

Temporal and geographical variation in low carbon inhaler dispensing in England

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The categorisation of inhalers into pharmacological classes, pMDIs and low carbon inhalers.

Pharmacological class	Generic drugs included in pharmacological class	Product formats categorised as pressurised metered dose inhalers¹	Product formats categorised as low carbon inhalers¹
Short-acting beta-agonists (SABA)	Salbutamol Terbutaline	Airomir Airomir Autohaler AirSalb Salamol Easi-Breathe inhaler Salamol inhaler Salbutamol breath actuated inhaler Salbutamol breath actuated inhaler CFC free Salbutamol inhaler Salbutamol inhaler CFC free Ventolin Evohaler	Bricanyl Turbohaler Easyhaler salbutamol sulfate Pulvinal salbutamol Salbulin Novolizer Salbutamol dry powder inhalation cartridge Salbutamol dry powder inhaler Terbutaline dry powder inhaler Ventolin Accuhaler
Long-acting beta-agonists (LABA)	Formoterol Indacaterol Olodaterol Salmeterol	Atimos Modulite Formoterol inhaler CFC free Neovent Salmeterol inhaler Salmeterol inhaler CFC free Serevent Evohaler Serevent inhaler Soltel CFC free Vertine CFC free	Foradil Formoterol dry powder inhaler Formoterol Easyhaler Formoterol inhalation powder capsules Indacaterol inhalation powder capsules Olodaterol solution for inhalation Onbrez Oxis Turbohaler Salmeterol dry powder inhaler Salmeterol inhalation powder blisters Serevent Accuhaler Striverdi

Pharmacological class	Generic drugs included in pharmacological class	Product formats categorised as pressurised metered dose inhalers¹	Product formats categorised as low carbon inhalers¹
Inhaled corticosteroids (ICS)	Beclometasone Budesonide Ciclesonide Fluticasone propionate Mometasone	Aerobec Autohaler Alvesco Beclazone Beclometasone breath actuated inhaler Beclometasone breath actuated inhaler CFC free Beclometasone inhaler Beclometasone inhaler CFC free Becotide Budesonide inhaler Budesonide inhaler CFC free Ciclesonide inhaler CFC free Clenil Modulite inhaler Flixotide Evohaler Fluticasone inhaler CFC free Kelhale Qvar Autohaler Qvar inhaler Qvar Easi-Breathe inhaler Soprobec inhaler	Asmanex Beclometasone dry powder inhaler Becodisks Budelin Novolizer Budesonide dry powder inhaler Budesonide dry powder inhalation cartridge Easyhaler Beclometasone Easyhaler Budesonide Flixotide Accuhaler Fluticasone propionate dry powder inhaler Mometasone dry powder inhaler Pulmicort Turbohaler

Pharmacological class	Generic drugs included in pharmacological class	Product formats categorised as pressurised metered dose inhalers¹	Product formats categorised as low carbon inhalers¹
ICS+LABA combination	Beclometasone and formoterol Budesonide and formoterol Fluticasone furoate and vilanterol Fluticasone propionate and formoterol Fluticasone propionate and salmeterol Mometasone and indacaterol	AirFluSal Aloflute Beclometasone and formoterol inhaler CFC free Budesonide and formoterol inhaler CFC free Combisal Fluticasone and formoterol breath actuated inhaler CFC free Fluticasone and formoterol inhaler CFC free Fluticasone and salmeterol inhaler CFC free Flutiform Flutiform K-haler Fostair inhaler Sereflo Seretide Evohaler Sirdupla Symbicort pressurised inhaler	Aerivio AirFluSal Forspiro dry powder inhaler Beclometasone and formoterol dry powder inhaler Budesonide and formoterol dry powder inhaler DuoResp Spiromax Fluticasone propionate and salmeterol dry powder inhaler Fluticasone furoate and vilanterol Fobumix Easyhaler Fostair NEXThaler Fusacomb Easyhaler Indacaterol and mometasone powder capsules Relvar Ellipta Seretide Accuhaler Stalpex Symbicort Turbohaler
ICS+LABA+LAMA (long-acting muscarinic antagonist) combination	Beclometasone, formoterol and glycopyrronium Budesonide, formoterol and glycopyrronium Fluticasone furoate, vilanterol and umeclidinium Mometasone, indacaterol and glycopyrronium	Trimbow ² Trixeo	Energair Trelegy

¹Unless stated, the listed descriptions include products of all doses that meet the description

²Trimbow NEXThaler was launched after the study period.