

## Appendix 1: Definitions and frequencies of new products by category, 1982 to 2011.

Category		No. (%)	Definition
New drugs & biologics	NCEs	589 (21.1)	a) Appears in BNF for the first time <u>and</u> b) confirmed as being launched in the UK for the first time that year, or defined as NCE on commercial pharmaceutical databases. Includes new drug substances intended for therapeutic use; diagnostic agents are excluded (see 'Diagnostic products' below. <b>May include new isomers of existing drugs.</b>
	New biologics	127 (4.6)	Appears in BNF for the first time. Includes biologic drugs; blood products; vaccines e.g. first appearance for a particular disease; different strain of existing vaccine; new preparation technique for existing vaccine; and insulins e.g. new source of insulin; new type; new preparation technique.
Existing drugs & biologics	New salts/esters	31 (1.1)	Appears in BNF for the first time in that form, where previous forms of the compound have already been entered.
	Existing compounds	1,622 (58.2)	A drug substance that a) already appears in an earlier edition of the BNF, <u>or</u> b) is defined as <i>not</i> being a new chemical entity on commercial pharmaceutical databases at date of first launch.
	Existing biologics	217 (7.8)	Appears in earlier edition of BNF. Includes combinations of existing vaccines; and combinations of existing types of insulin.
Other substances	Nutraceuticals & medical foods	135 (4.8)	Includes vitamins, dietary supplements, foods for special diets, nutritionally complete or incomplete formulas for intravenous nutrition, and oral rehydration products.
	Natural products	22 (0.8)	A substance that occurs naturally and has not been chemically manipulated – although mechanical manipulation may have taken place.
	Devices	34 (1.2)	E.g. spacer devices, bandages. These have not been separated into new and existing technologies, as genuine innovation is more difficult to define with devices.
	Diagnostic products	4 (0.1)	E.g. tests for helicobacter pylori. These are products used for the detection and/or diagnosis of diseases rather than therapeutically. <b>Does not include imaging agents as they do not appear in the BNF.</b>
	Uncoded	7 (0.3)	An entry where no specific substances (active or otherwise) have been named, e.g. 'cleansing solution'.