Eurostat, 08/04/2019

ENGLISH **Information note:** Information on the new structure of disseminated CIS 2016 tables and the mapping of codes (published in February 2019)

FRANCAIS **Note d'information:** Informations sur la nouvelle structure de tableaux CIS 2016 publies et la correspondance des codes (publie en février 2019)

DEUTSCH **Hinweis:** Information zur neuen Struktur der veröffentlichten CIS 2016 Tabellen und Entsprechung der Codes (veröffentlicht im Februar 2019)

Changes in the structure of disseminated tables
in respective results of the Community Innovation Survey 2016 (CIS2016) (inn_cis10)

Old disseminated table code	Old table title	New disseminated table codes for CIS2016	New table title for CIS2016	*Page*
inn_cis_bas	Basic economic information on the enterprises	**inn_cis10_bas**	Basic economic information on the enterprises by NACE Rev. 2 activity and size class	*on page 2*
		inn_cis10_educ	Enterprises by percentage of employees with university education, by NACE Rev. 2 activity and size class	*on page 4*
inn_cis_coop	Types of co-operation of the enterprises	**inn_cis10_coop**	Product and/or process innovative enterprises engaged in co-operation by co-operation partner, NACE Rev. 2 activity and size class	*on page 8*
inn_cis_gen	General information on the enterprises	**inn_cis10_gen**	Enterprise by administrative state of the enterprise, NACE Rev. 2 activity and size class	*on page 2*
		inn_cis10_mrk	Enterprise by place where goods and/or services are sold, and place of largest market in terms of turnover, by NACE Rev. 2 activity and size class	*on page 5*
inn_cis_exp	Innovation activities and expenditures in the enterprises	**inn_cis10_iact**	Product and/or process innovative enterprises by type of innovation activity, NACE Rev. 2 activity and size class	*on page 6*
		inn_cis10_exp	Expenditures in product and/or process innovative enterprises by area of expenditure, NACE Rev. 2 activity and size class	*on page 7*
inn_cis_pub	Public funding for innovation activities	**inn_cis10_pub**	Product and/or process innovative enterprises that received public funding for innovation activities by source of founding, NACE Rev. 2 activity and size class	*on page 10*
inn_cis_strat	Strategies of innovative and non-innovative enterprises - as highly important and not relevant	**inn_cis10_strat**	Innovative and non-innovative enterprises by type of business strategy applied, importance of the strategy, NACE Rev. 2 activity and size class	*on page 11*
inn_cis_type	Enterprises by main types of innovation	**inn_cis10_type**	Enterprises by NACE Rev. 2 activity and size class	*on page 3*
inn_cis_spec	Enterprises by specific types of innovation	**inn_cis10_spec**	Enterprises that introduced innovation of specific types by type of the innovation, NACE Rev. 2 activity and size class	*on page 12*
inn_cis_prod	Product and process innovative enterprises	**inn_cis10_prod**	Product and process innovative enterprises which introduced innovation by type of innovation, innovation developer, NACE Rev.2 activity and size class	*on page 13*
		inn_cis10_prodn	Product innovative enterprises that have introduced new or significantly improved products by NACE Rev. 2 activity and size class	*on page 15*
		inn_cis10_prodt	Turnover of product innovative enterprises from new or significantly improved products, by NACE Rev. 2 activity and size class	*on page 15*
inn_cis_mo	Organisational and marketing innovation in product and process innovative enterprises	**inn_cis10_mo**	Product and/or process innovative enterprises that have introduced organisational and/or marketing innovation by type of innovation, NACE Rev. 2 activity and size class	*on page 15*
inn_cis_ham	Hampered innovation activities	**inn_cis10_ham**	Innovative enterprises by hampering factor for innovation activities, level of importance of the hampering factor, NACE Rev. 2 activity and size class	*on page 16*
inn_cis_sou	Sources of information for enterprises	**inn_cis10_sou**	Product and/or process innovative enterprises which used information for their innovation activities, by source of information, level of importance of the source, NACE Rev. 2 activity and size class	*on page 8*
inn_cis_ipr	Intellectual property rights and licensing in the enterprise	**inn_cis10_ipr**	Enterprises by intellectual property rights (IPRs) and licensing in the enterprise, NACE Rev. 2 activity and size class	*on page 7*
inn_cis_noin	Importance of the reasons to not innovate and of the barriers to innovation in the enterprises	**inn_cis10_noin**	Non- innovative enterprises by barrier against innovation activities, level of importance of the barrier, NACE Rev. 2 activity and size class	*on page 17*
	New for CIS 2016	**inn_cis10_legist**	Innovative enterprises whose innovation activities have been affected by legislation or regulations by subject of the regulation/legislation, type of effect, NACE Rev. 2 activity and size class	*on page 19*
	New for CIS 2016	**inn_cis10_legis**	Innovative enterprises whose innovation activities have been affected, or not affected, by legislation or regulations, by type of effect, NACE Rev.2 activity and size class	*on page 21*
	New for CIS 2016	**inn_cis10_login**	Enterprise that introduced innovation in logistics by type of innovation, NACE Rev. 2 activity and size class	*on page 22*
	New for CIS 2016	**inn_cis10_logexp**	Enterprises with expenditures for innovation in logistics by size classes of expenditure, NACE Rev. 2 activity and size class	*on page 22*
	New for CIS 2016	**inn_cis10_lognoin**	Enterprises that did not introduce innovation in logistics by barrier, NACE Rev. 2 activity and size class	*on page 23*
	New for CIS 2016	**inn_cis10_loginr**	Enterprises which introduced innovations in logistics by reason of the introduction, level of importance of the reason, NACE Rev. 2 activity and size class	*on page 23*

1. Mapping of codes and labels in respective results of the Community Innovation Survey 2016 (CIS2016) (inn_cis10)

1. Basic economic information on the enterprises by NACE Rev.2 activity and size class (inn_cis10_bas)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	EMP14	Total number of employees in 2014	INDIC_INN	Innovation indicator	SAL14	Number of employees in 2014
INDIC_IN	Innovation indicator	TURN14	Total turnover in 2014	INDIC_INN	Innovation indicator	TUR14	Turnover in 2014
INDIC_IN	Innovation indicator	TURNOUT14	Turnover from sales outside the home country in 2014	INDIC_INN	Innovation indicator	TUR14_OUT	Turnover from sales outside the home country in 2014
INDIC_IN	Innovation indicator	EMP16	Total number of employees in 2016	INDIC_INN	Innovation indicator	SAL16	Number of employees in 2016
INDIC_IN	Innovation indicator	TURN16	Total turnover in 2016	INDIC_INN	Innovation indicator	TUR16	Turnover in 2016
INDIC_IN	Innovation indicator	TURNOUT16	Turnover from sales outside the home country in 2016	INDIC_INN	Innovation indicator	TUR16_OUT	Turnover from sales outside the home country in 2016
INDIC_IN	Innovation indicator	ENT_POPU16	Total number of enterprises in the population in 2016	INDIC_INN	Innovation indicator	ENT16	Number of enterprises in the population in 2016
TYPE_INN	Type of innovator	INNO	Innovative enterprises (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	INN	Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities)
TYPE_INN	Type of innovator	INNO_NPP	Organisation and/or marketing innovative enterprises only	ENTERPR	Enterprise	ORGMKTG_ONL	Organisation and/or marketing innovative enterprises only
TYPE_INN	Type of innovator	INNO_PP	Product and/or process innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ONL	Product and/or process innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)
TYPE_INN	Type of innovator	INNO_PPANPP	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ORGMKTG_ONL	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)
TYPE_INN	Type of innovator	INPDT	Product innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	PRD	Product innovative enterprises (regardless of any other type of innovation)
TYPE_INN	Type of innovator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity
TYPE_INN	Type of innovator	TOTAL	Total enterprises	ENTERPR	Enterprise	TOTAL	Total

2. Enterprises by administrative state of the enterprise, NACE Rev.2 activity and size class (inn_cis10_gen)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	ENMERG_YES	Enterprises that have merged with/take over another enterprise	ENTGRP	Enterprise group identification	MRG_ENT	Enterprises that have merged with/take over another enterprise
INDIC_IN	Innovation indicator	ENOUT_YES	Enterprises that have sold/closed/outsourced tasks or functions	ENTGRP	Enterprise group identification	SELL_CL_OUTSRC_TSK	Enterprises that have sold/closed/outsourced tasks or functions

INDIC_IN	Innovation indicator	GP_YES	Enterprises that are part of an enterprise group	ENTGRP	Enterprise group identification	PEG	Part of an enterprise group
INDIC_IN	Innovation indicator	HOOT_YES	Enterprises that are part of an enterprise group and have a foreign head office	ENTGRP	Enterprise group identification	HD_FOR	Head office of enterprise group abroad
TYPE_INN	Type of innovator	INNO_PP	Product and/or process innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ONL	Product and/or process innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)
TYPE_INN	Type of innovator	INNO_NPP	Organisation and/or marketing innovative enterprises only	ENTERPR	Enterprise	ORGMKTG_ONL	Organisation and/or marketing innovative enterprises only
TYPE_INN	Type of innovator	INNO_PPANPP	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ORGMKTG_ONL	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)
TYPE_INN	Type of innovator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity

3. Enterprises by NACE Rev.2 activity and size class (inn_cis10_type)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
TYPE_INN	Type of innovator	INABA	Enterprises with abandoned/suspended innovation activities only	ENTERPR	Enterprise	ABD	Enterprises with abandoned/suspended innovation activities only
TYPE_INN	Type of innovator	INABA_ONG	Enterprises with abandoned/suspended and on-going innovation activities only	ENTERPR	Enterprise	ABD_ONGO	Enterprises with abandoned/suspended and on-going innovation activities only
TYPE_INN	Type of innovator	INMKT	Marketing innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	MKTG	Marketing innovative enterprises (regardless of any other type of innovation)
TYPE_INN	Type of innovator	INNO	Innovative enterprises (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	INN	Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities)
TYPE_INN	Type of innovator	INNO_NPP	Organisation and/or marketing innovative enterprises only	ENTERPR	Enterprise	ORGMKTG_ONL	Organisation and/or marketing innovative enterprises only
TYPE_INN	Type of innovator	INNO_PP	Product and/or process innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ONL	Product and/or process innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)
TYPE_INN	Type of innovator	INNO_PPANPP	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ORGMKTG_ONL	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities
TYPE_INN	Type of innovator	INNOACT	Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS	Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities)
TYPE_INN	Type of innovator	INNORGMK	Organisation and/or marketing innovative enterprises, regardless of product or process innovation	ENTERPR	Enterprise	ORGMKTG	Organisation and/or marketing innovative enterprises, regardless of product or process innovation
TYPE_INN	Type of innovator	INNOS	Enterprises that have introduced an innovation (all types)	ENTERPR	Enterprise	INN_ITR	Enterprises that have introduced an innovation (all types)
TYPE_INN	Type of innovator	INONG	Enterprises with on-going innovation activities only	ENTERPR	Enterprise	ONGO	Enterprises with on-going innovation activities only
TYPE_INN	Type of innovator	INORG	Organisation innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	ORG	Organisation innovative enterprises (regardless of any other type of innovation)
TYPE_INN	Type of innovator	INPCS	Process innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	PCS	Process innovative enterprises (regardless of any other type of innovation)

TYPE_INN	Type of innovator	INPCSONLY	Process innovative enterprises only	ENTERPR	Enterprise	PCS_ONL	Process innovative enterprises only
TYPE_INN	Type of innovator	INPDT	Product innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	PRD	Product innovative enterprises (regardless of any other type of innovation)
TYPE_INN	Type of innovator	INPDTONLY	Product innovative enterprises only	ENTERPR	Enterprise	PRD_ONL	Product innovative enterprises only
TYPE_INN	Type of innovator	MKT_ONLY	Marketing innovative enterprises only	ENTERPR	Enterprise	MKTG_ONL	Marketing innovative enterprises only
TYPE_INN	Type of innovator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity
TYPE_INN	Type of innovator	OANDM	Organisation and marketing innovative enterprises only	ENTERPR	Enterprise	ORG_MKTG_ONL	Organisation and marketing innovative enterprises only
TYPE_INN	Type of innovator	PROD_PCS	Product or process innovative enterprises	ENTERPR	Enterprise	PRDPCS_XABDONGO	Product and/or process innovative enterprises excluding enterprises with only on-going and/or abandoned activities
TYPE_INN	Type of innovator	ORG_ONLY	Organisation innovative enterprises only	ENTERPR	Enterprise	ORG_ONL	Organisation innovative enterprises only
TYPE_INN	Type of innovator	PANDP	Product and process innovative enterprises only	ENTERPR	Enterprise	PRD_PCS_ONL	Product and process innovative enterprises only

4. Enterprises by percentage of employees with university education, by NACE Rev.2 activity and size class (inn_cis10_educ)

All enterprise population (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	EMPUD0	Enterprises with 0% of employees with university education	PERCENT	Size classes in percentage	PC0	Zero percent
INDIC_IN	Innovation indicator	EMPUD1	Enterprises with 1% to 4% of employees with university education	PERCENT	Size classes in percentage	PC1-4	From 1 to 4 percent
INDIC_IN	Innovation indicator	EMPUD2	Enterprises with 5% to 9% of employees with university education	PERCENT	Size classes in percentage	PC5-9	From 5 to 9 percent
INDIC_IN	Innovation indicator	EMPUD3	Enterprises with 10% to 24% of employees with university education	PERCENT	Size classes in percentage	PC10-24	From 10 to 24 percent
INDIC_IN	Innovation indicator	EMPUD4	Enterprises with 25% to 49% employees with university education	PERCENT	Size classes in percentage	PC25-49	From 25 to 49 percent
INDIC_IN	Innovation indicator	EMPUD5	Enterprises with 50% to 74% employees with university education	PERCENT	Size classes in percentage	PC50-74	From 50 to 74 percent
INDIC_IN	Innovation indicator	EMPUD6	Enterprises with more than 75% of employees with university education	PERCENT	Size classes in percentage	PC_GE75	75 percent or over
TYPE_INN	Type of innovator	INNO	Innovative enterprises (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	INN	Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities)
TYPE_INN	Type of innovator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity

5. Enterprise by place where goods and/or services are sold, and place of largest market in terms of turnover, by NACE Rev. 2 activity and size class (inn_cis10_mrk)

All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	MAR_LREG	Enterprises that sell goods and/or services in the local or the regional markets	INDIC_INN	Innovation indicator	MKT_GDSERV	Market for goods and/or services	MKTPLACE	Market place	LOC_REG	Local or regional
INDIC_IN	Innovation indicator	MAR_NAT	Enterprises that sell goods and/or services in the national market	INDIC_INN	Innovation indicator	MKT_GDSERV	Market for goods and/or services	MKTPLACE	Market place	NAT	National
INDIC_IN	Innovation indicator	MAR_EU	Enterprises that sell goods and/or services in other EU, EFTA or EU-candidate countries	INDIC_INN	Innovation indicator	MKT_GDSERV	Market for goods and/or services	MKTPLACE	Market place	EU_EFTA_CC_OTH	Other EU, EFTA and candidate countries
INDIC_IN	Innovation indicator	MAR_OTH	Enterprises that sell goods and/or services in any other country than EU countries, EFTA or EU-candidate countries	INDIC_INN	Innovation indicator	MKT_GDSERV	Market for goods and/or services	MKTPLACE	Market place	EXT	Countries other than EU, EFTA and candidate countries
INDIC_IN	Innovation indicator	LARMAR_LREG	Enterprises for which the largest market in terms of turnover is the local or the regional market	INDIC_INN	Innovation indicator	LMKT_TUR	Largest market in terms of turnover	MKTPLACE	Market place	LOC_REG	Local or regional
INDIC_IN	Innovation indicator	LARMAR_NAT	Enterprises for which the largest market in terms of turnover is the national market	INDIC_INN	Innovation indicator	LMKT_TUR	Largest market in terms of turnover	MKTPLACE	Market place	NAT	National
INDIC_IN	Innovation indicator	LARMAR_EU	Enterprises for which the largest market in terms of turnover is the other EU, EFTA and/or EU-candidate countries	INDIC_INN	Innovation indicator	LMKT_TUR	Largest market in terms of turnover	MKTPLACE	Market place	EU_EFTA_CC_OTH	Other EU, EFTA and Candidate countries
INDIC_IN	Innovation indicator	LARMAR_OTH	Enterprises for which the largest market in terms of turnover is all other countries than EU countries, EFTA or EU-candidate countries	INDIC_INN	Innovation indicator	LMKT_TUR	Largest market in terms of turnover	MKTPLACE	Market place	EXT	Countries other than EU, EFTA and Candidate countries
TYPE_INN	Innovation indicator	INNO_NPP	Organisation and/or marketing innovative enterprises only	ENTERPR	Enterprise	ORGMKTG_ONL	Organisation and/or marketing innovative enterprises only				
TYPE_INN	Innovation indicator	INNO_PP	Product and/or process innovative enterprises only (including enterprises with	ENTERPR	Enterprise	PRDPCS_ONL	Product and/or process innovative enterprises only (including enterprises with				

TYPE_INN	Innovation indicator	INNO_PPANPP	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS_ORGMKTG_ONL	Product and/or process and organisation and/or marketing innovative enterprises only (including enterprises with abandoned/suspended or on-going innovation activities)
			...abandoned/suspended or on-going innovation activities)				abandoned/suspended or on-going innovation activities)
TYPE_INN	Innovation indicator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity

6. Product and/or process innovative enterprises* by type of innovation activity, NACE Rev. 2 activity and size class (inn_cis10_iact)

* Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNOACT': new ENTERPR 'PRDPCS')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	RACT_YES	Enterprises engaged in at least one innovation activity	INN_ACT	Innovation activities	INN_GE1	At least one innovation activity
INDIC_IN	Innovation indicator	RRDIN_YES	Enterprises, engaged in in-house R&D activities	INN_ACT	Innovation activities	RND_IH	In-house research and development (R&D)
INDIC_IN	Innovation indicator	RDENG_CONT	Enterprises, engaged continuously in in-house R&D activities	INN_ACT	Innovation activities	RND_IH_CONT	In-house research and development (R&D) - continuously
INDIC_IN	Innovation indicator	RDENG_OCC	Enterprises, engaged occasionally in in-house R&D activities	INN_ACT	Innovation activities	RND_IH_OCC	In-house research and development (R&D) - occasionally
INDIC_IN	Innovation indicator	RRDEX_YES	Enterprises, engaged in external R&D activities	INN_ACT	Innovation activities	RND_CONTR_OUT	Contracted-out research and development (R&D)
INDIC_IN	Innovation indicator	RMACES_YES	Enterprises, engaged in acquisition of machinery, equipment and software	INN_ACT	Innovation activities	ACQ_MEBS	Acquisition of machinery, equipment, buildings and software
INDIC_IN	Innovation indicator	ROEK_YES	Enterprises, engaged in acquisition of other external knowledge	INN_ACT	Innovation activities	ACQ_EKNOW_OTH	Acquisition of existing knowledge from other enterprises or organisations
INDIC_IN	Innovation indicator	RTR_YES	Enterprises, engaged in training for innovation activities	INN_ACT	Innovation activities	TNG	Training for innovative activities
INDIC_IN	Innovation indicator	RMAR_YES	Enterprises, engaged in market introduction of innovations	INN_ACT	Innovation activities	INN_MKT	Market introduction of innovations
INDIC_IN	Innovation indicator	RDSG	Enterprises, engaged in design activities to improve or change the shape of the appearance of goods or service	INN_ACT	Innovation activities	DESG_SHP	Design activities to alter the shape, appearance or usability of goods or services
INDIC_IN	Innovation indicator	ROTHE_YES	Enterprises, engaged in other innovation activities	INN_ACT	Innovation activities	OTH	Other innovation activities
INDIC_IN	Innovation indicator	EXPEXERD_YES	Enterprises engaged in in-house R&D activities or acquisition of machinery, equipment and software or in acquisition of external knowledge or in training for innovative activities or in activities for market introduction of innovation or in design activities or in other activities	INN_ACT	Innovation activities	INN_XRND_CONTR_OUT	All innovation activities except contracted-out research and development (R&D) (external R&D activities)

7. Expenditures in product and/or process innovative enterprises* by area of expenditure, NACE Rev. 2 activity and size class (inn_cis10_exp)

* Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNOACT': new ENTERPR 'PRDPCS')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	RRDIN16	Expenditures in in-house R&D in 2016	EXPEND	Expenditure and investment	RND_IH	Expenditure on R&D performed in-house
INDIC_IN	Innovation indicator	RRDEX16	Expenditures in external R&D in 2016	EXPEND	Expenditure and investment	RND_CONTR_OUT	Expenditure on R&D contracted out
INDIC_IN	Innovation indicator	RMACES16	Expenditures in acquisition of machinery, equipment and software in 2016	EXPEND	Expenditure and investment	ACQ_MES	Acquisition of machinery, equipment and software
INDIC_IN	Innovation indicator	ROEK16	Expenditures in acquisition of external knowledge in 2016	EXPEND	Expenditure and investment	ACQ_EKNOW	Acquisition of other external knowledge
INDIC_IN	Innovation indicator	ROTREX16	Expenditures for the 'other' innovation activities in 2016 (including design, training, marketing, and other relevant activities)	EXPEND	Expenditure and investment	INN_XRND	Other expenditure on innovation (excluding R&D)
INDIC_IN	Innovation indicator	EXPEXERD16	Total innovation expenditures excluding external R&D expenditures in 2016	EXPEND	Expenditure and investment	INN_XRND_CONTR_OUT	Expenditure on innovation excluding expenditure on R&D contract out
INDIC_IN	Innovation indicator	EXPTOT16	Total innovation expenditures in 2016	EXPEND	Expenditure and investment	INN	Expenditure on innovation

8. Enterprises by intellectual property rights (IPRs) and licensing in the enterprise, NACE Rev. 2 activity and size class (inn_cis10_ipr)

All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	PRODSG	Enterprises that registered an industrial design right	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	IDESG	Industrial design
INDIC_IN	Innovation indicator	PROPAT	Enterprises that applied for a patent	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	PAT	Patent
INDIC_IN	Innovation indicator	PROTM	Enterprises that registered a trademark	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	TRDM	Trademark
INDIC_IN	Innovation indicator	PRO_ALL	Enterprises which have used/applied/registered intellectual property rights	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	IPR	All IPRs
INDIC_IN	Innovation indicator	PROUM	Enterprises which applied for an utility model	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	MDL_UTL	Utility model
INDIC_IN	Innovation indicator	PROSEC	Enterprises which used trade secrets	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	TRDS	Trade secret
INDIC_IN	Innovation indicator	PROCOP	Enterprises which claim copyright	IPR_TRN	Transactions and type of Intellectual Property Rights (IPRs)	CPR	Copyright
TYPE_INN	Type of innovator	INNO	Innovative enterprises (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	INN	Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities)
TYPE_INN	Type of innovator	INNOACT	Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	PRDPCS	Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities)
TYPE_INN	Type of innovator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity

9. Product and/or process innovative enterprises* engaged in co-operation by co-operation partner, NACE Rev. 2 activity and size class (inn_cis10_coop)

* Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNOACT': new ENTERPR 'PRDPCS')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	C01	Enterprises co-operating with other enterprises within the enterprise group	COOP_PTN	Cooperation partners	PRV_IN	Enterprises within the enterprise group
INDIC_IN	Innovation indicator	C02	Enterprises co-operating with competitors or other enterprises of the same sector	COOP_PTN	Cooperation partners	PRV_OUT_COMP	Competitors or other enterprises of the same sector
INDIC_IN	Innovation indicator	C031	Enterprises co-operating with clients or customers from the private sector	COOP_PTN	Cooperation partners	PRV_OUT_CLCU	Clients or customers from the private sector
INDIC_IN	Innovation indicator	C032	Enterprises co-operating with clients or customers from the public sector	COOP_PTN	Cooperation partners	PUB_CLCU	Clients or customers from the public sector
INDIC_IN	Innovation indicator	C05	Enterprises co-operating with suppliers of equipment, materials, components or software	COOP_PTN	Cooperation partners	PRV_OUT_SUPPL	Suppliers of equipment, materials, components or software
INDIC_IN	Innovation indicator	C06	Enterprises co-operating with universities or other higher education institutions	COOP_PTN	Cooperation partners	UNIV	Universities or other higher education institutions
INDIC_IN	Innovation indicator	C10	Enterprises co-operating with consultants or commercial labs	COOP_PTN	Cooperation partners	PRV_OUT_CN	Consultants or commercial labs
INDIC_IN	Innovation indicator	CO_ALL	Enterprises engaged in any type of co-operation	COOP_PTN	Cooperation partners	TOTAL	Any type of co-operation
INDIC_IN	Innovation indicator	COEUR_YES	Enterprises engaged in any type of innovation co-operation with a partner in EU countries, EFTA or EU candidates countries (except a national partner)	COOP_PTN	Cooperation partners	EU_EFTA_CC_FOR	Partner in EU, EFTA or EU candidate countries (except a national partner)
INDIC_IN	Innovation indicator	CONAT_YES	Enterprises engaged in any type of innovation co-operation with a national partner	COOP_PTN	Cooperation partners	NAT	National partner
INDIC_IN	Innovation indicator	CONATEUR_YES	Enterprises engaged in any type of innovation co-operation with a partner in EU countries, EFTA or EU candidates countries (incl. national partner)	COOP_PTN	Cooperation partners	EU_EFTA_CC_NAT	Partner in EU, EFTA or EU candidate countries (including a national partner)
INDIC_IN	Innovation indicator	C12	Enterprises which have the innovation co-operation partners of government or public research institutes (regardless of location)	COOP_PTN	Cooperation partners	PUB_GOV_RI	Government or public research institutes
INDIC_IN	Innovation indicator	C13	Enterprises which have the innovation co-operation partners of private research institutes (regardless of location)	COOP_PTN	Cooperation partners	PRV_RI	Private research institutes
INDIC_IN	Innovation indicator	COTH_YES	Enterprises which have the innovation co-operation partners only in the EU	COOP_PTN	Cooperation partners	EU_ONL	Partner only in the EU

10. Product and/or process innovative enterprises* which used information for their innovation activities, by source of information, level of importance of the source, NACE Rev. 2 activity and size class (inn_cis10_sou)

* Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNOACT': new ENTERPR 'PRDPCS')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	SENTG_HIGH	Enterprises for which the internal co-operation within the enterprise or enterprise group was highly important source of information	SRC_INFO	Source of information	ENT_INT	Enterprises within the enterprise group	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SENTG_NU	Enterprises for which the internal co-operation within the enterprise or enterprise group was not used as a source of information	SRC_INFO	Source of information	ENT_INT	Enterprises within the enterprise group	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SSUP_HIGH	Enterprises for which the suppliers of equipment, materials,	SRC_INFO	Source of information	MKT_SUPPL	Suppliers of equipment, materials, components	LEV_IMPT	Level of importance	HIGH	High importance

INDIC_IN	Innovation indicator			SRC_INFO	Source of information			LEV_IMPT	Level of importance		
			components, or software were highly important source of information				or software				
INDIC_IN	Innovation indicator	SSUP_NU	Enterprises for which the suppliers of equipment, materials, components, or software were not used as a source of information	SRC_INFO	Source of information	MKT_SUPPL	Suppliers of equipment, materials, components or software	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SCLPR_HIGH	Enterprises for which the clients or customers from the private sector were highly important source of information	SRC_INFO	Source of information	MKT_PRV_CLCU	Clients or customers from the private sector	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SCLPR_NU	Enterprises for which the clients or customers from the private sector were not used as a source of information	SRC_INFO	Source of information	MKT_PRV_CLCU	Clients or customers from the private sector	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SCLPU_HIGH	Enterprises for which the clients or customers from the public sector were highly important source of information	SRC_INFO	Source of information	MKT_PUB_CLCU	Clients or customers from the public sector	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SCLPU_NU	Enterprises for which the clients or customers from the public sector were not used as a source of information	SRC_INFO	Source of information	MKT_PUB_CLCU	Clients or customers from the public sector	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SCOM_HIGH	Enterprises for which the competitors or other enterprises in the same sector were highly important source of information	SRC_INFO	Source of information	MKT_COMP	Competitors or other enterprises of the same sector	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SCOM_NU	Enterprises for which the competitors or other enterprises in the same sector were not used as a source of information	SRC_INFO	Source of information	MKT_COMP	Competitors or other enterprises of the same sector	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SINSL_HIGH	Enterprises for which the consultants or commercial labs were highly important source of information	SRC_INFO	Source of information	MKT_CN	Consultants or commercial labs	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SINSL_NU	Enterprises for which the consultants or commercial labs were not used as a source of information	SRC_INFO	Source of information	MKT_CN	Consultants or commercial labs	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SUNI_HIGH	Enterprises for which the universities or other higher education institutes were highly important source of information	SRC_INFO	Source of information	UNIV	Universities or other higher education institutions	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SUNI_NU	Enterprises for which the universities or other higher education institutes were not used as a source of information	SRC_INFO	Source of information	UNIV	Universities or other higher education institutions	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SGOV_HIGH	Enterprises for which the government or public research institutes were highly important source of information	SRC_INFO	Source of information	GOV_PUB_RI	Government or public research institutes	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SGOV_NU	Enterprises for which the government or public research institutes were not used as a source of information	SRC_INFO	Source of information	GOV_PUB_RI	Government or public research institutes	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SPRD_HIGH	Enterprises for which the private research institutes were highly important source of information	SRC_INFO	Source of information	PRV_RI	Private research institutes	LEV_IMPT	Level of importance	HIGH	High importance

INDIC_IN	Innovation indicator	SPRD_NU	Enterprises for which the private research institutes were not used as a source of information	SRC_INFO	Source of information	PRV_RI	Private research institutes	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SCON_HIGH	Enterprises for which the conferences, trade fairs, exhibitions were highly important source of information	SRC_INFO	Source of information	CONF_TRDF_EXHIB	Conferences, trade fairs or exhibitions	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SCON_NU	Enterprises for which the conferences, trade fairs, exhibitions were not used as a source of information	SRC_INFO	Source of information	CONF_TRDF_EXHIB	Conferences, trade fairs or exhibitions	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SJOU_HIGH	Enterprises for which the scientific/technical journals or trade publications were highly important source of information	SRC_INFO	Source of information	JRNST_TRDP	Scientific/technical journals or trade publications	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SJOU_NU	Enterprises for which the scientific/technical journals or trade publications were not used as a source of information	SRC_INFO	Source of information	JRNST_TRDP	Scientific/technical journals or trade publications	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	SPROF_HIGH	Enterprises for which the professional or industry associations were highly important source of information	SRC_INFO	Source of information	ASS_PROF_IND	Professional or industry associations	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	SPROF_NU	Enterprises for which the professional or industry associations were not used as a source of information	SRC_INFO	Source of information	ASS_PROF_IND	Professional or industry associations	LEV_IMPT	Level of importance	NONE	Not important

11. Product and/or process innovative enterprises* that received public funding for innovation activities by source of founding, NACE Rev. 2 activity and size class (inn_cis10_pub)

* Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNOACT': new ENTERPR 'PRDPCS')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	FUNEU	Enterprises that received funding from the European Union	SRC_FUND	Source of funding	EU	European Union
INDIC_IN	Innovation indicator	FUNGMT	Enterprises that received funding from central government (including central government agencies or ministries)	SRC_FUND	Source of funding	GOV_CTL	National central government
INDIC_IN	Innovation indicator	FUNLOC	Enterprises that received funding from local or regional authorities	SRC_FUND	Source of funding	AUT_LOC_REG	Local or regional authorities
INDIC_IN	Innovation indicator	FUNPUB	Enterprises that received any public funding	SRC_FUND	Source of funding	PUB_FUND	Public funding
INDIC_IN	Innovation indicator	FUNRTD7	Enterprises that received funding from the 7th Framework Programme	SRC_FUND	Source of funding	EU_FP7_HP2020	EU 7th Framework and Horizon EU2020 programmes

12. Innovative and non-innovative enterprises by type of business strategy applied, importance of the strategy, NACE Rev. 2 activity and size class (inn_cis10_strat)

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	FIMPGS_HIGH	Enterprises for which to focus on improving existing goods or services was a highly important strategy	BSN_STRAT	Business strategy	FOC_IEGDSERV	Focus on improving existing goods or services	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	FIMPGS_NR	Enterprises for which to focus on improving existing goods or services was not an important strategy	BSN_STRAT	Business strategy	FOC_IEGDSERV	Focus on improving existing goods or services	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	FNWGS_HIGH	Enterprises for which to focus on introducing entirely new goods or service was a highly important strategy	BSN_STRAT	Business strategy	FOC_NEWGDSERV	Focus on introducing entirely new goods or services	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	FNWGS_NR	Enterprises for which to focus on introducing entirely new goods or services was not an important strategy	BSN_STRAT	Business strategy	FOC_NEWGDSERV	Focus on introducing entirely new goods or services	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	FNWCUS_HIGH	Enterprises for which to focus on reaching new customer groups was a highly important strategy	BSN_STRAT	Business strategy	FOC_NEWCUS	Focus on reaching out to new customer groups	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	FNWCUS_NR	Enterprises for which to focus on reaching new customer groups was not an important strategy	BSN_STRAT	Business strategy	FOC_NEWCUS	Focus on reaching out to new customer groups	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	FCSOL_HIGH	Enterprises for which to focus on customer specific solution was a highly important strategy	BSN_STRAT	Business strategy	FOC_CUS_SLT	Focus on customer specific solution	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	FCSOL_NR	Enterprises for which to focus on customer specific solution was not an important strategy	BSN_STRAT	Business strategy	FOC_CUS_SLT	Focus on customer specific solution	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	FLOWP_HIGH	Enterprises for which to focus on low-price was a highly important strategy	BSN_STRAT	Business strategy	FOC_LOWPRC	Focus on low-price	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	FLOWP_NR	Enterprises for which to focus on low-price was not an important strategy	BSN_STRAT	Business strategy	FOC_LOWPRC	Focus on low-price	LEV_IMPT	Level of importance	NONE	None
TYPE_INN	Type of innovator	INNO	Innovative enterprises (including enterprises with abandoned/suspended or on-going innovation activities)	ENTERPR	Enterprise	INN	Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities)				
TYPE_INN	Type of innovator	NON_INNO	Non-innovative enterprises	ENTERPR	Enterprise	NINN	Enterprises that have not introduced any innovation and have no innovation activity				

13. Enterprises that introduced innovation of specific types by type of the innovation, NACE Rev. 2 activity and size class (inn_cis10_spec)

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	INPDGD	Enterprises that developed goods innovation	INNOVAT	Type of innovation	PRD_GD	Goods	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	INPDSV	Enterprises that developed service innovation	INNOVAT	Type of innovation	PRD_SERV	Services	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	INPSPD	Enterprises that developed process innovation by improving methods of manufacturing or producing	INNOVAT	Type of innovation	PCS_GD_SERV	New or improved methods for producing goods or provide services	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	INPSLG	Enterprises that developed process innovation by improving logistics, delivery or distribution methods	INNOVAT	Type of innovation	PCS_LOG	New or improved logistics, delivery or distribution methods	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	INPSSU	Enterprises that developed process innovation by supporting activities for processes	INNOVAT	Type of innovation	PCS_ACT	Supporting activities for processes	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	ORGBUP	Enterprises that introduced new business practices for organising procedures	INNOVAT	Type of innovation	OPROC	New business practices for organising procedures	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	ORGWKP	Enterprises that introduced new methods of organising work responsibilities and decision making	INNOVAT	Type of innovation	OWR_DEC	New methods of organising work responsibilities and decision making	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	ORGEXR	Enterprises that introduced new methods of organising external relations	INNOVAT	Type of innovation	OEXTREL	New methods of organising external relations	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	MKTDGP	Enterprises that introduced significant changes to the aesthetic design or packaging	INNOVAT	Type of innovation	DESG_PK	Significant changes to the aesthetic design or packaging	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	MKTPDP	Enterprises that introduced new media or techniques for product promotion	INNOVAT	Type of innovation	PROMO	New media or techniques for product promotion	LEV_IMPT	Level of importance	NONE	None
INDIC_IN	Innovation indicator	MKTPDL	Enterprises that introduced new methods for product placement	INNOVAT	Type of innovation	PLACMT	New methods for product placement	LEV_IMPT	Level of importance	HIGH	High
INDIC_IN	Innovation indicator	MKTPRI	Enterprises that introduced new methods of pricing goods or services	INNOVAT	Type of innovation	PRC_GD_SERV	New methods of pricing goods or services	LEV_IMPT	Level of importance	NONE	None
TYPE_INN	Type of innovator	INPDT	Product innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	PRD	Product innovative enterprises (regardless of any other type of innovation)				
TYPE_INN	Type of innovator	INPCS	Process innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	PCS	Process innovative enterprises (regardless of any other type of innovation)				
TYPE_INN	Type of innovator	INMKT	Marketing innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	MKTG	Marketing innovative enterprises (regardless of any other type of innovation)				
TYPE_INN	Type of innovator	INORG	Organisation innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	ORG	Organisation innovative enterprises (regardless of any other type of innovation)				

14. Product and process innovative enterprises which introduced innovation by type of innovation, innovation developer, NACE Rev.2 activity and size class (inn_cis10_prod)

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	INPDTG1	Enterprises that developed goods innovation by themselves	INNOVAT	Type of innovation	PRD_GD	Goods	INN_DEVR	Innovation developer	ENT	Enterprise itself
INDIC_IN	Innovation indicator	INPDTG2	Enterprises that developed goods innovation in cooperation with other enterprises or institutions	INNOVAT	Type of innovation	PRD_GD	Goods	INN_DEVR	Innovation developer	ENT_OTH	Enterprise together with other enterprises or organisations
INDIC_IN	Innovation indicator	INPDTG3	Enterprises that developed goods innovation by adapting or modifying goods originally developed by other enterprises or institutions	INNOVAT	Type of innovation	PRD_GD	Services	INN_DEVR	Innovation developer	ENT_ADP_OTH	Enterprise by adapting or modifying products and/or process originally developed by other enterprises or organisations
INDIC_IN	Innovation indicator	INPDTG4	Enterprises that introduced goods innovation developed by other enterprises or institutions	INNOVAT	Type of innovation	PRD_GD	Goods	INN_DEVR	Innovation developer	OTH	Other enterprises or organisations
INDIC_IN	Innovation indicator	INPDTS1	Enterprises that developed service innovation by themselves	INNOVAT	Type of innovation	PRD_SERV	Services	INN_DEVR	Innovation developer	ENT	Enterprise itself
INDIC_IN	Innovation indicator	INPDTS2	Enterprises that developed service innovation in cooperation with other enterprises or institutions	INNOVAT	Type of innovation	PRD_SERV	Services	INN_DEVR	Innovation developer	ENT_OTH	Enterprise together with other enterprises or organisations
INDIC_IN	Innovation indicator	INPDTS3	Enterprises that developed service innovation by adapting or modifying services originally developed by other enterprises or institutions	INNOVAT	Type of innovation	PRD_SERV	Services	INN_DEVR	Innovation developer	ENT_ADP_OTH	Enterprise by adapting or modifying products and/or process originally developed by other enterprises or organisations
INDIC_IN	Innovation indicator	INPDTS4	Enterprises that introduced service innovation developed by other enterprises or institutions	INNOVAT	Type of innovation	PRD_SERV	Services	INN_DEVR	Innovation developer	OTH	Other enterprises or organisations
INDIC_IN	Innovation indicator	INPSDV1	Enterprises that developed process innovation by themselves	INNOVAT	Type of innovation	PCS	Process innovation	INN_DEVR	Innovation developer	ENT	Enterprise itself
INDIC_IN	Innovation indicator	INPSDV2	Enterprises that developed process innovation in cooperation with other enterprises or institutions	INNOVAT	Type of innovation	PCS	Process innovation	INN_DEVR	Innovation developer	ENT_OTH	Enterprise together with other enterprises or organisations
INDIC_IN	Innovation indicator	INPSDV3	Enterprises that developed process innovation by adapting or modifying process originally developed by other enterprises or institutions	INNOVAT	Type of innovation	PCS	Process innovation	INN_DEVR	Innovation developer	ENT_ADP_OTH	Enterprise by adapting or modifying products and/or process originally developed by other enterprises or organisations

INDIC_IN	Innovation indicator	INPSDV4	Enterprises that introduced process innovation developed by other enterprises or institutions	INNOVAT	Type of innovation	PCS	Process innovation	INN_DEVR	Innovation developer	OTH	Other enterprises or organisations
INDIC_IN	Innovation indicator	INPDPC_ENT_RD	Enterprises that developed product and/or process innovation by itself / R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	ENT_RND	Enterprise itself (R&D performers)
INDIC_IN	Innovation indicator	INPDPC_COP_RD	Enterprises that developed product and/or process innovation together with other enterprises or institutions / R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	ENT_OTH_RND	Enterprise together with other enterprises or organisations (R&D performers)
INDIC_IN	Innovation indicator	INPDPC_ADP_RD	Enterprises that developed product and/or process innovation by adapting or modifying goods, services or process originally developed by other enterprises or institutions / R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	ENT_ADP_OTH_RND	Enterprise by adapting or modifying products and/or process originally developed by other enterprises or organisations (R&D performers)
INDIC_IN	Innovation indicator	INPDPC_OTH_RD	Enterprises that introduced product and/or process innovation developed by other enterprises or institutions / R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	OTH_RND	Other enterprises or organisations (R&D performers)
INDIC_IN	Innovation indicator	INPDPC_ENT_NRD	Enterprises that developed product and/or process innovation by itself / non R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	ENT_NRND	Enterprise itself (non R&D performers)
INDIC_IN	Innovation indicator	INPDPC_COP_NRD	Enterprises that developed product and/or process innovation together with other enterprises or institutions / non R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	ENT_OTH_NRND	Enterprise together with other enterprises or organisations (non R&D performers)
INDIC_IN	Innovation indicator	INPDPC_ADP_NRD	Enterprises that developed product and/or process innovation by adapting or modifying goods, services or process originally developed by other enterprises or institutions / non R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	ENT_ADP_OTH_NRND	Enterprise by adapting or modifying products and/or process originally developed by other enterprises or organisations (non R&D performers)
INDIC_IN	Innovation indicator	INPDPC_OTH_NRD	Enterprises that introduced product and/or process innovation developed by other enterprises or institutions / non R&D performers	INNOVAT	Type of innovation	GD_SERV_PCS	Goods, services or processes	INN_DEVR	Innovation developer	OTH_NRND	Other enterprises or organisations (non R&D performers)
TYPE_INN	Type of innovator	INPDT	Product innovative enterprises (regardless of any other type of innovation)	ENTERPR	Enterprise	PRD	Product innovative enterprises (regardless of any other type of innovation)				

TYPE_INN	Type of innovator	INPCS	Process innovative enterprises (regardless of any other type of innovation)	ENTE RPR	Enterprise	PCS	Process innovative enterprises (regardless of any other type of innovation)	
TYPE_INN	Type of innovator	PROD_PCS	Product or process innovative enterprises	ENTE RPR	Enterprise	PRDPCS_ XABDON GO	Product and/or process innovative enterprises excluding enterprises with only on-going and/or abandoned activities	

15. Product innovative enterprises* that have introduced new or significantly improved products by NACE Rev. 2 activity and size class (inn_cis10_prodn)

* Product innovative enterprises (regardless of any other type of innovation) (old TYPE_INN 'INPDT': new ENTERPR 'PRD')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	INPDFW_YES	Enterprises that introduced at least one "world first" product innovation	INNOVAT	Type of innovation	INN_WRL_GE1	At least one 'world first' product innovation
INDIC_IN	Innovation indicator	INPDFW_NO	Enterprises that did not introduce at least one "world first" product innovation	INNOVAT	Type of innovation	INN_NWRL	No 'world first' product innovation
INDIC_IN	Innovation indicator	INPDFW_DN	Enterprises that did not know if they introduced at least one "world first" product innovation	INNOVAT	Type of innovation	INN_WRL_UNK	Unknown 'world first' product innovation
INDIC_IN	Innovation indicator	NEWFRM_YES	Enterprises that have introduced new or significantly improved products that were only new to the firm	INNOVAT	Type of innovation	PRD_NEW_ENT	New or significantly improved products that were only new to the firm
INDIC_IN	Innovation indicator	NEWMAR_YES	Enterprises that have introduced new or significantly improved products that were new to the market	INNOVAT	Type of innovation	PRD_NEW_MKT	New or significantly improved products that were new to the market

16. Turnover of product innovative* enterprises from new or significantly improved products, by NACE Rev. 2 activity and size class (inn_cis10_prodt)

* Product innovative enterprises (regardless of any other type of innovation) (old TYPE_INN 'INPDT': new ENTERPR 'PRD')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	UNGETURN	Turnover from unchanged or marginally modified products (of product innovators)	INNOVAT	Type of innovation	SAME	Unchanged or marginally modified products (of product innovators)
INDIC_IN	Innovation indicator	NEWFRM_YES	Turnover from new or significantly improved products only new to the firm	INNOVAT	Type of innovation	PRD_NEW_ENT	New or significantly improved products that were only new to the firm
INDIC_IN	Innovation indicator	NEWMAR_YES	Turnover from new or significantly improved products that were new to the market	INNOVAT	Type of innovation	PRD_NEW_MKT	New or significantly improved products that were new to the market

17. Product and/or process innovative enterprises8 that have introduced organisational and/or marketing innovation by type of innovation, NACE Rev. 2 activity and size class (inn_cis10_mo)

* Product and/or process innovative enterprises, regardless of organisational or marketing innovation (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNOACT': new ENTERPR 'PRDPCS')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	ORGBUP	Enterprises that introduced new business practices for organising procedures	INNOVAT	Type of innovation	OPROC	New business practices for organising procedures
INDIC_IN	Innovation indicator	ORGWKP	Enterprises that introduced new methods of organising work responsibilities and decision making	INNOVAT	Type of innovation	OWR_DEC	New methods of organising work responsibilities and decision making
INDIC_IN	Innovation indicator	ORGEXR	Enterprises that introduced new methods of organising external relations	INNOVAT	Type of innovation	OEXTREL	New methods of organising external relations

Old code list	Old code list label	Old code	Old code label	New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	MKTDGP	Enterprises that introduced significant changes to the aesthetic design or packaging	INNOVAT	Type of innovation	DESG_PK	Significant changes to the aesthetic design or packaging				
INDIC_IN	Innovation indicator	MKTPDP	Enterprises that introduced new media or techniques for product promotion	INNOVAT	Type of innovation	PROMO	New media or techniques for product promotion				
INDIC_IN	Innovation indicator	MKTPDL	Enterprises that introduced new methods for product placement	INNOVAT	Type of innovation	PLACMT	New methods for product placement				
INDIC_IN	Innovation indicator	MKTPRI	Enterprises that introduced new methods of pricing goods or services	INNOVAT	Type of innovation	PRC_GD_SERV	New methods of pricing goods or services				

18. Innovative enterprises* by hampering factor for innovation activities, level of importance of the hampering factor, NACE Rev. 2 activity and size class (inn_cis10_ham)

* Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNO': new ENTERPR 'INN')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	HFFENT_HIGH	Enterprises for which the lack of internal finance for innovation was a highly important factor of hampering innovation activities	BARRIER	Barrier	LFIN_IN	Lack of internal finance	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFFENT_NR	Enterprises for which the lack of internal finance for innovation was not an important factor of hampering innovation activities	BARRIER	Barrier	LFIN_IN	Lack of internal finance	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFCRE_HIGH	Enterprises for which the lack of credit or private equity was a highly important factor of hampering innovation activities	BARRIER	Barrier	LFIN_EXT	Lack of external finance (credit or private equity)	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFCRE_NR	Enterprises for which the lack of credit or private equity was not an important factor of hampering innovation activities	BARRIER	Barrier	LFIN_EXT	Lack of external finance (credit or private equity)	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFCOS_HIGH	Enterprises for which too high innovation costs were a highly important factor of hampering innovation activities	BARRIER	Barrier	HCOST	High costs	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFCOS_NR	Enterprises for which too high innovation costs were not an important factor of hampering innovation activities	BARRIER	Barrier	HCOST	High costs	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFPER_HIGH	Enterprises for which the lack of skilled employees within the enterprise was a highly important factor of hampering innovation activities	BARRIER	Barrier	LQLFSAL_IN	Lack of qualified employees within enterprise	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFPER_NR	Enterprises for which the lack of skilled employees within the enterprise was not an important factor of hampering innovation activities	BARRIER	Barrier	LQLFSAL_IN	Lack of qualified employees within enterprise	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFPAR_HIGH	Enterprises for which the lack of collaboration partners were a highly important factor of hampering innovation activities	BARRIER	Barrier	LCOLLPTN	Lack of collaboration partners	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFPAR_NR	Enterprises for which the lack of collaboration partners were not an important factor of hampering innovation activities	BARRIER	Barrier	LCOLLPTN	Lack of collaboration partners	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFSUBS_HIGH	Enterprises for which the difficulties in obtaining government grants or subsidies for innovation were a highly important	BARRIER	Barrier	DIF_SUB	Difficulties in obtaining public grants or subsidies	LEV_IMPT	Level of importance	HIGH	High importance

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	HFSUBS_NR	Enterprises for which the difficulties in obtaining government grants or subsidies for innovation were not an important factor of hampering innovation activities	BARRIER	Barrier	DIF_SUB	Difficulties in obtaining public grants or subsidies	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFDEMI_HIGH	Enterprises for which the uncertain market demand for your ideas for innovations was a highly important factor of hampering innovation activities	BARRIER	Barrier	MKTDM_UNC	Uncertain market demand	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFDEMI_NR	Enterprises for which the uncertain market demand for your ideas for innovations was not an important factor of hampering innovation activities	BARRIER	Barrier	MKTDM_UNC	Uncertain market demand	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFCOMPH_HIGH	Enterprises for which too much competition in your market was a highly important factor of hampering innovation activities	BARRIER	Barrier	HCOMP	High competition	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFCOMPH_NR	Enterprises for which too much competition in your market was not an important factor of hampering innovation activities	BARRIER	Barrier	HCOMP	High competition	LEV_IMPT	Level of importance	NONE	Not important

19. Non-innovative enterprises* by barrier against innovation activities, level of importance of the barrier, NACE Rev. 2 activity and size class (inn_cis10_noin)

* Enterprises that have not introduced any innovation and have no innovation activity (old TYPE_INN 'NON_INNO': new ENTERPR 'NINN')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	HCOMPR	Enterprises with no compelling reason to innovate	BARRIER	Barrier	NCMPG	No compelling barrier	LEV_IMPT	Level of importance	TOTAL	Total
INDIC_IN	Innovation indicator	HBARIN	Enterprises that considered innovating, but too large barriers	BARRIER	Barrier	BRR_TL	Too large barriers	LEV_IMPT	Level of importance	TOTAL	Total
INDIC_IN	Innovation indicator	HLDEM_HIGH	Enterprises for which the low market demand was a highly important reason to not innovate	BARRIER	Barrier	MKTDM_LW	Low market demand	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HLDEM_NR	Enterprises for which the low market demand was not an important reason to not innovate	BARRIER	Barrier	MKTDM_LW	Low market demand	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HPRIOR_HIGH	Enterprises for which previous innovations were a highly important reason to not innovate	BARRIER	Barrier	PREINN	Previous innovations	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HPRIOR_NR	Enterprises for which previous innovations were not an important reason to not innovate	BARRIER	Barrier	PREINN	Previous innovations	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HCOMPL_HIGH	Enterprises for which the little market competition was a highly important reason to not innovate	BARRIER	Barrier	MKTCOMP_LTL	Little market competition	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HCOMPL_NR	Enterprises for which the little market competition was not an important reason to not innovate	BARRIER	Barrier	MKTCOMP_LTL	Little market competition	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HIDIN_HIGH	Enterprises for which the lack of good ideas was a highly important reason to not innovate	BARRIER	Barrier	LGIDEA	Lack of good ideas	LEV_IMPT	Level of importance	HIGH	High importance

INDIC_IN	Innovation indicator	HIDIN_NR	Enterprises for which the lack of good ideas was not an important reason to not innovate	BARRIER	Barrier	LGIDEA	Lack of good ideas	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFENT_HIGH	Enterprises for which the lack of internal finance was a highly important barrier to innovate	BARRIER	Barrier	LFIN_IN	Lack of internal finance	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFENT_NR	Enterprises for which the lack of internal finance was not an important barrier to innovate	BARRIER	Barrier	LFIN_IN	Lack of internal finance	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HCRE_HIGH	Enterprises for which the lack of credit or private equity was a highly important barrier to innovate	BARRIER	Barrier	LFIN_EXT	Lack of external finance (credit or private equity)	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HCRE_NR	Enterprises for which the lack of credit or private equity was not an important barrier to innovate	BARRIER	Barrier	LFIN_EXT	Lack of external finance (credit or private equity)	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HFCOS_HIGH	Enterprises for which the costs were a highly important reason to not innovate	BARRIER	Barrier	HCOST	High costs	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HFCOS_NR	Enterprises for which the costs were not an important reason to not innovate	BARRIER	Barrier	HCOST	High costs	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HPER_HIGH	Enterprises for which the lack of skilled employees within the enterprise was a highly important barrier to innovate	BARRIER	Barrier	LQLFSAL_IN	Lack of qualified employees within enterprise	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HPER_NR	Enterprises for which the lack of skilled employees within the enterprise was not an important barrier to innovate	BARRIER	Barrier	LQLFSAL_IN	Lack of qualified employees within enterprise	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HPAR_HIGH	Enterprises for which the lack of collaboration partners was a highly important barrier to innovate	BARRIER	Barrier	LCOLLPTN	Lack of collaboration partners	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HPAR_NR	Enterprises for which the lack of collaboration partners was not an important barrier to innovate	BARRIER	Barrier	LCOLLPTN	Lack of collaboration partners	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HSUBS_HIGH	Enterprises for which the difficulties in obtaining government grants or subsidies were a highly important barrier to innovate	BARRIER	Barrier	DIF_SUB	Difficulties in obtaining public grants or subsidies	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HSUBS_NR	Enterprises for which the difficulties in obtaining government grants or subsidies were not an important barrier to innovate	BARRIER	Barrier	DIF_SUB	Difficulties in obtaining public grants or subsidies	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HDEMI_HIGH	Enterprises for which the uncertain market demand was a highly important barrier to innovate	BARRIER	Barrier	MKTDM_UNC	Uncertain market demand	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HDEMI_NR	Enterprises for which the uncertain market demand was not an important barrier to innovate	BARRIER	Barrier	MKTDM_UNC	Uncertain market demand	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HCOMPH_HIGH	Enterprises for which too much market competition was a highly important barrier to innovate	BARRIER	Barrier	HCOMP	High competition	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HCOMPH_NR	Enterprises for which too much market competition was not an important barrier to innovate	BARRIER	Barrier	HCOMP	High competition	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HRBUR_HIGH	Enterprises for which the legislation/regulation was a highly excessive burden to innovate	BARRIER	Barrier	BUR_REGL	Burden due to legislation/regulation	LEV_IMPT	Level of importance	HIGH	High importance

INDIC_IN	Innovation indicator	HRBUR_NR	Enterprises for which the legislation/regulation was not an important excessive burden to innovate	BARRIER	Barrier	BUR_REGL	Burden due to legislation/regulation	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HRUNC_HIGH	Enterprises for which the legislation/regulation created a highly uncertainty to innovate	BARRIER	Barrier	UNC_REGL	Uncertainty due to legislation/regulation	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HRUNC_NR	Enterprises for which the legislation/regulation did not create an uncertainty to innovate	BARRIER	Barrier	UNC_REGL	Uncertainty due to legislation/regulation	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	HRLCNS_HIGH	Enterprises for which the lacked consistency across the EU in legislation/regulation was a highly important barrier to innovate	BARRIER	Barrier	LCSI_EU_REGL	Lack of consistency across the EU in legislation/regulation	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	HRLCNS_NR	Enterprises for which the lacked consistency across the EU in legislation/regulation was not an important barrier to innovate	BARRIER	Barrier	LCSI_EU_REGL	Lack of consistency across the EU in legislation/regulation	LEV_IMPT	Level of importance	NONE	Not important

20. Innovative enterprises* whose innovation activities have been affected by legislation or regulations by subject of the regulation/legislation, type of effect, NACE Rev. 2 activity and size class (inn_cis10_legist)

* Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNO': new ENTERPR 'INN')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	STIMPRS	Product safety/consumer protection legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	SPPC	Product safety, consumer protection	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	STIMOPS	Operational and worker safety legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	OWS	Operational and worker safety	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	STIMENV	Environmental legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	ENV	Environment	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	STIMIP	Intellectual property legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	IP	Intellectual property	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	STIMTAX	Tax legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	TAX	Tax	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	STIMEMP	Employment or social affairs legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	EMPSWAS	Employment, worker safety or social affairs	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	STIMOTH	Other legislation or regulation stimulated innovation	SUBJ_REGL	Subject of the regulation/legislation	OTH	Other	EFFECT	Effects	STIM_INN	Stimulation of innovation
INDIC_IN	Innovation indicator	NPBPRS	Product safety / consumer protection legislation or regulation created no major problems	SUBJ_REGL	Subject of the regulation/legislation	SPPC	Product safety, consumer protection	EFFECT	Effects	NMAJPB	No major problems created
INDIC_IN	Innovation indicator	NPBOPS	Operational and worker safety legislation or regulation created no major problems	SUBJ_REGL	Subject of the regulation/legislation	OWS	Operational and worker safety	EFFECT	Effects	NMAJPB	No major problems created
INDIC_IN	Innovation indicator	NPBENV	Environmental legislation or regulation created no major problems	SUBJ_REGL	Subject of the regulation/legislation	ENV	Environment	EFFECT	Effects	NMAJPB	No major problems created
INDIC_IN	Innovation indicator	NPBIP	Intellectual property legislation or regulation created no major problems	SUBJ_REGL	Subject of the regulation/legislation	IP	Intellectual property	EFFECT	Effects	NMAJPB	No major problems created
INDIC_IN	Innovation	NPBTAX	Tax legislation or regulation created no	SUBJ_REGL	Subject of the	TAX	Tax	EFFECT	Effects	NMAJPB	No major

	indicator			major problems		regulation/legislation					problems created
INDIC_IN	Innovation indicator	NPBEMP	Employment or social affairs legislation or regulation created no major problems	SUBJ_REGL	Subject of the regulation/legislation	EMPSWAS	Employment, worker safety or social affairs	EFFECT	Effects	NMAJPB	No major problems created
INDIC_IN	Innovation indicator	NPBOTH	Other legislation or regulation created no major problems	SUBJ_REGL	Subject of the regulation/legislation	OTH		EFFECT	Effects	NMAJPB	No major problems created
INDIC_IN	Innovation indicator	UNCPRS	Product safety / consumer protection legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	SPPC	Product safety, consumer protection	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	UNCOPS	Operational and worker safety legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	OWS	Operational and worker safety	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	UNCENV	Environmental legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	ENV	Environment	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	UNCIP	Intellectual property legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	IP	Intellectual property	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	UNCTAX	Tax legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	TAX	Tax	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	UNCEMP	Employment or social affairs legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	EMPSWAS	Employment, worker safety or social affairs	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	UNCOTH	Other legislation or regulation created uncertainty	SUBJ_REGL	Subject of the regulation/legislation	OTH	Other	EFFECT	Effects	UNC	Creation of uncertainty
INDIC_IN	Innovation indicator	BURPRS	Product safety / consumer protection legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	SPPC	Product safety, consumer protection	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	BUROPS	Operational and worker safety legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	OWS	Operational and worker safety	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	BURENV	Environmental legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	ENV	Environment	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	BURIP	Intellectual property legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	IP	Intellectual property	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	BURTAX	Tax (legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	TAX	Tax	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	BUREMP	Employment or social affairs legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	EMPSWAS	Employment, worker safety or social affairs	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	BUROTH	Other legislation or regulation generated an excessive burden	SUBJ_REGL	Subject of the regulation/legislation	OTH	Other	EFFECT	Effects	EXS_BUR	Generation of an excessive burden
INDIC_IN	Innovation indicator	CONPRS	Product safety / consumer protection legislation or regulation lacked consistency across the EU	SUBJ_REGL	Subject of the regulation/legislation	SPPC	Product safety, consumer protection	EFFECT	Effects	LCSI_EU	Lack of consistency across the EU
INDIC_IN	Innovation indicator	CONOPS	Operational and worker safety legislation or regulation lacked consistency across the EU	SUBJ_REGL	Subject of the regulation/legislation	OWS	Operational and worker safety	EFFECT	Effects	LCSI_EU	Lack of consistency across the EU
INDIC_IN	Innovation indicator	CONENV	Environmental legislation or regulation lacked consistency across the EU	SUBJ_REGL	Subject of the regulation/legislation	ENV	Environment	EFFECT	Effects	LCSI_EU	Lack of consistency across the EU
INDIC_IN	Innovation indicator	CONIP	Intellectual property legislation or regulation lacked consistency across the EU	SUBJ_REGL	Subject of the regulation/legislation	IP	Intellectual property	EFFECT	Effects	LCSI_EU	Lack of consistency across the EU
INDIC_IN	Innovation	CONTAX	Tax legislation or regulation lacked	SUBJ_REGL	Subject of the	TAX	Tax	EFFECT	Effects	LCSI_EU	Lack of

Old code list	Old code list label	Old code	Old code label	New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
	indicator		consistency across the EU		regulation/legislation						consistency across the EU
INDIC_IN	Innovation indicator	CONEMP	Employment or social affairs legislation or regulation lacked consistency across the EU	SUBJ_REGL	Subject of the regulation/legislation	EMPSWAS	Employment, worker safety or social affairs	EFFECT	Effects	LCSI_EU	Lack of consistency across the EU
INDIC_IN	Innovation indicator	CONOTH	Other legislation or regulation lacked consistency across the EU	SUBJ_REGL	Subject of the regulation/legislation	OTH	Other	EFFECT	Effects	LCSI_EU	Lack of consistency across the EU
INDIC_IN	Innovation indicator	NRPRS	Product safety / consumer protection legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	SPPC	Product safety, consumer protection	EFFECT	Effects	NIMPC	No impact
INDIC_IN	Innovation indicator	NROPS	Operational and worker safety legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	OWS	Operational and worker safety	EFFECT	Effects	NIMPC	No impact
INDIC_IN	Innovation indicator	NRENV	Environmental legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	ENV	Environment	EFFECT	Effects	NIMPC	No impact
INDIC_IN	Innovation indicator	NRIP	Intellectual property legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	IP	Intellectual property	EFFECT	Effects	NIMPC	No impact
INDIC_IN	Innovation indicator	NRTAX	Tax legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	TAX	Tax	EFFECT	Effects	NIMPC	No impact
INDIC_IN	Innovation indicator	NREMP	Employment or social affairs legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	EMPSWAS	Employment, worker safety or social affairs	EFFECT	Effects	NIMPC	No impact
INDIC_IN	Innovation indicator	NROTH	Other legislation or regulation not relevant	SUBJ_REGL	Subject of the regulation/legislation	OTH	Other	EFFECT	Effects	NIMPC	No impact

21. Innovative enterprises* whose innovation activities have been affected, or not affected, by legislation or regulations, by type of effect, NACE Rev.2 activity and size class (inn_cis10_legis)

* Enterprises that have either introduced an innovation or have any kind of innovation activity (including enterprises with abandoned/suspended or ongoing innovation activities) (old TYPE_INN 'INNO': new ENTERPR 'INN')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2		New code (2)	New code label (2)
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)		
INDIC_IN	Innovation indicator	REGINI_YES	Legislation or regulations initiated one or more innovation activities	EFFECT	Effects	INI	Initiation of one or more innovation activities	YES_NO	Survey answer -Yes/No	YES	Yes
INDIC_IN	Innovation indicator	REGINI_NO	Legislation or regulations did not initiate one or more innovation activities	EFFECT	Effects	INI	Initiation of one or more innovation activities	YES_NO	Survey answer -Yes/No	NO	No
INDIC_IN	Innovation indicator	REGRFR_YES	Legislation or regulations refrained from starting one or more innovation activities	EFFECT	Effects	PCL	Preclusion of starting one or more activities	YES_NO	Survey answer -Yes/No	YES	Yes
INDIC_IN	Innovation indicator	REGRFR_NO	Legislation or regulations did not refrain from starting one or more innovation activities	EFFECT	Effects	PCL	Preclusion of starting one or more activities	YES_NO	Survey answer -Yes/No	NO	No
INDIC_IN	Innovation indicator	REGSTP_YES	Legislation or regulations stopped one or more ongoing innovation activities	EFFECT	Effects	STOP_ONGO	Stop of one or more ongoing innovation activities	YES_NO	Survey answer -Yes/No	YES	Yes
INDIC_IN	Innovation indicator	REGSTP_NO	Legislation or regulations did not stop one or more ongoing innovation activities	EFFECT	Effects	STOP_ONGO	Stop of one or more ongoing innovation activities	YES_NO	Survey answer -Yes/No	NO	No
INDIC_IN	Innovation indicator	REGDLY_YES	Legislation or regulations delayed the completion of one or more innovation activities	EFFECT	Effects	D_END	Delay in the completion of one or more innovation activities	YES_NO	Survey answer -Yes/No	YES	Yes

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label		
INDIC_IN	Innovation indicator	REGDLY_NO	Legislation or regulations did not delay the completion of one or more innovation activities	EFFECT	Effects	D_END	Delay in the completion of one or more innovation activities	YES_NO	Survey answer -Yes/No	NO	No
INDIC_IN	Innovation indicator	REGINC_YES	Legislation or regulations increased the costs of one or more innovation activities	EFFECT	Effects	INCR_COST	Increase of the costs of one or more innovation activities	YES_NO	Survey answer -Yes/No	YES	Yes
INDIC_IN	Innovation indicator	REGINC_NO	Legislation or regulations did not increase the costs of one or more innovation activities	EFFECT	Effects	INCR_COST	Increase of the costs of one or more innovation activities	YES_NO	Survey answer -Yes/No	NO	No

22.   Enterprise that introduced innovation in logistics by type of innovation, NACE Rev. 2 activity and size class (inn_cis10_login)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	LOG_ALL	Enterprises which introduced innovations in logistics	INNOVAT	Type of innovation	LOG	Innovations in logistics
INDIC_IN	Innovation indicator	LGMGSY_YES	Enterprises which introduced inventory management system	INNOVAT	Type of innovation	IMS	Inventory management systems
INDIC_IN	Innovation indicator	LGDSMGT_YES	Enterprises which introduced digital supply chain management	INNOVAT	Type of innovation	DSCM	Digital supply chain management
INDIC_IN	Innovation indicator	LGEPROC_YES	Enterprises which introduced e-procurement	INNOVAT	Type of innovation	EPROC	E-procurement
INDIC_IN	Innovation indicator	LGUAID_YES	Enterprises which introduced unique and automatic identification of products within the whole supply chain	INNOVAT	Type of innovation	UNAIDF_WSUPCH	Unique and automatic identification of products within the whole supply chain
INDIC_IN	Innovation indicator	LGREV_YES	Enterprises which introduced reverse logistics	INNOVAT	Type of innovation	LOG_RVS	Reverse logistics
INDIC_IN	Innovation indicator	LGNWDM_YES	Enterprises which introduced new delivery models, including the use of alternatively fuelled vehicles or multi-modal logistics	INNOVAT	Type of innovation	NEWDLV_MDL	New delivery models, including the use of alternatively fuelled vehicles or multi-modal logistics
INDIC_IN	Innovation indicator	LGIMPS_YES	Enterprises which introduced other innovations in logistics	INNOVAT	Type of innovation	RDESG_SHPM	Redesign of shipment (packaging, weight and density)
INDIC_IN	Innovation indicator	LGOTH_YES	Enterprises that introduced another type of logistic innovation	INNOVAT	Type of innovation	LOG_OTH	Other innovations in logistics

23. Enterprises with expenditures for innovation in logistics by size classes of expenditure, NACE Rev. 2 activity and size class (inn_cis10_logexp)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	LGPC1	Enterprises which had between 0% and 4% expenses for logistics	SIZE_EXPN	Size classes of expenditure	PC0-4	From 0 to 4 percent
INDIC_IN	Innovation indicator	LGPC2	Enterprises which had between 5% and 9% expenses for logistics	SIZE_EXPN	Size classes of expenditure	PC5-9	From 5 to 9 percent
INDIC_IN	Innovation indicator	LGPC3	Enterprises which had between 10% and 24% expenses for logistics	SIZE_EXPN	Size classes of expenditure	PC10-24	From 10 to 24 percent
INDIC_IN	Innovation indicator	LGPC4	Enterprises which had more than 50% expenses for logistics	SIZE_EXPN	Size classes of expenditure	PC_GE50	50 percent or over
INDIC_IN	Innovation indicator	LGEXP0	Expenditures for innovations in logistics: Not applicable as no innovations in logistics were made	SIZE_EXPN	Size classes of expenditure	NAP	Not applicable
INDIC_IN	Innovation indicator	LGEXP1	Expenditures for innovations in logistics: less than 10,000 Euros	SIZE_EXPN	Size classes of expenditure	KE_LT10	Less than 10 000 euros
INDIC_IN	Innovation indicator	LGEXP2	Expenditures for innovations in logistics: 10,000 to less than 50,000 Euros	SIZE_EXPN	Size classes of expenditure	KE10-49	From 10 000 to 49 999 euros
INDIC_IN	Innovation	LGEXP3	Expenditures for innovations in logistics: 50,000 to less than 100,000	SIZE_EXPN	Size classes of expenditure	KE50-99	From 50 000 to 99 999 euros

			Euros				
INDIC_IN	Innovation indicator	LGEXP4	Expenditures for innovations in logistics: 100,000 to less than 250,000 Euros	SIZE_EXPN	Size classes of expenditure	KE100-249	From 100 000 to 249 999 euros
INDIC_IN	Innovation indicator	LGEXP5	Expenditures for innovations in logistics: 250,000 to less than 500,000 Euros	SIZE_EXPN	Size classes of expenditure	KE250-499	From 250 000 to 499 999 euros
INDIC_IN	Innovation indicator	LGEXP6	Expenditures for innovations in logistics: 500,000 to less than 1 million Euros	SIZE_EXPN	Size classes of expenditure	KE500-999	From 500 000 to 999 999 euros
INDIC_IN	Innovation indicator	LGEXP7	Expenditures for innovations in logistics: over 1 million Euros	SIZE_EXPN	Size classes of expenditure	ME_GE1	1 million euros or over
INDIC_IN	Innovation indicator	LGEXP8	Expenditures for innovations in logistics: don't know	SIZE_EXPN	Size classes of expenditure	UNK	Unknown

24. Enterprises that did not introduce innovation in logistics by barrier, NACE Rev. 2 activity and size class (inn_cis10_lognoin)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	New code list	New code list label	New code	New code label
INDIC_IN	Innovation indicator	LGFIN	Reason for not introducing innovations in logistics: Faced financial obstacles	BARRIER	Barrier	LFIN	Lack of finance
INDIC_IN	Innovation indicator	LGNORE	Reason for not introducing innovations in logistics: No compelling reason	BARRIER	Barrier	NCMPG	No compelling barrier
INDIC_IN	Innovation indicator	LGOBS	Reason for not introducing innovations in logistics: Enterprise considered innovating, but faced one or more obstacles	BARRIER	Barrier	BRR_GE1	One or more barriers
INDIC_IN	Innovation indicator	LGOTHO	Reason for not introducing innovations in logistics: Faced other obstacles	BARRIER	Barrier	OTH	Other barriers
INDIC_IN	Innovation indicator	LGOUTS	Reason for not introducing innovations in logistics: Enterprise outsourced logistics to another enterprise	BARRIER	Barrier	OUTSRC_LOG	Outsourced logistics to another enterprise
INDIC_IN	Innovation indicator	LGREG	Reason for not introducing innovations in logistics: Faced regulatory obstacles	BARRIER	Barrier	REG	Regulatory barriers
INDIC_IN	Innovation indicator	LGTEC	Reason for not introducing innovations in logistics: Faced technical obstacles	BARRIER	Barrier	TECH	Technical barriers

25. Enterprises which introduced innovations in logistics by reason of the introduction, level of importance of the reason, NACE Rev. 2 activity and size class (inn_cis10_loginr)
All enterprises (old TYPE_INN 'TOTAL': new ENTERPR 'TOTAL')

Old code list	Old code list label	Old code	Old code label	Dimension 1				Dimension 2			
				New code list (1)	New code list label (1)	New code (1)	New code label (1)	New code list (2)	New code list label (2)	New code (2)	New code label (2)
INDIC_IN	Innovation indicator	LGIMPF_HIGH	Enterprises for which to improve enterprise's performance was a highly important reason to introduce innovations in logistics	REASON	Reason	I_ENTPERF	Improving enterprise's performance	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	LGIMPF_NR	Enterprises for which to improve enterprise's performance was not an important reason to introduce innovations in logistics	REASON	Reason	I_ENTPERF	Improving enterprise's performance	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	LGINWMT_HIGH	Enterprises for which to open up new market opportunities was a highly important reason to introduce innovations in logistics	REASON	Reason	OP_OPPO_NEWMKT	Opening up new market opportunities	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	LGINWMT_NR	Enterprises for which to open up new market opportunities was not an	REASON	Reason	OP_OPPO_NEWMKT	Opening up new market	LEV_IMPT	Level of importance	NONE	Not important

INDIC_IN	Innovation indicator										
			important reason to introduce innovations in logistics				opportunities				
INDIC_IN	Innovation indicator	LGIRESC_HIGH	Enterprises for which to respond to cost pressures was a highly important reason to introduce innovations in logistics	REASON	Reason	R_COSTPR	Responding to cost pressures	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	LGIRESC_NR	Enterprises for which to respond to cost pressures was not an important reason to introduce innovations in logistics	REASON	Reason	R_COSTPR	Responding to cost pressures	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	LGRESMT_HIGH	Enterprises for which to respond to market pressures was a highly important reason to introduce innovations in logistics	REASON	Reason	R_MKTPR	Responding to market pressures	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	LGRESMT_NR	Enterprises for which to respond to market pressures was not an important reason to introduce innovations in logistics	REASON	Reason	R_MKTPR	Responding to market pressures	LEV_IMPT	Level of importance	NONE	Not important
INDIC_IN	Innovation indicator	LGRSPRV_HIGH	Enterprises for which to respond to existing or forthcoming regulatory provision was a highly important reason to introduce innovations in logistics	REASON	Reason	R_REGL	Responding to regulatory provisions	LEV_IMPT	Level of importance	HIGH	High importance
INDIC_IN	Innovation indicator	LGRSPRV_NR	Enterprises for which to respond to existing or forthcoming regulatory provision was not an important reason to introduce innovations in logistics	REASON	Reason	R_REGL	Responding to regulatory provisions	LEV_IMPT	Level of importance	NONE	Not important