

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 Strength Corticosteroid Inhalers: high dose corticosteroid inhalers as a percentage of all corticosteroid inhalers (items) (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 prescribed (DDD)	↑
	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 1,000 LS per 100 days	↓
	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 (DDD)	↑	SMBG: average cost per day of blood glucose test strips per patient prescribed antidiabetic drugs and/or insulins	↓

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			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 measure will be reported in the analysis for this NTI		change in indicator /
Respiratory	High strength 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)	↓

†† 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 ≥ 60mg per day of morphine as a % of all patients prescribed step 2 and strong opioids		↓↑

These NTIs/APMs from 2016-17 have been removed

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