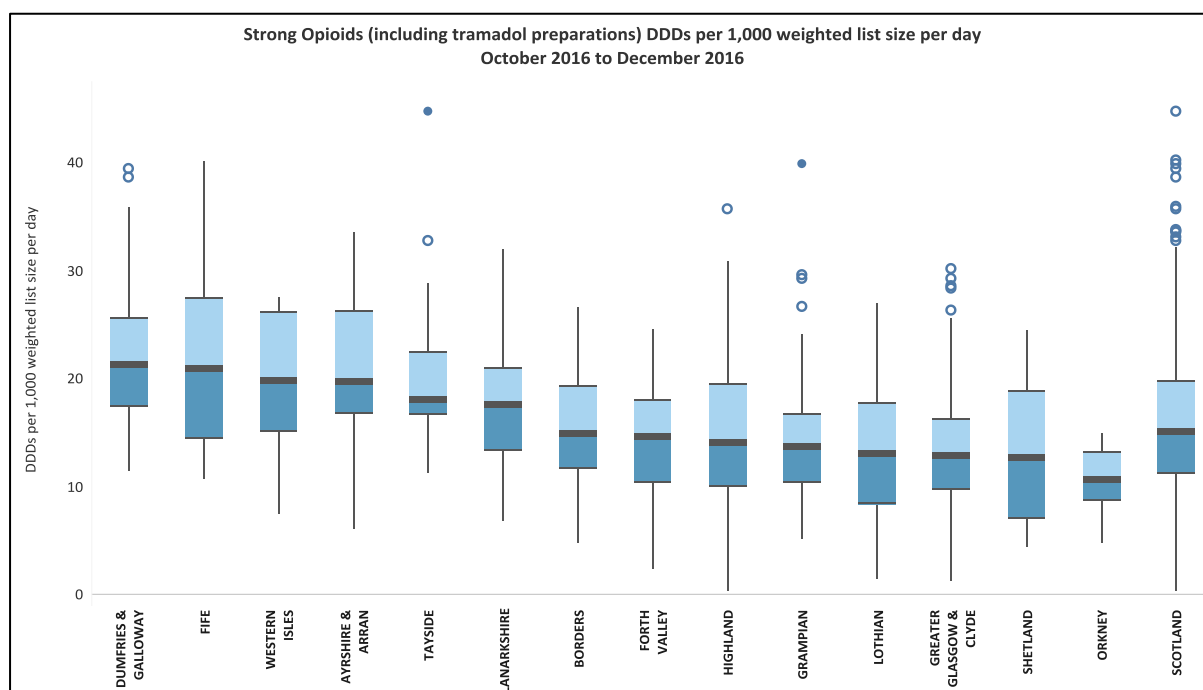
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS Ayrshire & Arran	6.82	18.30	22.47	29.59	39.20
NHS Borders	3.83	11.21	13.67	18.98	21.63
NHS Dumfries & Galloway	9.87	18.29	23.47	27.11	49.73
NHS Fife	0.53	14.19	21.29	27.99	42.38
NHS Forth Valley	0.87	10.26	14.88	19.29	29.16
NHS Grampian	2.68	8.49	11.86	15.58	34.89
NHS Greater Glasgow & Clyde	1.03	9.96	14.95	19.13	39.08
NHS Highland	0.29	9.57	14.85	20.19	44.08
NHS Lanarkshire	8.25	15.41	18.85	22.72	33.89
NHS Lothian	0.55	7.40	11.82	16.58	32.55
NHS Orkney	5.68	8.27	10.98	13.27	16.45
NHS Shetland	4.01	8.21	11.03	15.21	24.86
NHS Tayside	10.71	15.92	17.73	22.62	46.24
NHS Western Isles	8.87	17.69	21.47	26.87	33.35
SCOTLAND	10.94	15.83	20.99		

CNS (analgesic) - NTI

Opioid analgesics: strong opioids (including tramadol preparations) DDDs per 1,000 weighted list size per day

Box Plot



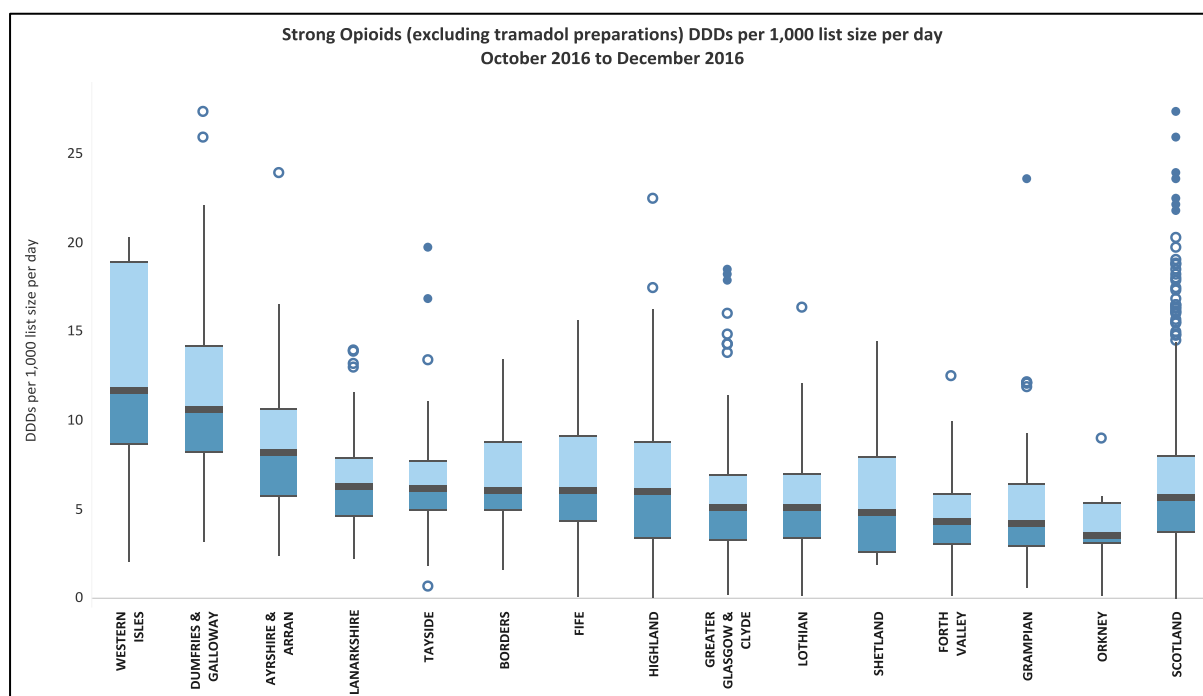
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	6.10	16.73	19.67	26.26	33.60
NHS BORDERS	4.77	11.62	14.79	19.17	26.56
NHS DUMFRIES & GALLOWAY	11.41	17.42	21.30	25.58	39.38
NHS FIFE	10.76	14.55	20.96	27.07	40.14
NHS FORTH VALLEY	2.36	10.43	14.59	18.02	24.51
NHS GRAMPIAN	5.19	10.58	13.69	16.59	39.80
NHS GREATER GLASGOW & CLYDE	1.27	9.69	12.82	16.13	30.16
NHS HIGHLAND	0.31	9.99	13.98	19.46	35.67
NHS LANARKSHIRE	6.79	13.34	17.53	20.90	31.96
NHS LOTHIAN	1.45	8.42	13.06	17.64	26.87
NHS ORKNEY	4.76	8.73	10.62	13.10	14.92
NHS SHETLAND	4.45	8.18	12.72	18.12	24.38
NHS TAYSIDE	11.34	16.58	18.00	22.34	44.75
NHS WESTERN ISLES	7.48	15.01	19.82	26.14	27.57
SCOTLAND		11.21	15.08	19.65	

CNS (analgesic) – NTI variant

Opioid analgesics: strong opioids (excluding tramadol preparations) DDDs per 1,000 list size per day

Box Plot



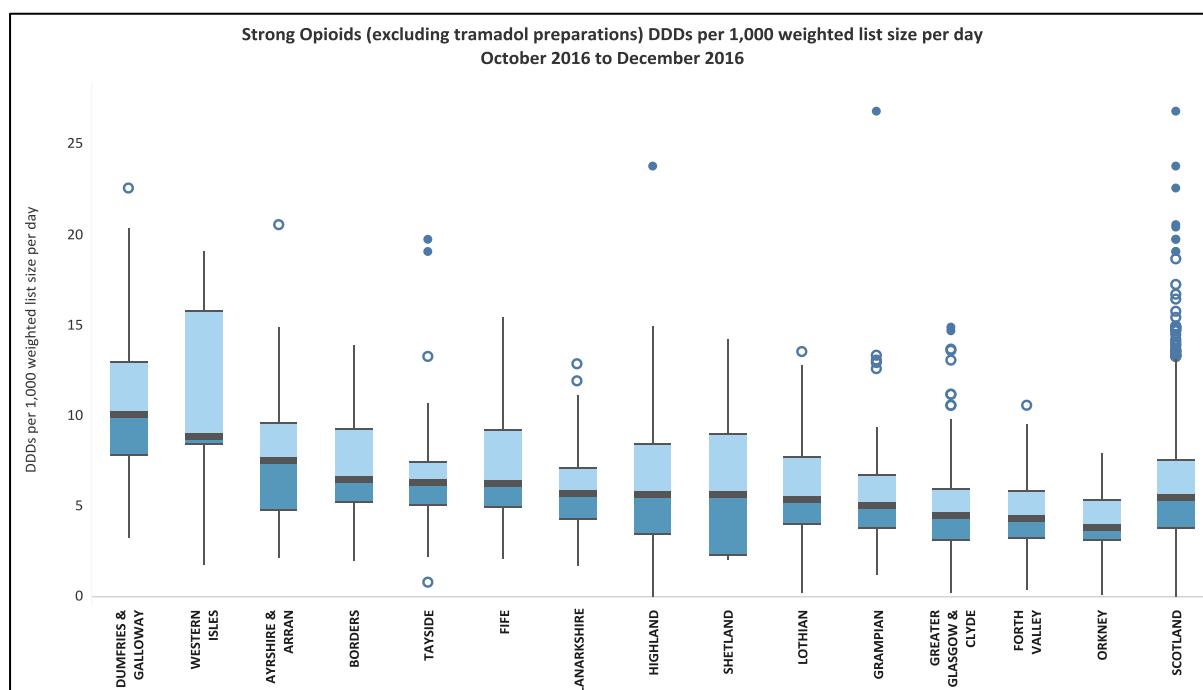
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	2.42	5.65	8.14	10.55	23.86
NHS BORDERS	1.59	4.92	6.04	8.70	13.37
NHS DUMFRIES & GALLOWAY	3.17	8.18	10.57	14.17	27.33
NHS FIFE	0.08	4.30	6.01	9.06	15.58
NHS FORTH VALLEY	0.14	2.98	4.22	5.84	12.48
NHS GRAMPIAN	0.63	2.91	4.15	6.34	23.48
NHS GREATER GLASGOW & CLYDE	0.16	3.23	5.05	6.84	18.42
NHS HIGHLAND	0.00	3.35	5.98	8.70	22.39
NHS LANARKSHIRE	2.16	4.61	6.24	7.80	13.88
NHS LOTHIAN	0.10	3.33	5.05	6.89	16.30
NHS ORKNEY	0.10	3.09	3.46	5.30	8.92
NHS SHETLAND	1.89	2.55	4.76	7.17	14.43
NHS TAYSIDE	0.64	4.96	6.12	7.63	19.64
NHS WESTERN ISLES	2.02	8.67	11.60	18.79	20.24
SCOTLAND		3.71	5.61	7.98	

CNS (analgesic) – NTI variant

Opioid analgesics: strong opioids (excluding tramadol preparations) DDDs per 1,000 weighted list size per day

Box Plot



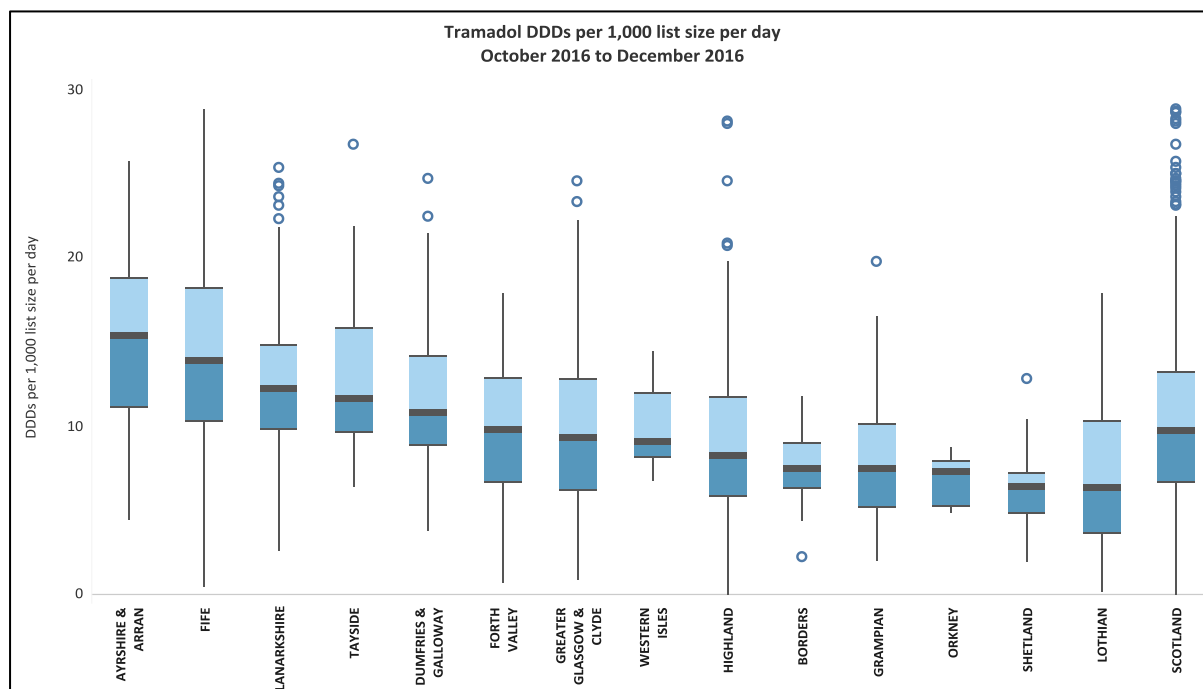
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	2.16	4.77	7.48	9.55	20.46
NHS BORDERS	1.98	5.15	6.44	9.21	13.82
NHS DUMFRIES & GALLOWAY	3.23	7.79	10.02	12.92	22.50
NHS FIFE	2.04	4.93	6.15	9.05	15.38
NHS FORTH VALLEY	0.38	3.20	4.29	5.77	10.48
NHS GRAMPIAN	1.22	3.75	4.98	6.63	26.78
NHS GREATER GLASGOW & CLYDE	0.20	3.08	4.42	5.92	14.80
NHS HIGHLAND	0.00	3.39	5.55	8.32	23.73
NHS LANARKSHIRE	1.75	4.18	5.65	7.02	12.78
NHS LOTHIAN	0.15	3.95	5.30	7.64	13.46
NHS ORKNEY	0.08	3.08	3.76	5.29	7.91
NHS SHETLAND	2.02	2.55	5.54	8.13	14.15
NHS TAYSIDE	0.75	5.04	6.21	7.36	19.65
NHS WESTERN ISLES	1.70	8.40	8.80	15.71	19.02
SCOTLAND		3.76	5.40	7.53	

CNS (analgesic) – NTI variant

Opioid analgesics: tramadol DDDs per 1,000 list size per day

Box Plot



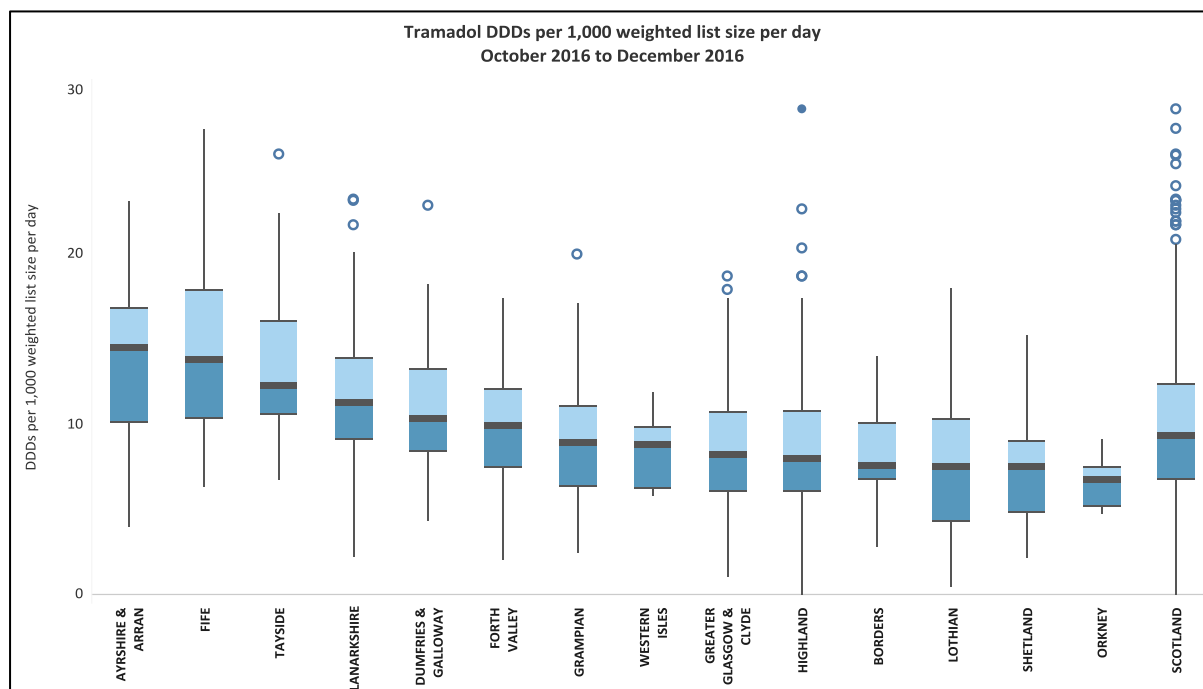
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	4.41	11.09	15.32	18.70	25.62
NHS BORDERS	2.24	6.32	7.48	8.98	11.72
NHS DUMFRIES & GALLOWAY	3.74	8.82	10.78	14.13	24.58
NHS FIFE	0.46	10.25	13.81	18.11	28.76
NHS FORTH VALLEY	0.73	6.69	9.74	12.79	17.85
NHS GRAMPIAN	2.05	5.21	7.44	9.99	19.73
NHS GREATER GLASGOW & CLYDE	0.87	6.17	9.28	12.70	24.46
NHS HIGHLAND	0.00	5.80	8.20	11.57	28.00
NHS LANARKSHIRE	2.57	9.83	12.11	14.71	25.25
NHS LOTHIAN	0.16	3.61	6.26	10.30	17.83
NHS ORKNEY	4.83	5.23	7.20	7.85	8.74
NHS SHETLAND	1.95	4.90	6.34	7.17	12.73
NHS TAYSIDE	6.40	9.65	11.53	15.60	26.60
NHS WESTERN ISLES	6.72	8.08	9.02	11.96	14.35
SCOTLAND		6.63	9.66	13.13	

CNS (analgesic) – NTI variant

Opioid analgesics: tramadol DDDs per 1,000 weighted list size per day

Box Plot



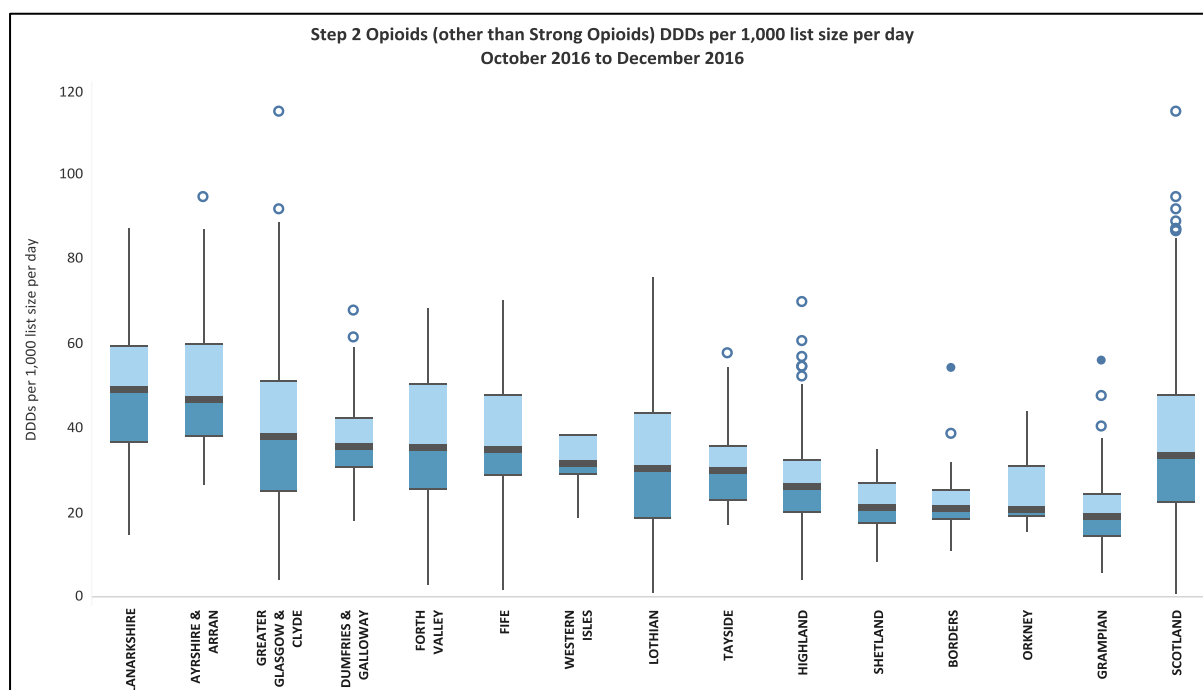
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	3.94	10.04	14.43	16.74	23.01
NHS BORDERS	2.79	6.71	7.48	10.03	13.94
NHS DUMFRIES & GALLOWAY	4.32	8.35	10.28	13.15	22.77
NHS FIFE	6.31	10.31	13.71	17.61	27.24
NHS FORTH VALLEY	1.98	7.44	9.84	12.00	17.37
NHS GRAMPIAN	2.44	6.37	8.86	10.98	19.90
NHS GREATER GLASGOW & CLYDE	1.07	6.02	8.12	10.62	18.57
NHS HIGHLAND	0.00	5.98	7.94	10.64	28.42
NHS LANARKSHIRE	2.25	9.10	11.23	13.75	23.14
NHS LOTHIAN	0.42	4.26	7.46	10.21	17.91
NHS ORKNEY	4.68	5.13	6.68	7.39	9.05
NHS SHETLAND	2.16	5.01	7.41	8.63	15.11
NHS TAYSIDE	6.74	10.49	12.24	16.01	25.74
NHS WESTERN ISLES	5.77	6.21	8.71	9.80	11.87
SCOTLAND		6.73	9.27	12.25	

CNS (analgesic) – NTI

Opioid analgesics: step 2 opioids (other than strong opioids) DDDs per 1,000 list size per day

Box Plot



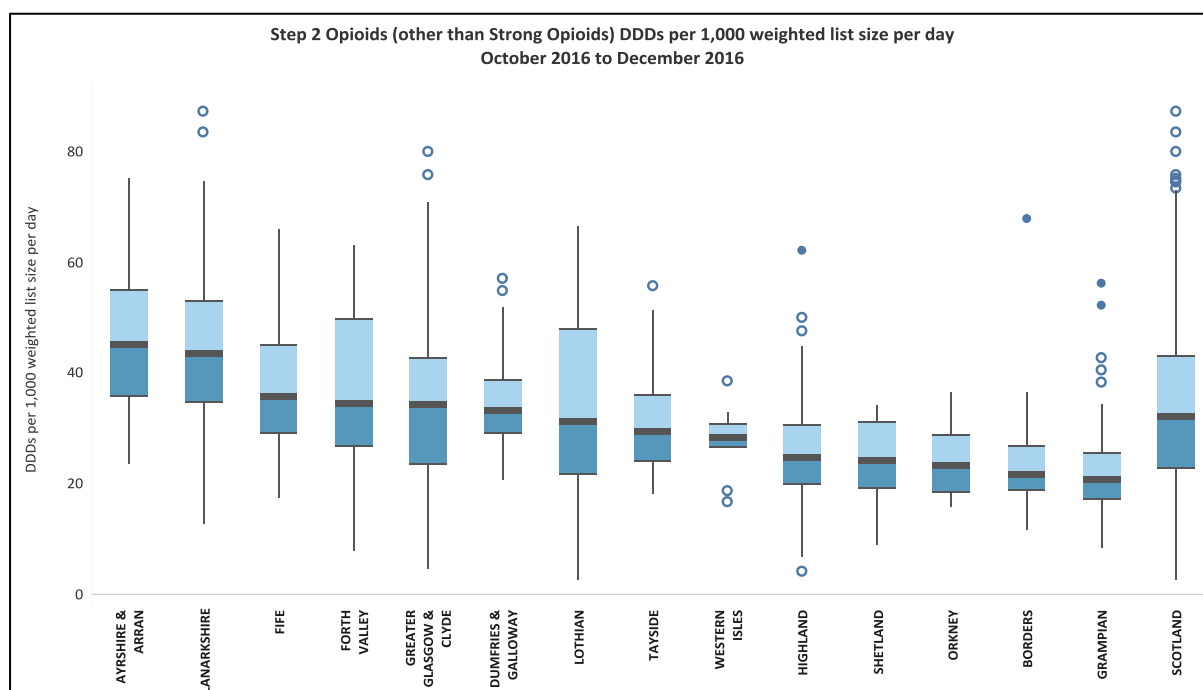
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	26.38	37.66	46.26	59.52	94.32
NHS BORDERS	11.06	18.20	20.84	25.18	54.03
NHS DUMFRIES & GALLOWAY	17.82	30.49	35.42	42.10	67.54
NHS FIFE	1.68	28.49	34.65	47.40	69.81
NHS FORTH VALLEY	2.91	25.39	35.20	49.96	68.29
NHS GRAMPIAN	5.64	14.10	18.62	24.06	55.57
NHS GREATER GLASGOW & CLYDE	3.98	25.04	37.76	50.75	114.56
NHS HIGHLAND	3.93	19.77	26.03	32.23	69.39
NHS LANARKSHIRE	14.72	36.64	48.56	58.84	86.81
NHS LOTHIAN	1.00	18.47	30.20	43.15	75.42
NHS ORKNEY	15.32	18.94	20.56	30.78	43.74
NHS SHETLAND	8.44	17.66	21.02	25.51	34.75
NHS TAYSIDE	17.11	22.95	29.66	35.26	57.32
NHS WESTERN ISLES	18.85	28.82	31.41	37.90	38.00
SCOTLAND		22.06	33.18	47.50	

CNS (analgesic) – NTI

Opioid analgesics: step 2 opioids (other than strong opioids) DDDs per 1,000 weighted list size per day

Box Plot



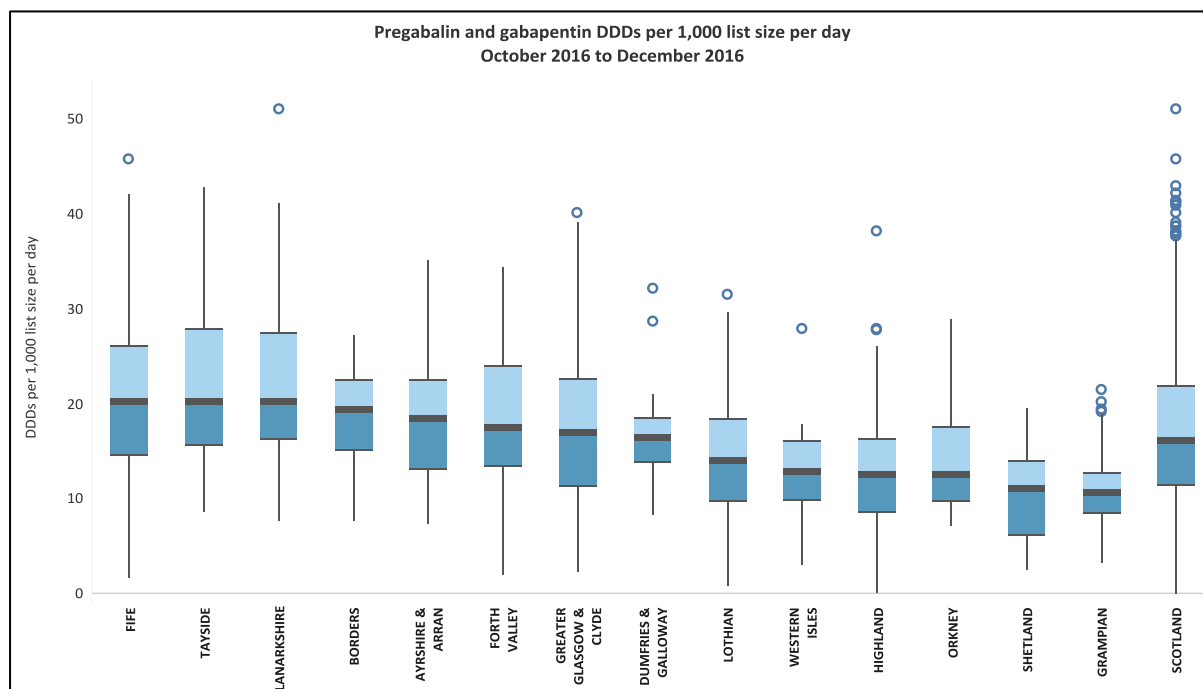
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	23.56	35.69	44.83	54.89	75.00
NHS BORDERS	11.57	18.72	21.56	26.69	67.82
NHS DUMFRIES & GALLOWAY	20.60	29.05	32.99	38.48	56.92
NHS FIFE	17.42	29.06	35.70	44.50	65.83
NHS FORTH VALLEY	7.87	26.73	34.35	49.55	62.98
NHS GRAMPIAN	8.46	17.31	20.69	25.23	56.05
NHS GREATER GLASGOW & CLYDE	4.63	23.38	34.23	42.42	79.82
NHS HIGHLAND	4.15	19.93	24.69	30.33	62.00
NHS LANARKSHIRE	12.86	34.67	43.34	52.91	87.21
NHS LOTHIAN	2.62	21.66	31.02	47.81	66.58
NHS ORKNEY	15.85	18.22	23.02	28.57	36.64
NHS SHETLAND	9.02	19.54	24.08	29.65	34.07
NHS TAYSIDE	18.03	24.03	29.28	35.74	55.65
NHS WESTERN ISLES	16.60	26.47	28.11	30.61	38.31
SCOTLAND		22.73	31.88	42.88	

CNS (analgesic) – NTI

Gabapentanoids: pregabalin and gabapentin DDDs per 1,000 list size per day

Box Plot



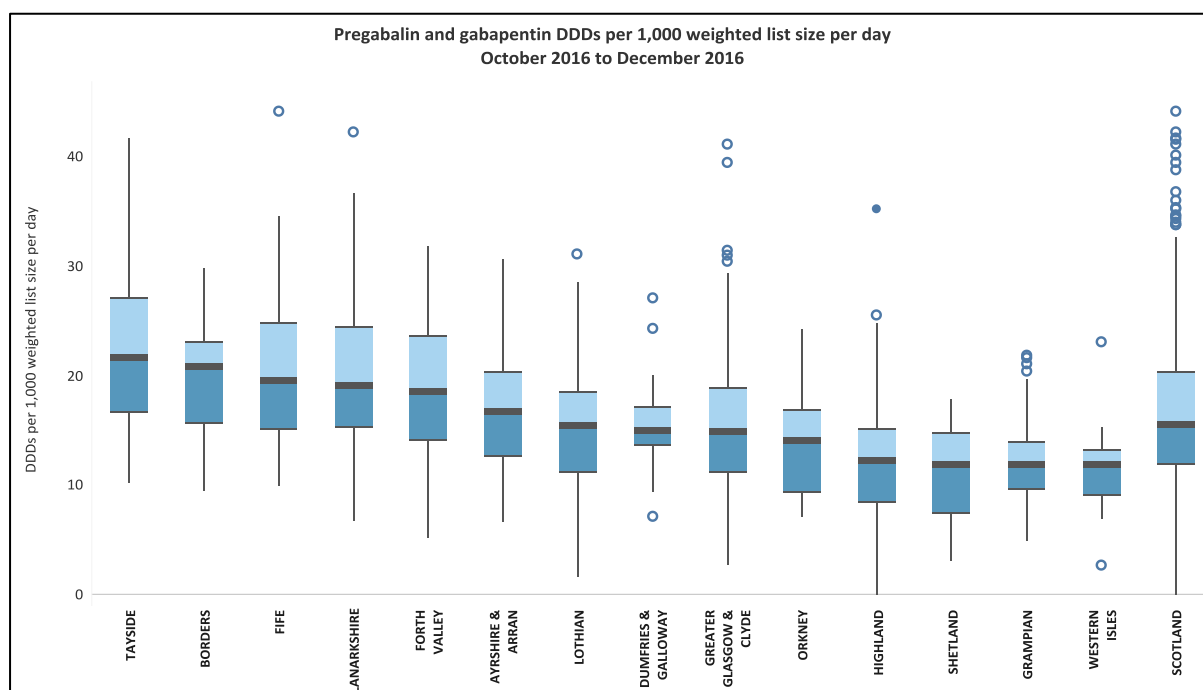
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS Ayrshire & Arran	7.32	13.07	18.37	22.44	35.15
NHS Borders	7.58	15.09	19.37	22.37	27.16
NHS Dumfries & Galloway	8.25	13.77	16.35	18.44	32.05
NHS Fife	1.69	14.61	20.26	25.96	45.78
NHS Forth Valley	1.90	13.40	17.40	23.90	34.39
NHS Grampian	3.24	8.39	10.61	12.59	21.49
NHS Greater Glasgow & Clyde	2.35	11.17	16.87	22.47	40.07
NHS Highland	0.00	8.65	12.55	16.04	38.13
NHS Lanarkshire	7.64	16.25	20.16	27.38	51.05
NHS Lothian	0.82	9.73	13.92	18.25	31.48
NHS Orkney	7.16	9.67	12.52	17.45	28.89
NHS Shetland	2.50	6.58	11.01	13.67	19.59
NHS Tayside	8.59	15.58	20.24	27.34	42.89
NHS Western Isles	2.94	9.74	12.75	16.02	27.84
SCOTLAND		11.36	16.16	21.74	

CNS (analgesic) – NTI

Gabapentanoids: pregabalin and gabapentin DDDs per 1,000 weighted list size per day

Box Plot



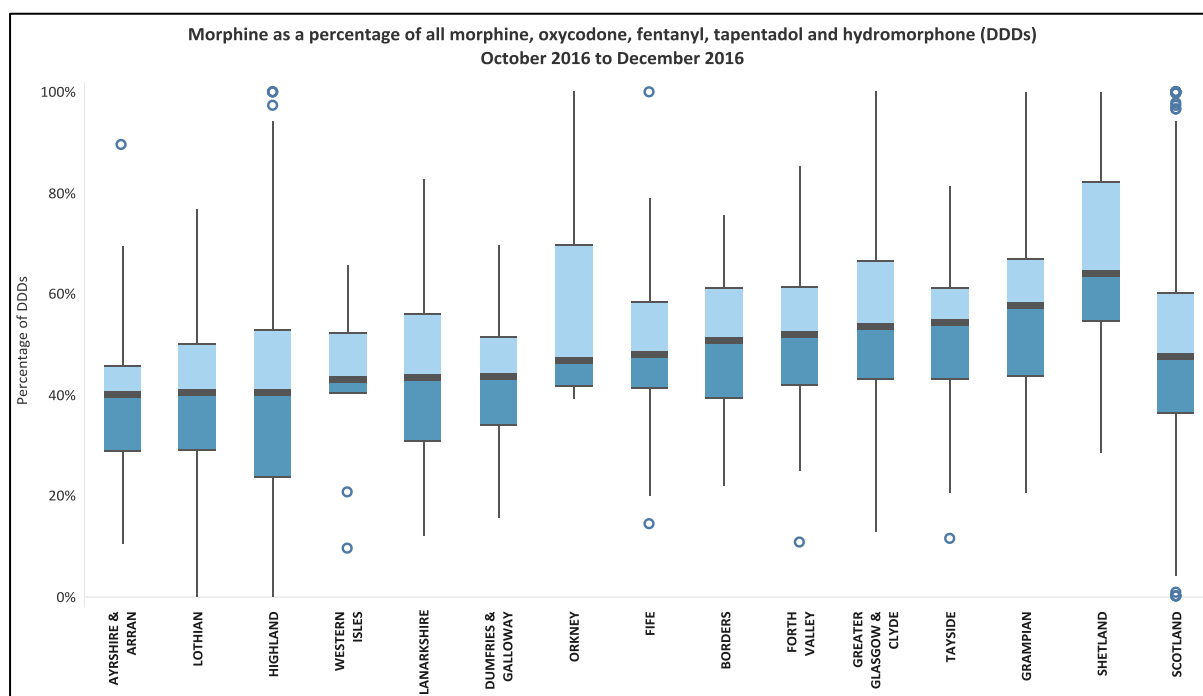
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	6.55	12.56	16.67	20.27	30.66
NHS BORDERS	9.44	15.63	20.74	22.99	29.72
NHS DUMFRIES & GALLOWAY	7.04	13.55	14.98	17.10	27.03
NHS FIFE	9.92	15.16	19.52	24.69	44.15
NHS FORTH VALLEY	5.12	14.00	18.56	23.56	31.74
NHS GRAMPIAN	4.94	9.61	11.83	13.77	21.81
NHS GREATER GLASGOW & CLYDE	2.73	11.18	14.81	18.79	41.04
NHS HIGHLAND	0.00	8.39	12.20	15.05	35.14
NHS LANARKSHIRE	6.67	15.23	19.03	24.42	42.25
NHS LOTHIAN	1.58	11.15	15.38	18.41	31.06
NHS ORKNEY	7.09	9.30	14.03	16.83	24.20
NHS SHETLAND	3.14	7.66	11.87	14.51	17.84
NHS TAYSIDE	10.13	16.66	21.59	26.85	41.66
NHS WESTERN ISLES	2.59	8.99	11.77	13.15	23.01
SCOTLAND		11.86	15.55	20.24	

CNS (analgesic) – APM

Opioid analgesics: morphine as a percentage of all morphine, oxycodone, fentanyl, tapentadol, and hydromorphone (DDD_s)

Box Plot



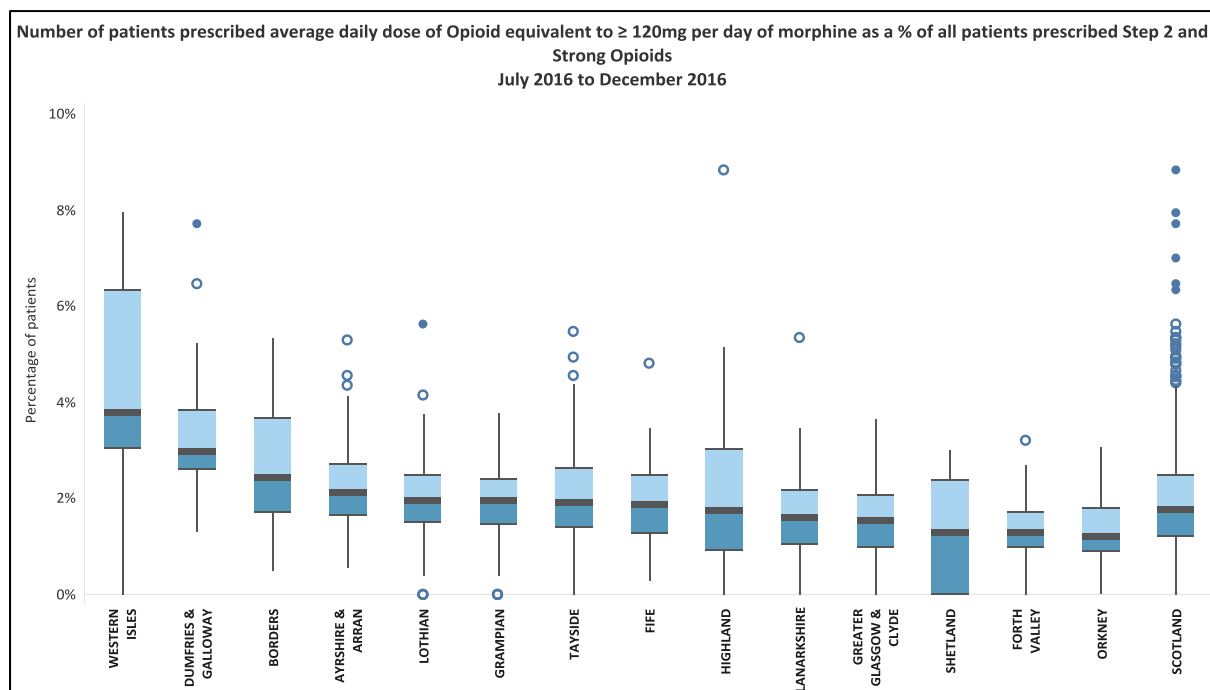
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	10.45%	28.83%	39.91%	45.57%	89.57%
NHS BORDERS	21.98%	39.28%	50.62%	60.98%	75.57%
NHS DUMFRIES & GALLOWAY	15.70%	33.76%	43.68%	51.30%	69.85%
NHS FIFE	14.35%	41.26%	47.82%	58.33%	100.00%
NHS FORTH VALLEY	10.76%	41.98%	51.72%	61.34%	85.33%
NHS GRAMPIAN	20.63%	44.45%	57.69%	66.67%	100.00%
NHS GREATER GLASGOW & CLYDE	12.70%	43.20%	53.50%	66.36%	100.00%
NHS HIGHLAND	0.00%	23.85%	40.53%	52.76%	100.00%
NHS LANARKSHIRE	12.02%	30.77%	43.26%	55.88%	82.92%
NHS LOTHIAN	0.00%	29.02%	40.36%	49.91%	76.72%
NHS ORKNEY	39.28%	41.52%	46.76%	69.47%	100.00%
NHS SHETLAND	28.44%	55.47%	63.91%	80.67%	100.00%
NHS TAYSIDE	11.45%	43.26%	54.33%	60.89%	81.33%
NHS WESTERN ISLES	9.58%	40.29%	42.88%	52.17%	65.55%
SCOTLAND		36.42%	47.36%	59.93%	

CNS (analgesic) – APM

Opioid analgesics: number of patients prescribed average daily dose of opioid equivalent to $\geq 120\text{mg}$ per day of morphine as a % of all patients prescribed step 2 and strong opioids

Box Plot



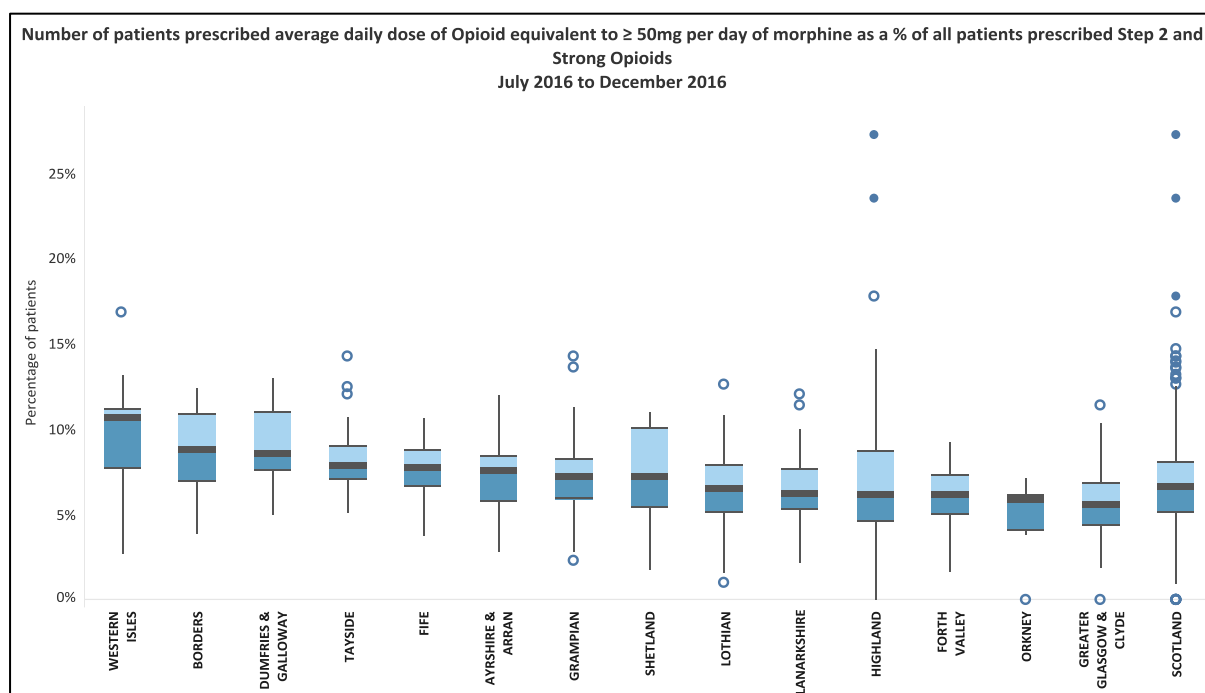
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.57%	1.64%	2.11%	2.70%	5.29%
NHS BORDERS	0.49%	1.71%	2.42%	3.67%	5.33%
NHS DUMFRIES & GALLOWAY	1.29%	2.61%	2.95%	3.81%	7.69%
NHS FIFE	0.28%	1.30%	1.86%	2.43%	4.79%
NHS FORTH VALLEY	0.00%	0.97%	1.27%	1.70%	3.18%
NHS GRAMPIAN	0.00%	1.45%	1.93%	2.39%	3.78%
NHS GREATER GLASGOW & CLYDE	0.00%	0.96%	1.54%	2.07%	3.65%
NHS HIGHLAND	0.00%	0.94%	1.72%	2.99%	8.82%
NHS LANARKSHIRE	0.00%	1.04%	1.59%	2.17%	5.33%
NHS LOTHIAN	0.00%	1.51%	1.94%	2.47%	5.60%
NHS ORKNEY	0.00%	0.90%	1.20%	1.79%	3.06%
NHS SHETLAND	0.00%	0.00%	1.29%	2.15%	3.02%
NHS TAYSIDE	0.00%	1.41%	1.91%	2.62%	5.45%
NHS WESTERN ISLES	0.00%	3.02%	3.77%	6.32%	7.94%
SCOTLAND		1.20%	1.76%	2.47%	

CNS (analgesic) – APM variant

Opioid analgesics: number of patients prescribed average daily dose of opioid equivalent to $\geq 50\text{mg}$ per day of morphine as a % of all patients prescribed step 2 and strong opioids

Box Plot



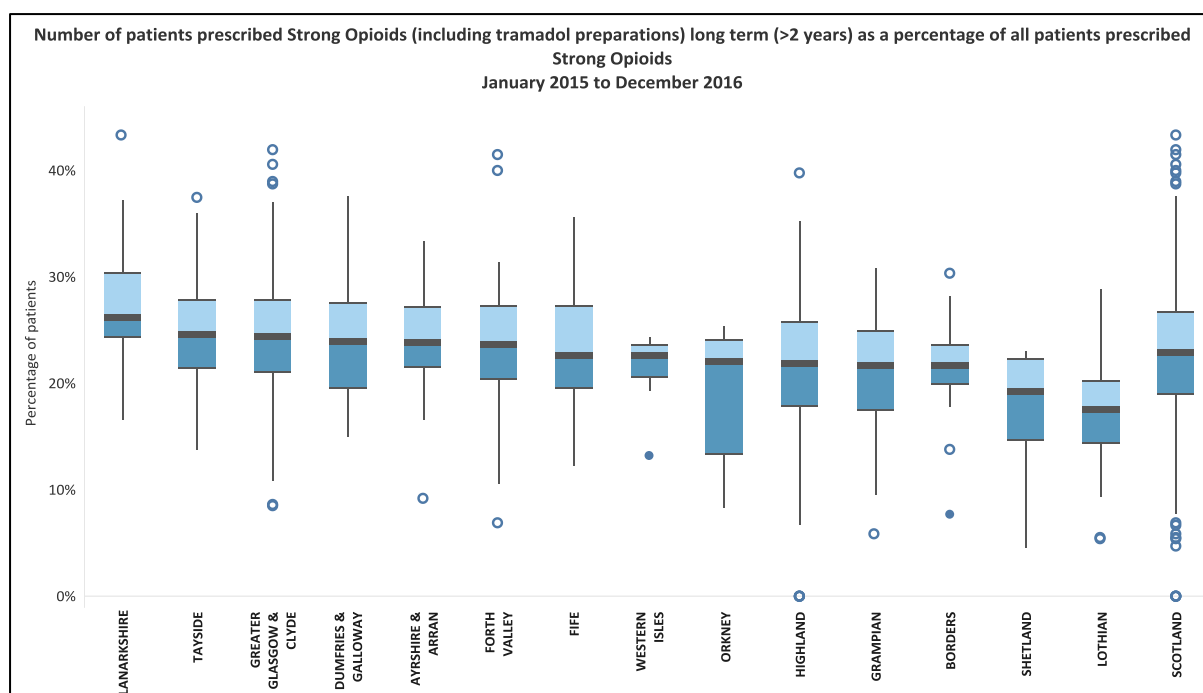
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	2.80%	5.75%	7.54%	8.41%	12.02%
NHS BORDERS	3.92%	6.91%	8.76%	10.83%	12.47%
NHS DUMFRIES & GALLOWAY	5.00%	7.59%	8.57%	10.97%	12.99%
NHS FIFE	3.77%	6.68%	7.71%	8.77%	10.65%
NHS FORTH VALLEY	1.69%	5.01%	6.15%	7.30%	9.20%
NHS GRAMPIAN	2.27%	5.94%	7.21%	8.15%	14.29%
NHS GREATER GLASGOW & CLYDE	0.00%	4.33%	5.57%	6.83%	11.36%
NHS HIGHLAND	0.00%	4.66%	6.16%	8.66%	27.27%
NHS LANARKSHIRE	2.15%	5.24%	6.22%	7.62%	12.02%
NHS LOTHIAN	0.97%	5.09%	6.46%	7.84%	12.62%
NHS ORKNEY	0.00%	4.03%	5.86%	6.15%	7.14%
NHS SHETLAND	1.79%	5.72%	7.20%	9.68%	11.02%
NHS TAYSIDE	5.13%	7.06%	7.87%	8.96%	14.26%
NHS WESTERN ISLES	2.70%	7.68%	10.63%	11.11%	16.84%
SCOTLAND		5.09%	6.61%	8.08%	

CNS (analgesic) – APM

Opioid analgesics: number of patients prescribed strong opioids (including tramadol preparations) long term (>2 years) as a percentage of all patients prescribed strong opioids

Box Plot



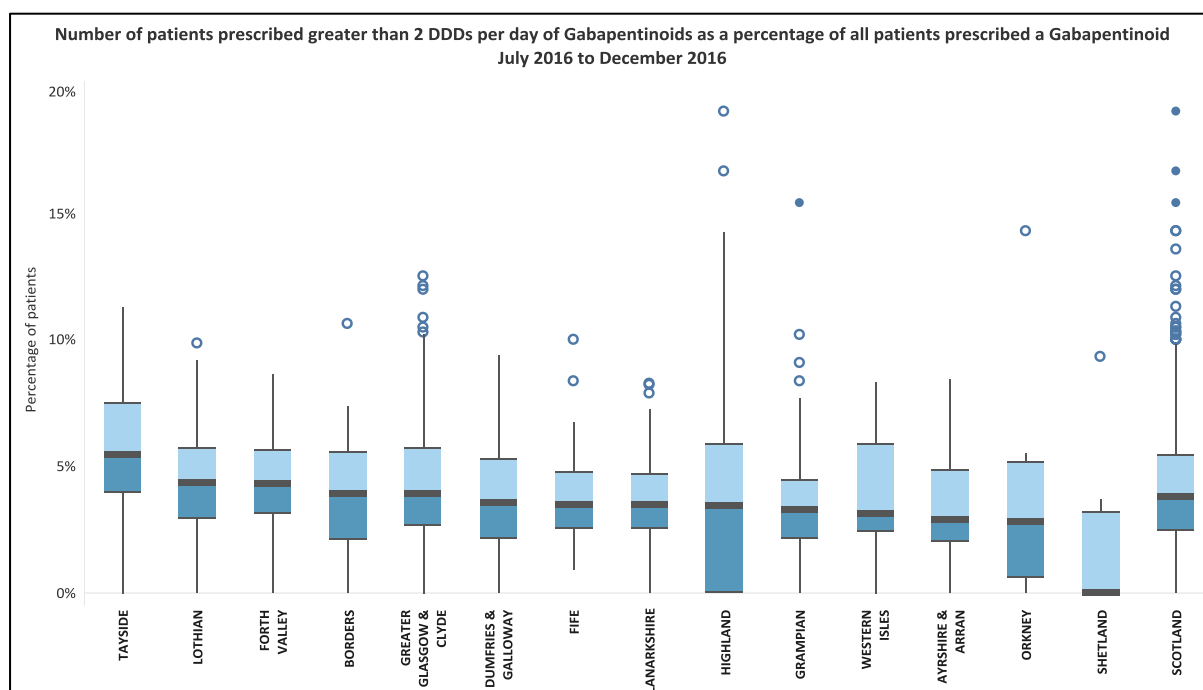
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	9.12%	21.48%	23.81%	27.05%	33.33%
NHS BORDERS	7.69%	19.92%	21.60%	23.57%	30.30%
NHS DUMFRIES & GALLOWAY	14.91%	19.77%	23.89%	27.43%	37.50%
NHS FIFE	12.25%	19.50%	22.52%	27.21%	35.62%
NHS FORTH VALLEY	6.85%	20.37%	23.52%	27.27%	41.38%
NHS GRAMPIAN	5.88%	17.48%	21.63%	24.83%	30.82%
NHS GREATER GLASGOW & CLYDE	8.51%	20.98%	24.40%	27.79%	41.90%
NHS HIGHLAND	0.00%	17.84%	21.78%	25.76%	39.73%
NHS LANARKSHIRE	16.53%	24.19%	26.09%	30.37%	43.28%
NHS LOTHIAN	5.32%	14.38%	17.42%	20.15%	28.78%
NHS ORKNEY	8.33%	15.36%	21.93%	23.65%	25.33%
NHS SHETLAND	4.65%	14.94%	19.21%	21.86%	23.01%
NHS TAYSIDE	13.79%	21.50%	24.42%	27.74%	37.38%
NHS WESTERN ISLES	13.19%	21.18%	22.49%	23.45%	24.37%
SCOTLAND		18.94%	22.88%	26.65%	

CNS (analgesic) – APM

Gabapentanoids: number of people prescribed more than the maximal recommended dose (>2 DDDs) per day of gabapentanoid as a percentage of all people prescribed a gabapentanoids (6 months)

Box Plot



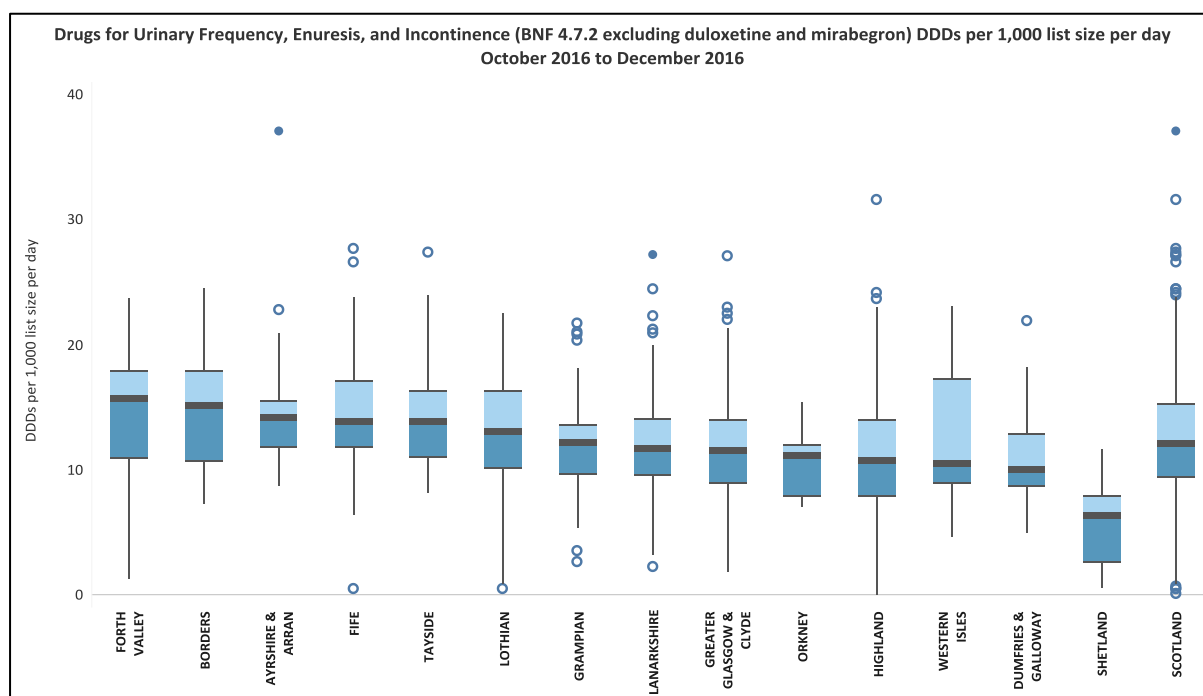
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	2.03%	2.90%	4.80%	8.43%
NHS BORDERS	0.00%	2.10%	3.90%	5.51%	10.64%
NHS DUMFRIES & GALLOWAY	0.00%	2.17%	3.55%	5.26%	9.41%
NHS FIFE	0.90%	2.56%	3.47%	4.77%	10.00%
NHS FORTH VALLEY	0.00%	3.14%	4.27%	5.61%	8.62%
NHS GRAMPIAN	0.00%	2.16%	3.25%	4.44%	15.38%
NHS GREATER GLASGOW & CLYDE	0.00%	2.64%	3.87%	5.70%	12.50%
NHS HIGHLAND	0.00%	0.00%	3.42%	5.86%	19.05%
NHS LANARKSHIRE	0.00%	2.55%	3.46%	4.68%	8.26%
NHS LOTHIAN	0.00%	2.91%	4.32%	5.67%	9.84%
NHS ORKNEY	0.00%	0.63%	2.78%	5.16%	14.29%
NHS SHETLAND	0.00%	0.00%	0.00%	2.84%	9.30%
NHS TAYSIDE	0.00%	3.95%	5.41%	7.42%	11.29%
NHS WESTERN ISLES	0.00%	2.38%	3.13%	5.88%	8.33%
SCOTLAND		2.44%	3.80%	5.43%	

CNS (adverse effects) - NTI

Antimuscarinics: drugs for urinary frequency, enuresis, and incontinence (BNF 4.7.2 excluding duloxetine and mirabegron) DDDs per 1,000 list size per day

Box Plot



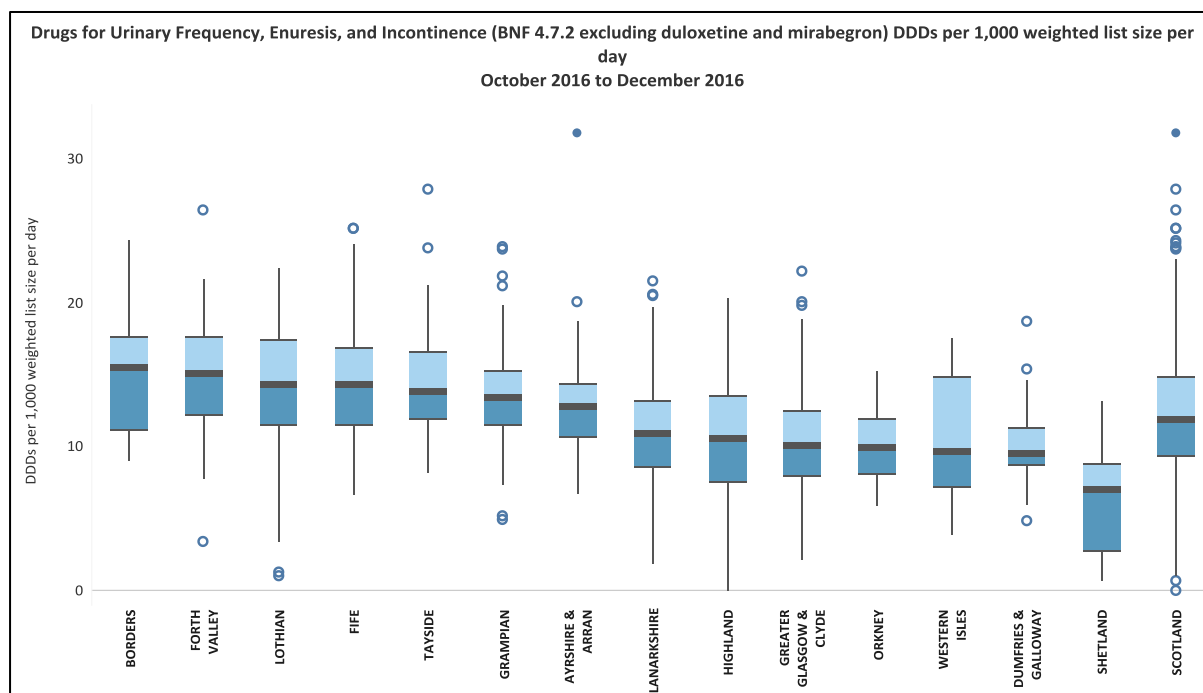
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	8.66	11.73	14.06	15.48	37.04
NHS BORDERS	7.23	10.63	15.03	17.77	24.41
NHS DUMFRIES & GALLOWAY	5.00	8.64	9.97	12.81	21.88
NHS FIFE	0.46	11.69	13.81	17.01	27.61
NHS FORTH VALLEY	1.24	10.87	15.68	17.78	23.63
NHS GRAMPIAN	2.55	9.63	12.09	13.46	21.62
NHS GREATER GLASGOW & CLYDE	1.81	8.93	11.40	13.86	27.08
NHS HIGHLAND	0.00	7.80	10.69	13.89	31.54
NHS LANARKSHIRE	2.15	9.50	11.61	13.91	27.20
NHS LOTHIAN	0.38	10.06	12.96	16.25	22.50
NHS ORKNEY	6.99	7.77	11.08	11.91	15.31
NHS SHETLAND	0.59	2.96	6.28	7.75	11.68
NHS TAYSIDE	8.12	10.95	13.74	16.19	27.31
NHS WESTERN ISLES	4.54	8.87	10.46	17.19	23.10
SCOTLAND		9.42	12.03	15.17	

CNS (adverse effects) - NTI

Antimuscarinics: drugs for urinary frequency, enuresis, and incontinence (BNF 4.7.2 excluding duloxetine and mirabegron) DDDs per 1,000 weighted list size per day

Box Plots



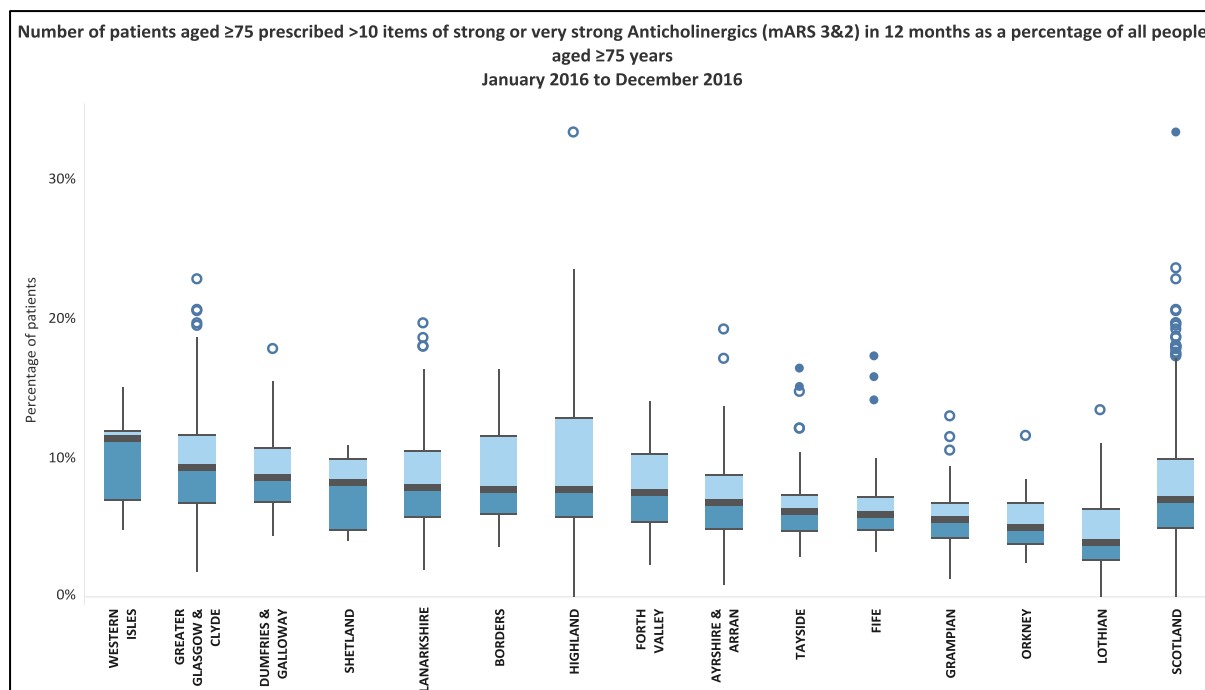
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	6.72	10.66	12.73	14.27	31.77
NHS BORDERS	9.00	11.16	15.49	17.62	24.30
NHS DUMFRIES & GALLOWAY	4.83	8.65	9.44	11.19	18.62
NHS FIFE	6.61	11.47	14.25	16.80	25.14
NHS FORTH VALLEY	3.34	12.14	15.08	17.57	26.38
NHS GRAMPIAN	4.94	11.49	13.36	15.15	23.84
NHS GREATER GLASGOW & CLYDE	2.16	7.89	10.06	12.39	22.15
NHS HIGHLAND	0.00	7.52	10.54	13.40	20.27
NHS LANARKSHIRE	1.88	8.51	10.86	13.10	21.46
NHS LOTHIAN	1.00	11.49	14.26	17.30	22.37
NHS ORKNEY	5.86	8.08	9.83	11.94	15.18
NHS SHETLAND	0.66	3.30	6.95	8.61	13.22
NHS TAYSIDE	8.16	11.90	13.77	16.45	27.81
NHS WESTERN ISLES	3.83	7.16	9.65	14.81	17.52
SCOTLAND		9.23	11.82	14.82	

CNS (adverse effects) - APM

Anticholinergics: number of patients aged ≥ 75 prescribed >10 items of strong or very strong anticholinergics (mARS 3&2) in 12 months as a percentage of all people aged ≥ 75 years

Box Plot



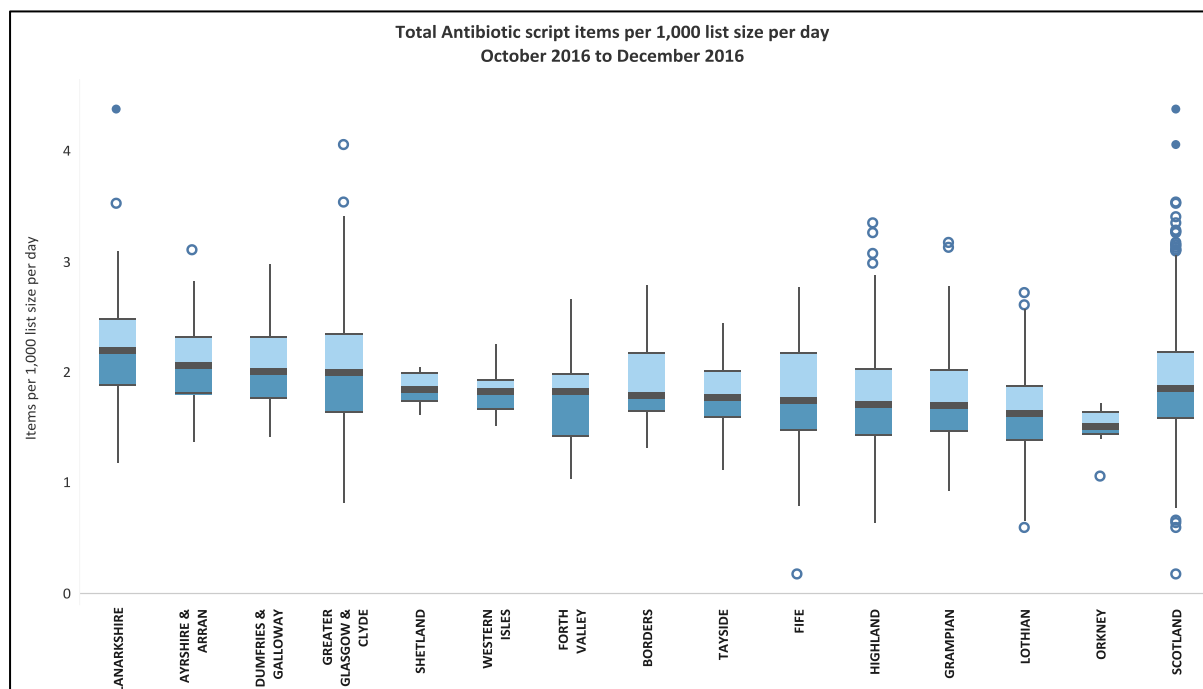
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.86%	4.81%	6.80%	8.69%	19.14%
NHS BORDERS	3.62%	5.92%	7.69%	11.50%	16.36%
NHS DUMFRIES & GALLOWAY	4.43%	6.88%	8.51%	10.30%	17.81%
NHS FIFE	3.28%	4.77%	5.93%	7.07%	17.28%
NHS FORTH VALLEY	2.32%	5.36%	7.46%	10.20%	14.06%
NHS GRAMPIAN	1.37%	4.32%	5.57%	6.67%	12.99%
NHS GREATER GLASGOW & CLYDE	1.91%	6.67%	9.20%	11.59%	22.79%
NHS HIGHLAND	0.00%	5.69%	7.69%	12.83%	33.33%
NHS LANARKSHIRE	1.96%	5.69%	7.86%	10.47%	19.61%
NHS LOTHIAN	0.00%	2.62%	3.92%	6.29%	13.36%
NHS ORKNEY	2.48%	3.78%	4.90%	6.66%	11.54%
NHS SHETLAND	4.05%	5.46%	8.17%	9.71%	10.91%
NHS TAYSIDE	2.89%	4.73%	6.06%	7.30%	16.39%
NHS WESTERN ISLES	4.88%	6.93%	11.30%	11.83%	15.04%
SCOTLAND		4.94%	6.97%	9.87%	

Antibiotics - NTI

Antibiotics: total antibiotic script items per 1,000 list size per day

Box Plot



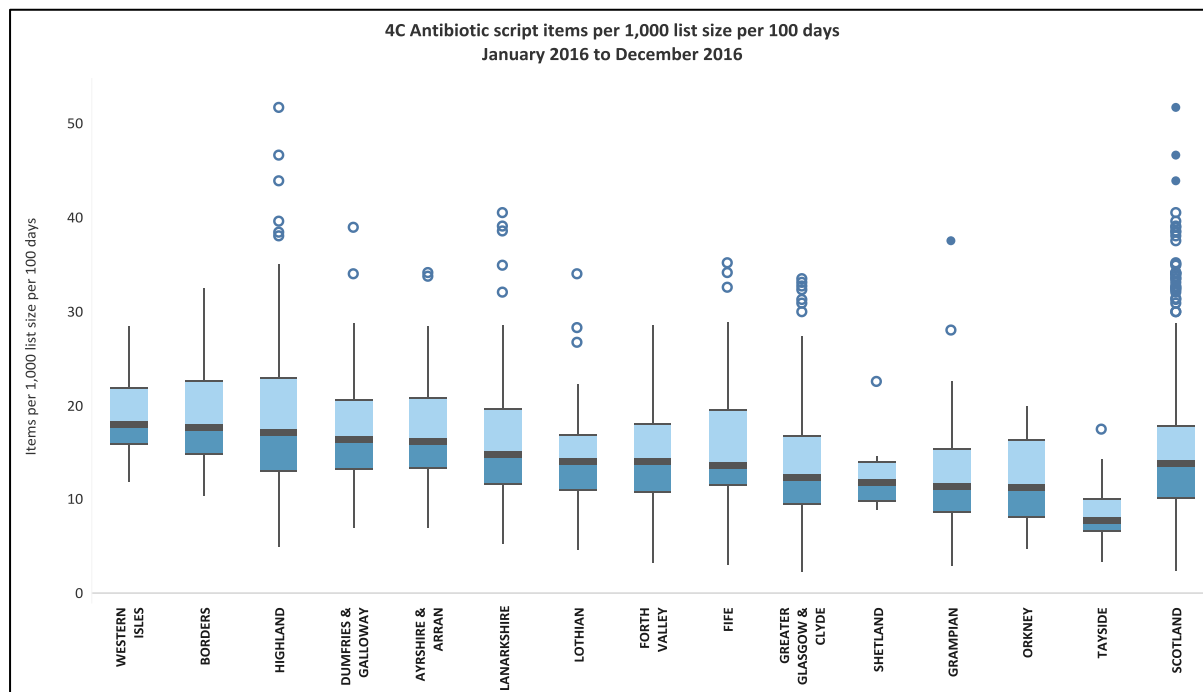
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	1.37	1.80	2.06	2.31	3.10
NHS BORDERS	1.31	1.64	1.77	2.17	2.78
NHS DUMFRIES & GALLOWAY	1.42	1.75	2.00	2.31	2.97
NHS FIFE	0.17	1.47	1.74	2.17	2.76
NHS FORTH VALLEY	1.04	1.42	1.82	1.98	2.66
NHS GRAMPIAN	0.93	1.46	1.69	1.99	3.17
NHS GREATER GLASGOW & CLYDE	0.82	1.63	1.99	2.34	4.05
NHS HIGHLAND	0.64	1.43	1.70	2.01	3.34
NHS LANARKSHIRE	1.19	1.88	2.18	2.48	4.38
NHS LOTHIAN	0.59	1.38	1.63	1.87	2.71
NHS ORKNEY	1.06	1.44	1.50	1.64	1.72
NHS SHETLAND	1.61	1.74	1.84	1.97	2.04
NHS TAYSIDE	1.11	1.60	1.77	1.99	2.44
NHS WESTERN ISLES	1.51	1.66	1.83	1.92	2.25
SCOTLAND		1.58	1.85	2.18	

Antibiotics - NTI

Antibiotics: 4C antibiotics script items per 1,000 list size per 100 days

Box Plot



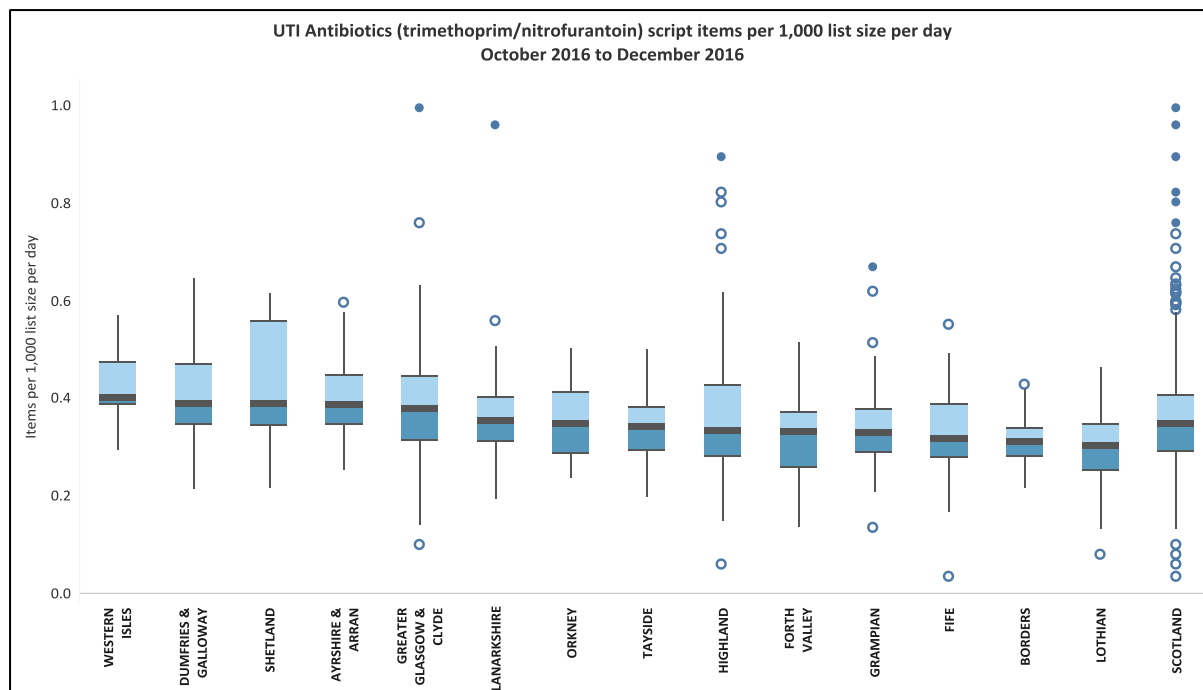
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	6.96	13.33	15.99	20.71	34.05
NHS BORDERS	10.41	14.79	17.66	22.50	32.40
NHS DUMFRIES & GALLOWAY	6.88	13.16	16.36	20.43	38.93
NHS FIFE	3.08	11.51	13.54	19.49	35.17
NHS FORTH VALLEY	3.28	10.75	13.97	17.96	28.59
NHS GRAMPIAN	2.97	8.61	11.35	15.21	37.43
NHS GREATER GLASGOW & CLYDE	2.36	9.52	12.30	16.72	33.45
NHS HIGHLAND	4.98	12.94	17.07	22.73	51.70
NHS LANARKSHIRE	5.19	11.74	14.81	19.47	40.49
NHS LoTHIAN	4.58	10.92	13.98	16.84	33.89
NHS ORKNEY	4.79	8.05	11.29	16.30	19.92
NHS SHETLAND	8.83	9.94	11.76	13.97	22.54
NHS TAYSIDE	3.46	6.62	7.73	9.89	17.47
NHS WESTERN ISLES	11.83	15.78	17.80	21.77	28.36
SCOTLAND		10.05	13.77	17.77	

Antibiotics - NTI

Antibiotics: UTI antibiotics (trimethoprim/nitrofurantoin) script items per 1,000 list size per day

Box Plot



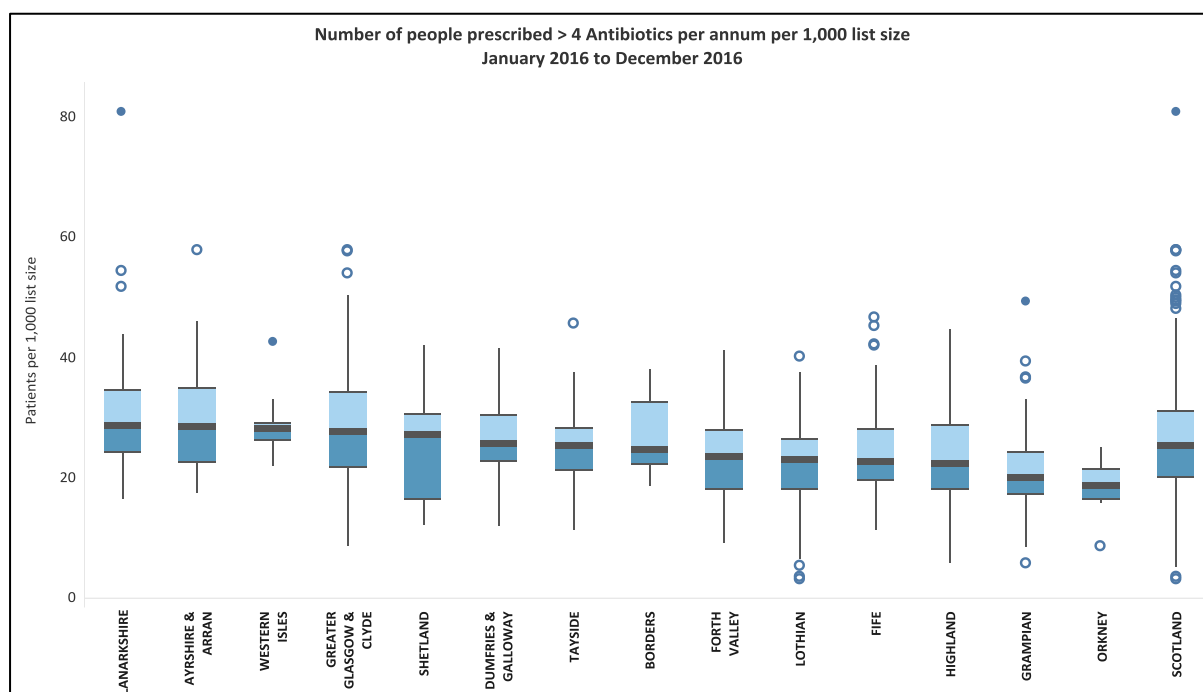
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.25	0.34	0.39	0.45	0.60
NHS BORDERS	0.22	0.28	0.31	0.34	0.43
NHS DUMFRIES & GALLOWAY	0.21	0.35	0.39	0.47	0.65
NHS FIFE	0.03	0.28	0.32	0.39	0.55
NHS FORTH VALLEY	0.14	0.26	0.33	0.37	0.52
NHS GRAMPIAN	0.13	0.29	0.33	0.38	0.67
NHS GREATER GLASGOW & CLYDE	0.10	0.31	0.38	0.44	1.00
NHS HIGHLAND	0.06	0.28	0.33	0.43	0.89
NHS LANARKSHIRE	0.19	0.31	0.35	0.40	0.96
NHS LOTHIAN	0.08	0.25	0.30	0.35	0.46
NHS ORKNEY	0.24	0.29	0.35	0.41	0.50
NHS SHETLAND	0.22	0.35	0.39	0.52	0.61
NHS TAYSIDE	0.20	0.29	0.34	0.38	0.50
NHS WESTERN ISLES	0.30	0.39	0.40	0.47	0.57
SCOTLAND		0.29	0.35	0.41	

Antibiotics - APM

Antibiotics: number of people prescribed > 4 antibiotics per annum per 1,000 list size

Box Plot

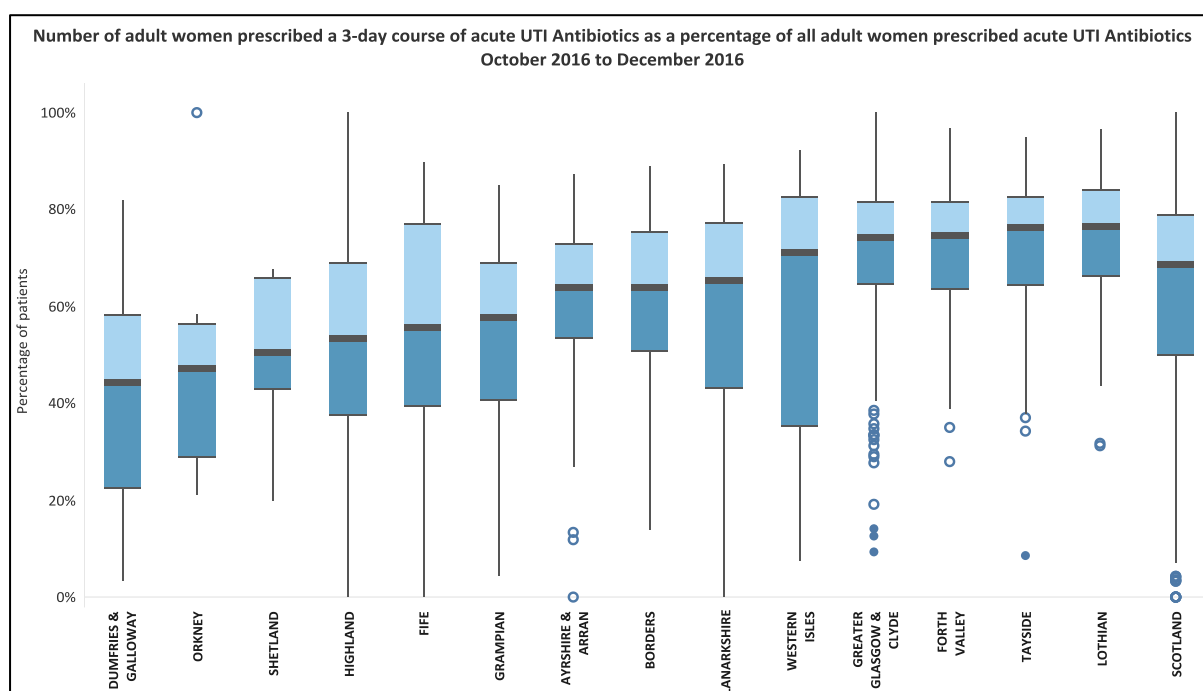


Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	17.41	22.57	28.29	34.59	57.64
NHS BORDERS	18.64	22.09	24.55	32.37	37.99
NHS DUMFRIES & GALLOWAY	11.98	22.69	25.52	30.25	41.45
NHS FIFE	11.29	19.39	22.49	27.87	46.52
NHS FORTH VALLEY	9.09	17.98	23.34	27.74	41.18
NHS GRAMPIAN	5.75	17.31	19.84	24.05	49.20
NHS GREATER GLASGOW & CLYDE	8.64	21.58	27.51	34.13	57.64
NHS HIGHLAND	5.78	17.96	22.26	28.62	44.53
NHS LANARKSHIRE	16.44	24.20	28.57	34.50	80.78
NHS LOTHIAN	3.03	17.92	22.85	26.35	40.07
NHS ORKNEY	8.66	16.37	18.62	21.19	24.83
NHS SHETLAND	12.13	18.52	26.97	29.70	41.88
NHS TAYSIDE	11.27	21.10	25.03	28.10	45.54
NHS WESTERN ISLES	21.93	26.07	28.04	28.99	42.55
SCOTLAND		20.00	25.07	31.01	

Antibiotics - APM

Antibiotics: number of adult women prescribed a 3-day course of acute UTI antibiotics as a percentage of all adult women prescribed acute UTI antibiotics

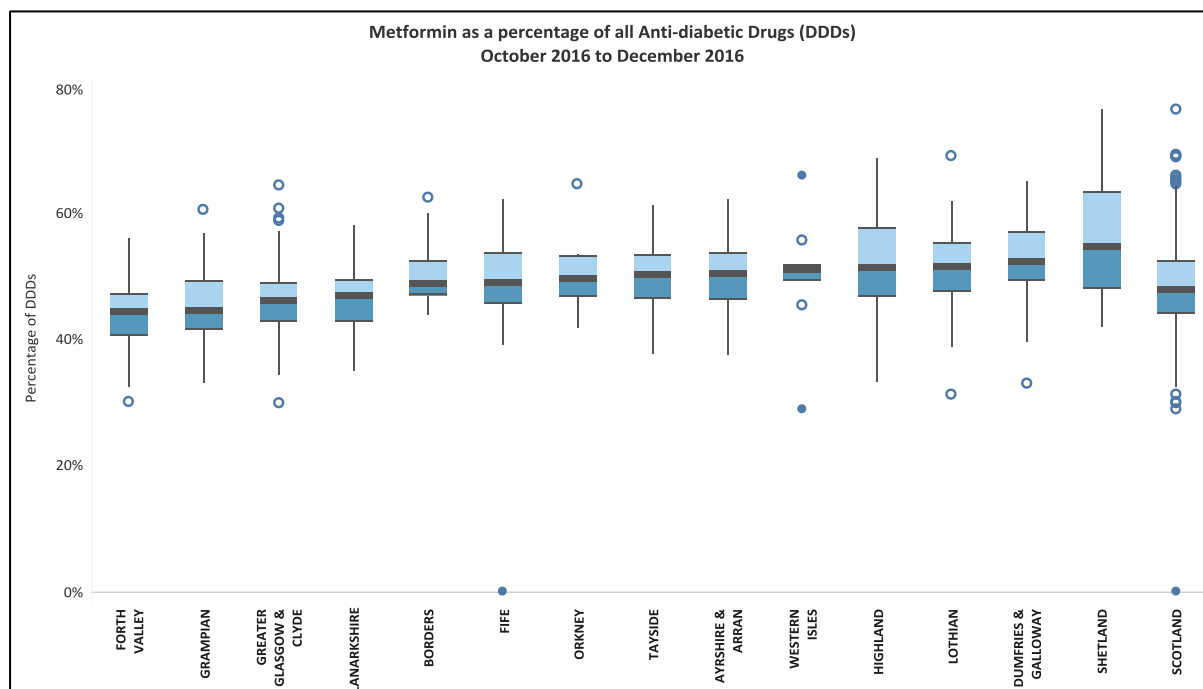


NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	53.43%	63.64%	72.88%	87.50%
NHS BORDERS	13.89%	50.74%	63.69%	75.36%	88.89%
NHS DUMFRIES & GALLOWAY	3.23%	22.31%	44.19%	58.18%	81.82%
NHS FIFE	0.00%	39.39%	55.36%	76.74%	89.58%
NHS FORTH VALLEY	27.78%	63.40%	74.60%	81.48%	96.67%
NHS GRAMPIAN	4.21%	40.58%	57.81%	68.66%	85.00%
NHS GREATER GLASGOW & CLYDE	9.09%	64.67%	74.18%	81.20%	100.00%
NHS HIGHLAND	0.00%	37.94%	53.11%	68.64%	100.00%
NHS LANARKSHIRE	0.00%	43.40%	65.22%	76.88%	89.43%
NHS LOTHIAN	31.17%	66.29%	76.24%	84.00%	96.49%
NHS ORKNEY	21.21%	28.61%	47.22%	56.05%	100.00%
NHS SHETLAND	20.00%	43.39%	50.35%	64.69%	67.78%
NHS TAYSIDE	8.47%	64.24%	76.12%	82.03%	94.95%
NHS WESTERN ISLES	7.69%	35.29%	71.00%	82.35%	92.31%
SCOTLAND		50.00%	68.42%	78.95%	

Antidiabetics - NTI

Antidiabetic Drugs: metformin as percentage of all anti-diabetic drugs (DDDs)

Box Plot



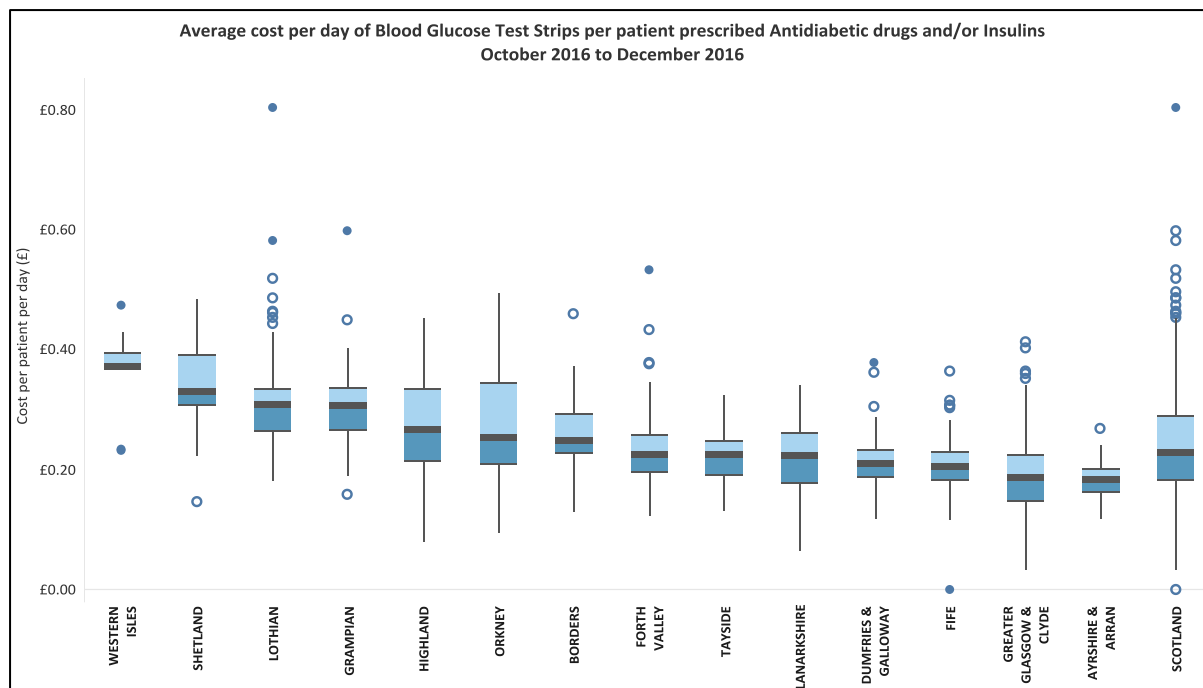
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	37.57%	46.24%	50.26%	53.51%	62.12%
NHS BORDERS	43.92%	46.86%	48.75%	52.11%	62.31%
NHS DUMFRIES & GALLOWAY	32.86%	49.26%	52.27%	56.73%	64.97%
NHS FIFE	0.00%	45.66%	48.83%	53.52%	62.00%
NHS FORTH VALLEY	30.10%	40.63%	44.30%	47.05%	55.79%
NHS GRAMPIAN	32.99%	41.52%	44.39%	48.89%	60.43%
NHS GREATER GLASGOW & CLYDE	29.82%	42.76%	45.98%	48.79%	64.25%
NHS HIGHLAND	33.15%	46.75%	51.29%	57.34%	68.63%
NHS LANARKSHIRE	34.95%	42.77%	46.72%	49.30%	58.07%
NHS LOTHIAN	31.11%	47.46%	51.41%	55.01%	68.90%
NHS ORKNEY	41.77%	46.72%	49.40%	52.90%	64.55%
NHS SHETLAND	41.97%	48.01%	54.44%	62.57%	76.37%
NHS TAYSIDE	37.61%	46.38%	49.96%	53.12%	61.13%
NHS WESTERN ISLES	28.94%	49.25%	50.75%	51.62%	65.90%
SCOTLAND		44.07%	47.77%	52.16%	

Antidiabetics - APM

Self-Monitoring of Blood Glucose (SMBG): average cost per day of blood glucose test strips per patient prescribed antidiabetic drugs and/or insulins

Box Plot



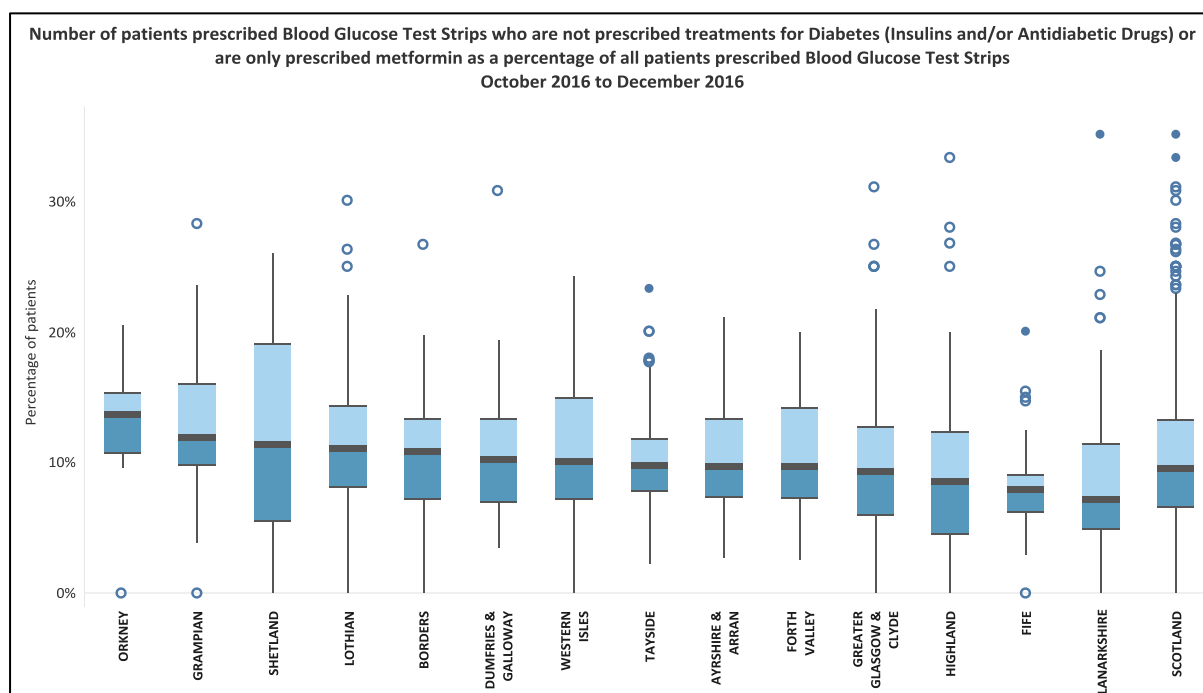
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	£0.12	£0.16	£0.18	£0.20	£0.27
NHS BORDERS	£0.13	£0.23	£0.25	£0.29	£0.46
NHS DUMFRIES & GALLOWAY	£0.12	£0.19	£0.21	£0.23	£0.38
NHS FIFE	£0.00	£0.18	£0.20	£0.23	£0.36
NHS FORTH VALLEY	£0.12	£0.19	£0.22	£0.26	£0.53
NHS GRAMPIAN	£0.16	£0.27	£0.30	£0.34	£0.60
NHS GREATER GLASGOW & CLYDE	£0.03	£0.15	£0.18	£0.22	£0.41
NHS HIGHLAND	£0.08	£0.21	£0.27	£0.33	£0.45
NHS LANARKSHIRE	£0.06	£0.18	£0.22	£0.26	£0.34
NHS LOTHIAN	£0.18	£0.26	£0.31	£0.33	£0.80
NHS ORKNEY	£0.10	£0.21	£0.25	£0.34	£0.50
NHS SHETLAND	£0.15	£0.31	£0.33	£0.39	£0.48
NHS TAYSIDE	£0.13	£0.19	£0.22	£0.25	£0.32
NHS WESTERN ISLES	£0.23	£0.37	£0.37	£0.39	£0.47
SCOTLAND		£0.18	£0.23	£0.29	

Antidiabetics - APM

Self-Monitoring of Blood Glucose (SMBG): number of patients prescribed blood glucose test strips who are not prescribed treatments for diabetes (insulins and/or antidiabetic drugs) or are only prescribed metformin as a percentage of all patients prescribed blood glucose test strips

Box Plot



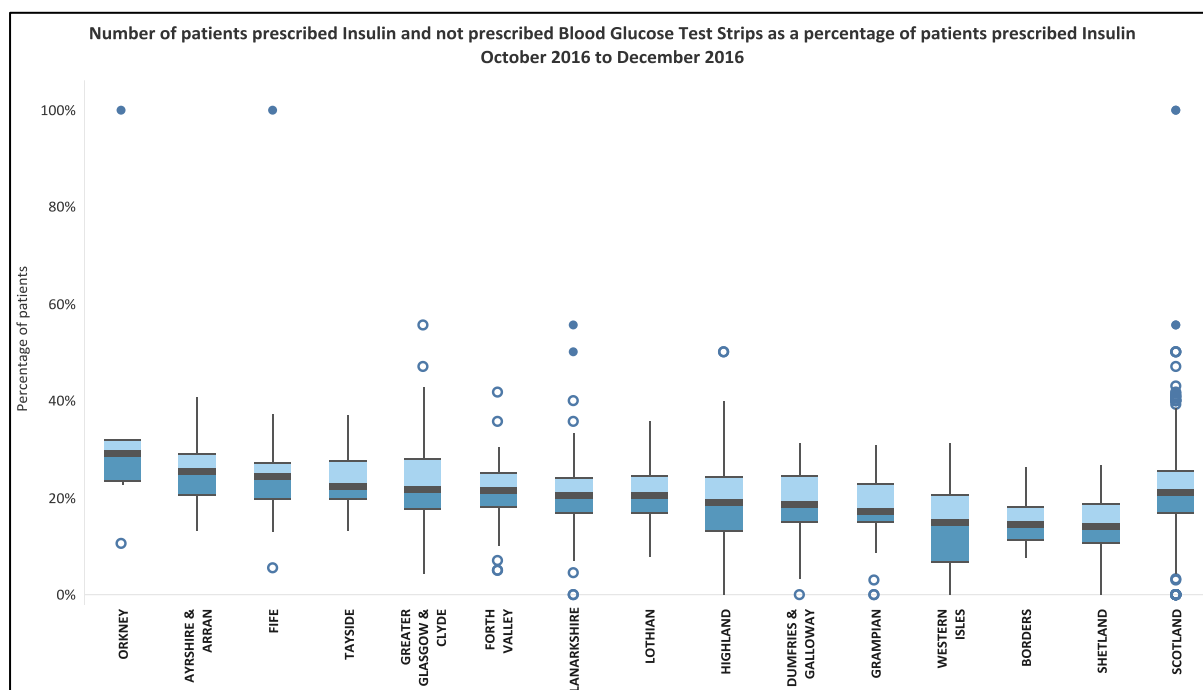
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	2.70%	7.36%	9.71%	13.35%	21.05%
NHS BORDERS	0.00%	7.14%	10.81%	13.33%	26.67%
NHS DUMFRIES & GALLOWAY	3.45%	6.94%	10.26%	13.33%	30.77%
NHS FIFE	0.00%	6.25%	7.94%	8.99%	20.00%
NHS FORTH VALLEY	2.56%	7.27%	9.68%	14.14%	20.00%
NHS GRAMPIAN	0.00%	9.80%	11.94%	15.93%	28.24%
NHS GREATER GLASGOW & CLYDE	0.00%	5.88%	9.28%	12.63%	31.08%
NHS HIGHLAND	0.00%	4.55%	8.50%	12.25%	33.33%
NHS LANARKSHIRE	0.00%	4.88%	7.18%	11.29%	35.12%
NHS LOTHIAN	0.00%	8.04%	11.11%	14.29%	30.00%
NHS ORKNEY	0.00%	10.66%	13.56%	15.25%	20.51%
NHS SHETLAND	0.00%	5.77%	11.31%	18.34%	26.09%
NHS TAYSIDE	2.25%	7.82%	9.77%	11.66%	23.29%
NHS WESTERN ISLES	0.00%	7.14%	10.00%	14.89%	24.24%
SCOTLAND		6.56%	9.52%	13.21%	

Antidiabetics - APM

Self-Monitoring of Blood Glucose (SMBG): number of patients prescribed insulin not prescribed blood glucose test strips as a percentage of patients prescribed insulin

Box Plot



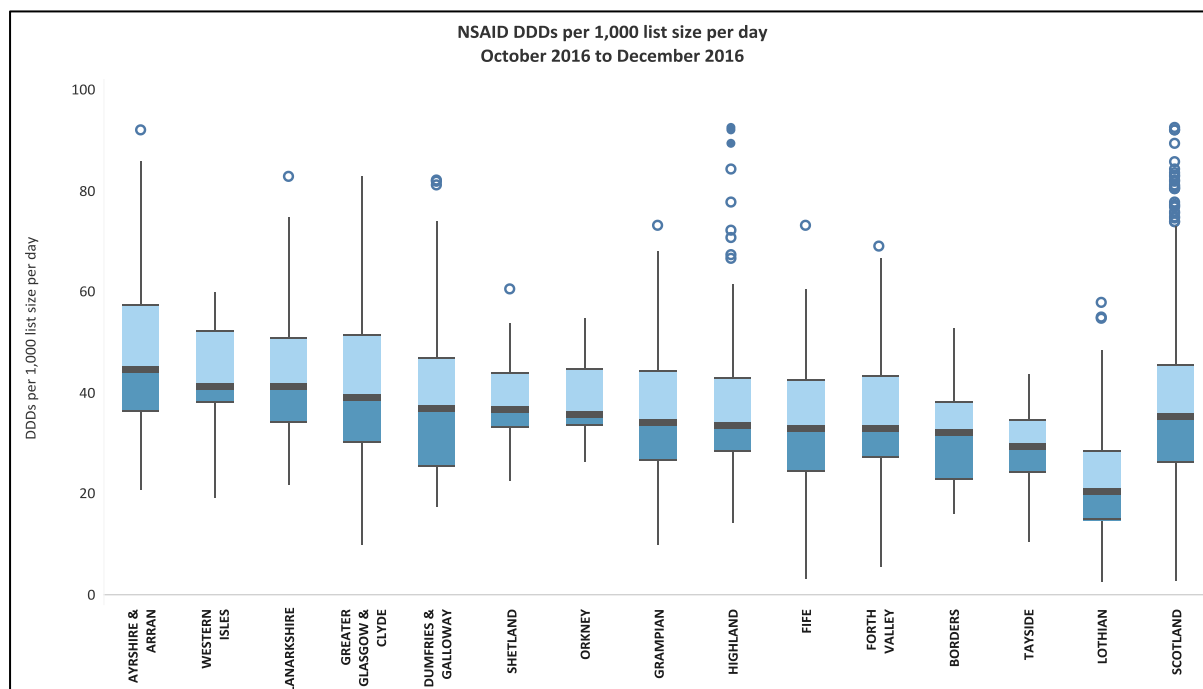
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	13.24%	20.50%	25.32%	28.89%	40.91%
NHS BORDERS	7.69%	11.01%	14.29%	17.91%	26.09%
NHS DUMFRIES & GALLOWAY	0.00%	15.00%	18.28%	24.44%	31.25%
NHS FIFE	5.56%	19.78%	24.07%	27.03%	100.00%
NHS FORTH VALLEY	5.00%	17.91%	21.31%	25.00%	41.67%
NHS GRAMPIAN	0.00%	15.02%	17.26%	22.40%	30.77%
NHS GREATER GLASGOW & CLYDE	4.35%	17.65%	21.70%	27.93%	55.56%
NHS HIGHLAND	0.00%	13.12%	18.79%	24.06%	50.00%
NHS LANARKSHIRE	0.00%	16.60%	20.50%	23.89%	55.56%
NHS LOTHIAN	7.89%	16.67%	20.37%	24.32%	35.71%
NHS ORKNEY	10.53%	23.47%	29.03%	31.62%	100.00%
NHS SHETLAND	0.00%	10.79%	13.89%	18.23%	26.67%
NHS TAYSIDE	13.04%	19.71%	22.12%	27.37%	37.04%
NHS WESTERN ISLES	0.00%	6.67%	14.86%	20.48%	31.25%
SCOTLAND		16.67%	20.83%	25.53%	

Musculoskeletal - NTI

NSAIDs: DDDs per 1,000 list size per day

Box Plot



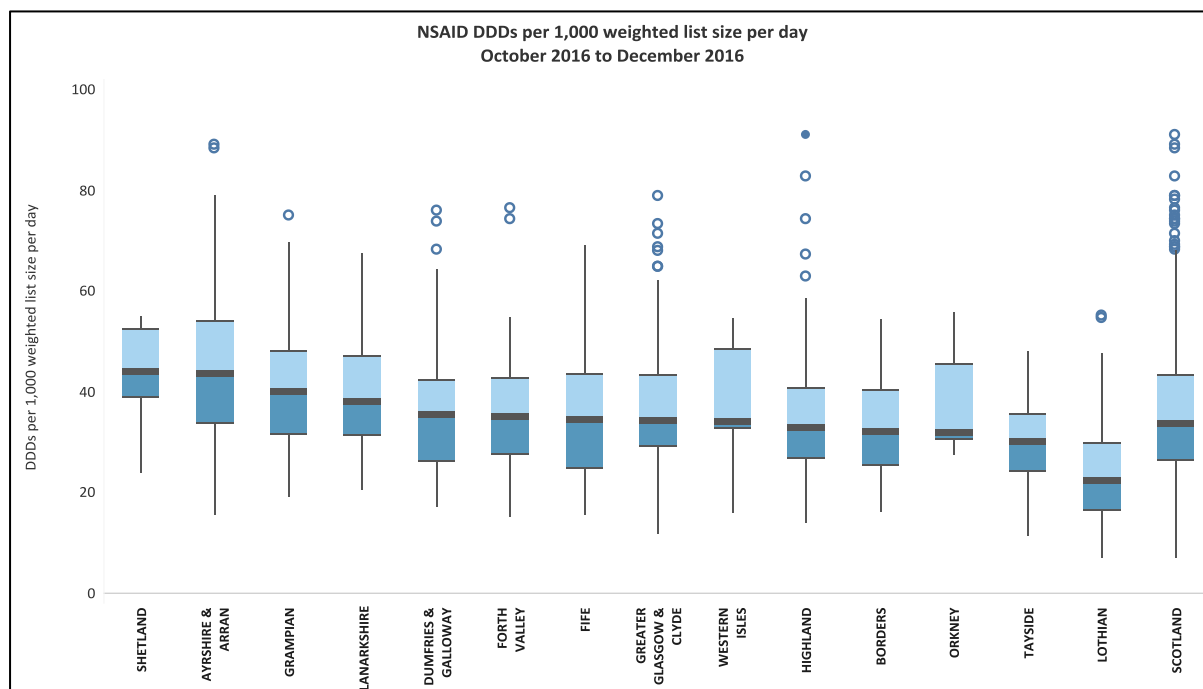
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	20.76	36.19	44.59	57.04	91.94
NHS BORDERS	15.88	22.68	31.89	38.06	52.78
NHS DUMFRIES & GALLOWAY	17.43	25.31	36.68	46.75	81.89
NHS FIFE	3.10	24.39	32.77	42.30	72.94
NHS FORTH VALLEY	5.64	27.03	32.70	42.98	68.83
NHS GRAMPIAN	9.82	26.72	33.93	44.00	72.98
NHS GREATER GLASGOW & CLYDE	9.92	29.92	38.95	51.23	82.90
NHS HIGHLAND	14.24	28.31	33.32	42.53	92.49
NHS LANARKSHIRE	21.74	34.11	41.13	50.58	82.65
NHS LOTHIAN	2.67	14.69	20.30	28.33	57.82
NHS ORKNEY	26.42	33.49	35.50	44.51	54.80
NHS SHETLAND	22.46	33.64	36.60	43.65	60.41
NHS TAYSIDE	10.24	24.25	29.22	34.23	43.68
NHS WESTERN ISLES	19.00	37.96	41.20	52.12	59.90
SCOTLAND		26.20	35.02	45.14	

Musculoskeletal - NTI

NSAIDs: DDDs per 1,000 weighted list size per day

Box Plot



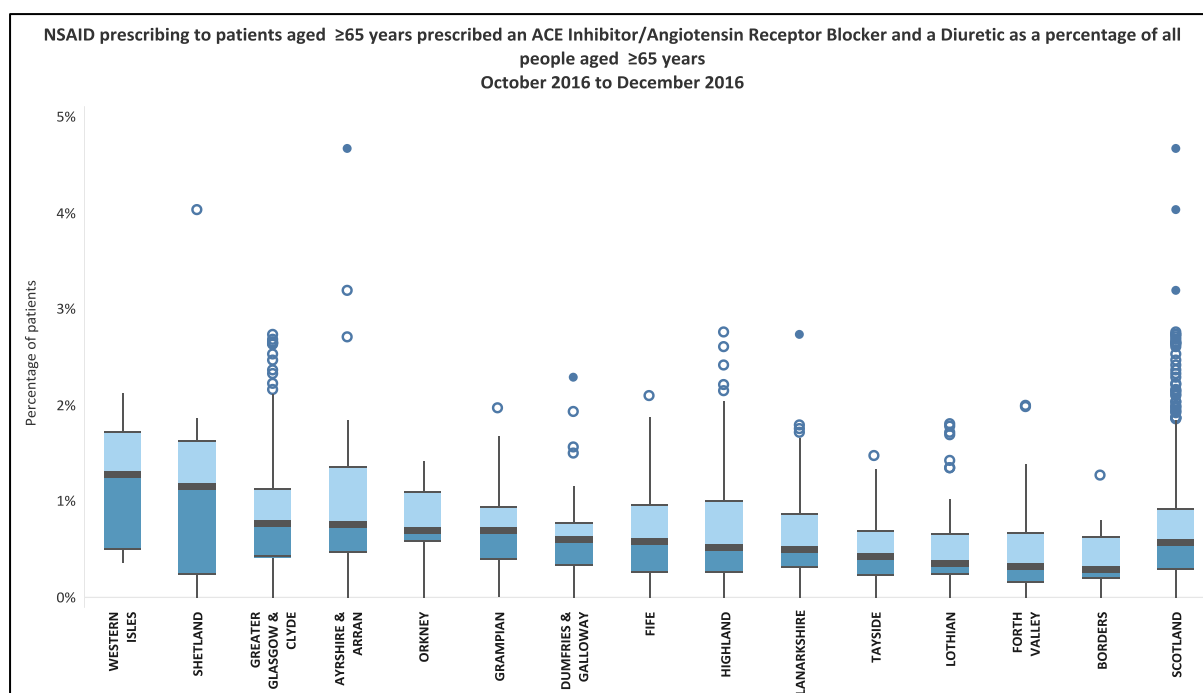
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	15.54	33.61	43.62	54.07	89.08
NHS BORDERS	16.17	25.40	31.88	40.30	54.60
NHS DUMFRIES & GALLOWAY	17.18	26.05	35.38	42.00	75.85
NHS FIFE	15.47	24.92	34.47	43.34	69.07
NHS FORTH VALLEY	15.22	27.69	34.82	42.70	76.43
NHS GRAMPIAN	19.03	31.51	39.82	47.66	74.95
NHS GREATER GLASGOW & CLYDE	11.77	28.96	34.01	43.03	78.96
NHS HIGHLAND	13.93	26.57	32.68	40.62	91.03
NHS LANARKSHIRE	20.47	31.12	38.00	46.97	67.51
NHS LOTHIAN	6.95	16.47	22.17	29.82	55.13
NHS ORKNEY	27.34	30.45	31.59	45.34	55.61
NHS SHETLAND	23.99	38.95	43.70	50.90	55.02
NHS TAYSIDE	11.29	24.25	30.02	35.10	47.83
NHS WESTERN ISLES	16.01	32.66	33.86	48.38	54.55
SCOTLAND		26.25	33.70	43.02	

Musculoskeletal – APM

NSAIDs: NSAID prescribing to patients aged ≥65 years prescribed an ACE inhibitor/angiotensin receptor blocker and a diuretic as a percentage of all people aged ≥65 years

Box Plot



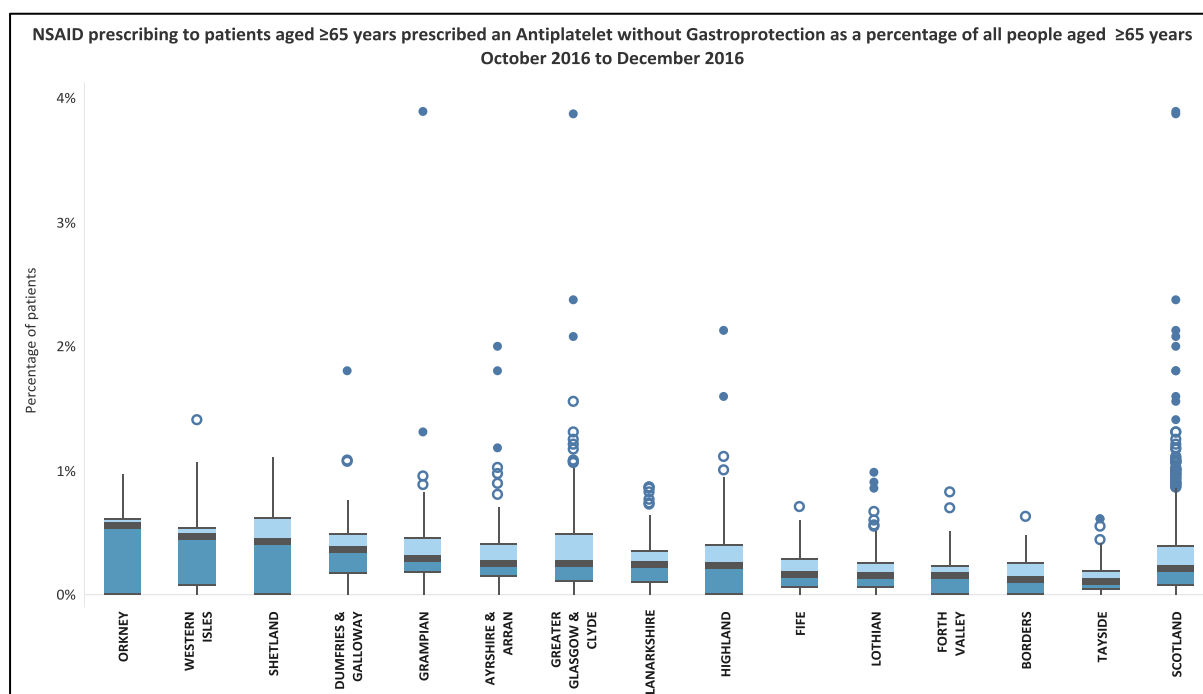
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	0.47%	0.75%	1.35%	4.67%
NHS BORDERS	0.00%	0.20%	0.28%	0.62%	1.26%
NHS DUMFRIES & GALLOWAY	0.00%	0.33%	0.59%	0.76%	2.28%
NHS FIFE	0.00%	0.26%	0.58%	0.96%	2.10%
NHS FORTH VALLEY	0.00%	0.15%	0.32%	0.66%	1.99%
NHS GRAMPIAN	0.00%	0.40%	0.68%	0.92%	1.96%
NHS GREATER GLASGOW & CLYDE	0.00%	0.43%	0.77%	1.11%	2.73%
NHS HIGHLAND	0.00%	0.27%	0.51%	0.96%	2.75%
NHS LANARKSHIRE	0.00%	0.31%	0.50%	0.86%	2.72%
NHS LOTHIAN	0.00%	0.25%	0.35%	0.66%	1.80%
NHS ORKNEY	0.00%	0.58%	0.69%	1.09%	1.42%
NHS SHETLAND	0.00%	0.31%	1.15%	1.56%	4.03%
NHS TAYSIDE	0.00%	0.23%	0.42%	0.66%	1.46%
NHS WESTERN ISLES	0.35%	0.50%	1.27%	1.72%	2.13%
SCOTLAND		0.30%	0.55%	0.92%	

Musculoskeletal – APM

NSAIDs: NSAID prescribing to patients aged ≥65 years prescribed an antiplatelet without gastroprotection as a percentage of all people aged ≥65 years

Box Plot



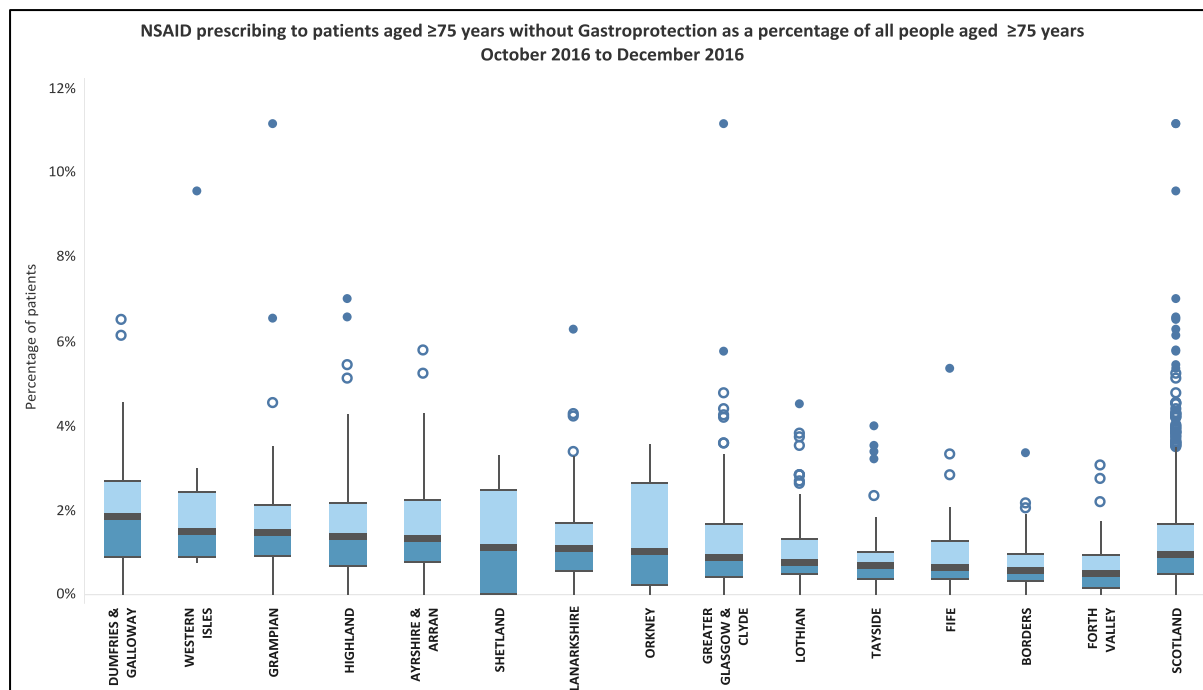
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	0.15%	0.25%	0.41%	2.00%
NHS BORDERS	0.00%	0.00%	0.12%	0.25%	0.63%
NHS DUMFRIES & GALLOWAY	0.00%	0.16%	0.36%	0.48%	1.79%
NHS FIFE	0.00%	0.06%	0.16%	0.28%	0.70%
NHS FORTH VALLEY	0.00%	0.00%	0.15%	0.23%	0.83%
NHS GRAMPIAN	0.00%	0.18%	0.29%	0.45%	3.90%
NHS GREATER GLASGOW & CLYDE	0.00%	0.11%	0.25%	0.48%	3.87%
NHS HIGHLAND	0.00%	0.00%	0.23%	0.39%	2.13%
NHS LANARKSHIRE	0.00%	0.10%	0.24%	0.34%	0.86%
NHS Lothian	0.00%	0.06%	0.15%	0.25%	0.98%
NHS ORKNEY	0.00%	0.00%	0.55%	0.60%	0.96%
NHS SHETLAND	0.00%	0.08%	0.42%	0.53%	1.40%
NHS TAYSIDE	0.00%	0.05%	0.10%	0.18%	0.61%
NHS WESTERN ISLES	0.00%	0.07%	0.46%	0.53%	1.40%
SCOTLAND		0.07%	0.21%	0.38%	

Musculoskeletal – APM

NSAIDs: NSAID prescribing to patients aged ≥75 years without gastroprotection as a percentage of all people aged ≥75 years

Box Plot



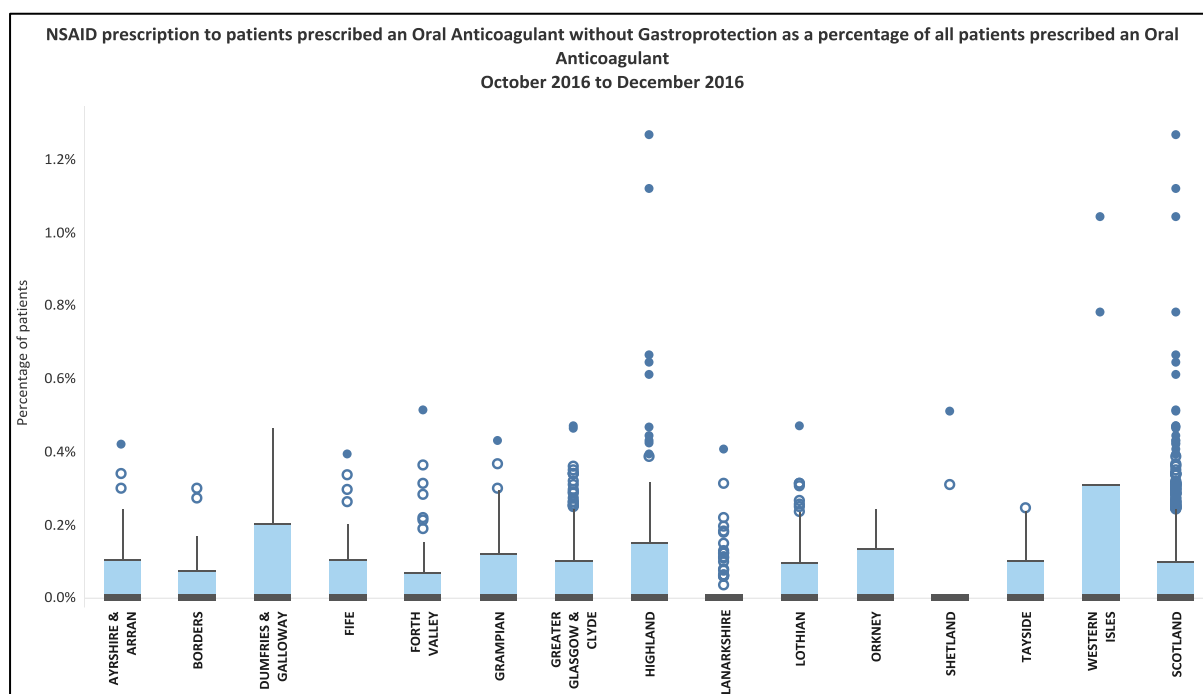
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	0.74%	1.29%	2.23%	5.78%
NHS BORDERS	0.00%	0.31%	0.55%	0.96%	3.33%
NHS DUMFRIES & GALLOWAY	0.00%	0.86%	1.83%	2.66%	6.49%
NHS FIFE	0.00%	0.34%	0.63%	1.23%	5.34%
NHS FORTH VALLEY	0.00%	0.15%	0.49%	0.94%	3.05%
NHS GRAMPIAN	0.00%	0.90%	1.45%	2.11%	11.11%
NHS GREATER GLASGOW & CLYDE	0.00%	0.40%	0.87%	1.64%	11.11%
NHS HIGHLAND	0.00%	0.67%	1.35%	2.12%	6.98%
NHS LANARKSHIRE	0.00%	0.56%	1.06%	1.67%	6.25%
NHS LOTHIAN	0.00%	0.46%	0.74%	1.30%	4.49%
NHS ORKNEY	0.00%	0.20%	1.02%	2.62%	3.55%
NHS SHETLAND	0.00%	0.11%	1.10%	2.33%	3.29%
NHS TAYSIDE	0.00%	0.35%	0.67%	0.98%	3.98%
NHS WESTERN ISLES	0.76%	0.87%	1.47%	2.40%	9.52%
SCOTLAND		0.45%	0.93%	1.66%	

Musculoskeletal – APM

NSAIDs: NSAID prescription to patients prescribed an oral anticoagulant without gastroprotection as a percentage of all patients prescribed an oral anticoagulant

Box Plot



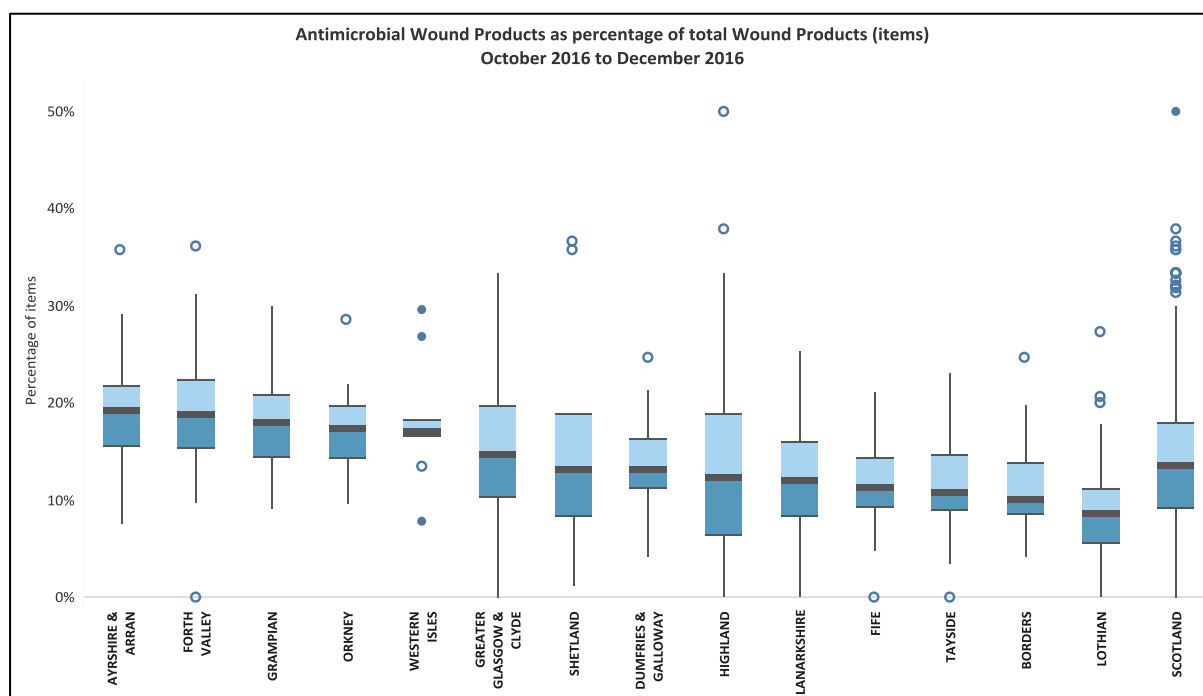
Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	0.00%	0.00%	0.00%	0.10%	0.42%
NHS BORDERS	0.00%	0.00%	0.00%	0.07%	0.30%
NHS DUMFRIES & GALLOWAY	0.00%	0.00%	0.00%	0.20%	0.46%
NHS FIFE	0.00%	0.00%	0.00%	0.10%	0.39%
NHS FORTH VALLEY	0.00%	0.00%	0.00%	0.07%	0.51%
NHS GRAMPIAN	0.00%	0.00%	0.00%	0.12%	0.43%
NHS GREATER GLASGOW & CLYDE	0.00%	0.00%	0.00%	0.10%	0.47%
NHS HIGHLAND	0.00%	0.00%	0.00%	0.15%	1.27%
NHS LANARKSHIRE	0.00%	0.00%	0.00%	0.00%	0.40%
NHS LOTHIAN	0.00%	0.00%	0.00%	0.09%	0.47%
NHS ORKNEY	0.00%	0.00%	0.00%	0.13%	0.24%
NHS SHETLAND	0.00%	0.00%	0.00%	0.00%	0.51%
NHS TAYSIDE	0.00%	0.00%	0.00%	0.10%	0.24%
NHS WESTERN ISLES	0.00%	0.00%	0.00%	0.30%	1.04%
SCOTLAND		0.00%	0.00%	0.10%	

Wound Management - NTI

Antimicrobial Wound Products: antimicrobial wound products as percentage of total wound products (items)

Box Plot



Table

NHS Board	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
NHS AYRSHIRE & ARRAN	7.61%	15.45%	19.21%	21.72%	35.71%
NHS BORDERS	4.17%	8.44%	9.95%	13.71%	24.68%
NHS DUMFRIES & GALLOWAY	4.17%	11.21%	13.13%	16.20%	24.62%
NHS FIFE	0.00%	9.17%	11.26%	14.19%	21.05%
NHS FORTH VALLEY	0.00%	15.19%	18.75%	22.27%	36.07%
NHS GRAMPIAN	9.02%	14.40%	17.93%	20.68%	30.00%
NHS GREATER GLASGOW & CLYDE	0.00%	10.24%	14.58%	19.55%	33.33%
NHS HIGHLAND	0.00%	6.35%	12.16%	18.68%	50.00%
NHS LANARKSHIRE	0.00%	8.52%	11.97%	15.80%	25.29%
NHS LOTHIAN	0.00%	5.56%	8.57%	11.11%	27.27%
NHS ORKNEY	9.52%	14.19%	17.20%	19.71%	28.57%
NHS SHETLAND	1.14%	8.42%	13.15%	18.61%	36.54%
NHS TAYSIDE	0.00%	8.90%	10.73%	14.60%	23.02%
NHS WESTERN ISLES	7.69%	16.54%	16.99%	18.15%	29.58%
SCOTLAND		9.09%	13.52%	17.86%	