

Annex 2. Detailed list of variables collected within the survey on research and experimental development

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
1	Research and experimental development	<i>Did a unit allocate in 2021 or is going to allocate in 2022 funds from government budget for research and experimental development (R&D)?</i>		<i>Yes / no</i>		Quality variable	year
2	Research equipment	<i>Research equipment fulfilling criteria for being included in fixed assets (in entity's books) received free of charge in 2021</i>			thousand PLN	Quantity variable	year
3	Research and experimental development	<i>Did a unit finance performance of research and experimental development by other unit with internal funds in 2021?</i>		<i>Answers yes/no</i>		Quality variable	year
4	Research and experimental development	<i>Internet funds on R&D performed outside a reporting unit</i>	Entities receiving funds Type of funds flow <i>Expand grouping</i>		thousand PLN	Quantity variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
5	Research and experimental development	<i>Out of intramural expenditures dedicated to technology</i>	Expenditures dedicated to technology <i>Expand grouping</i>		thousand PLN	Quantity variable	year
6	Research and experimental development	Intramural R&D expenditures	Source of funds Type of funds flow <i>Expand grouping</i>		thousand PLN	Quantity variable	year
7	Research and experimental development	Intramural R&D expenditures	Type of R&D Type of expenditures <i>Expand grouping</i>		thousand PLN	Quantity variable	year
8	Research and experimental development	Intramural R&D expenditures	Type of costs <i>Expand grouping</i>		thousand PLN	Quantity variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
9	Research and experimental development	Researchers	Main groups Education <i>Expand grouping</i>		FTE	Quantity variable	year
10	Research and experimental development	Researchers	Age Main groups Sex <i>Expand grouping</i>		headcount	Quantity variable	year
11	Research and experimental development	<i>Type of impact of COVID-19 pandemic on R&D</i>	Aspects of R&D <i>Expand grouping</i>	Type of COVID-19 impact		Quality variable	year
12	Research and experimental development	<i>Did a unit conduct R&D related to COVID-19 pandemic in 2021?</i>		<i>Answers yes/no</i>		Quality variable	year
13	Research and experimental development	<i>Intramural expenditures on R&D related to COVID-19 pandemic</i>			thousand PLN	Quantity variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
14	Research and experimental development	Researchers	Sex Main groups Education <i>Expand grouping</i>		headcount	Quantity variable	year
15	Address and territorial data	<i>Provide postcode and location of an organisational unit</i>				Address variable	year
16	Research and experimental development	Type of questionnaire		Type of questionnaire		Quality variable	year
17	Research and experimental development	Share of intramural expenditures	Dedicated NACE Rev. 2 <i>Expand grouping</i>		%	Quantity variable	year
18	Research and experimental development	Share of intramural expenditures	Socio-economic objectives		%	Quantity variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
			<i>Expand grouping</i>				
19	Research and experimental development	Share of intramural expenditures	Fields of R&D <i>Expand grouping</i>		%	Quantity variable	year
20	Research and experimental development	Researchers	Citizenship Sex Main groups <i>Expand grouping</i>		headcount	Quantity variable	year
21	Research and experimental development	R&D personnel	Sex Personnel groups Education <i>Expand grouping</i>		headcount	Quantity variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
22	Research and experimental development	External R&D personnel	Sex R&D function <i>Expand grouping</i>		headcount FTE	Quantity variable	year
23	Research and experimental development	Having branches, divisions, research centres or other organisational units in which research and experimental development were conducted or R&D was financed/outsourced		<i>Answers yes/no</i>		Quality variable	year
24	Research and experimental development	R&D personnel (internal personnel)	Sex R&D function <i>Expand grouping</i>		headcount FTE	Quantity variable	year
25	Persons employed, including employees	Persons employed			headcount	Quantity variable	31 December
26	Research and experimental development	Conducting research and experimental development (R&D)		<i>Answers yes/no</i>		Quality variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
27	Research and experimental development	Funds allocated for research and experimental development	Socio-economic objectives Year of allocation <i>Expand grouping</i>		thousand PLN	Quantity variable	current and previous year
28	Features of enterprise groups	Belonging to an enterprise group		<i>Yes / no</i>		Quality variable	year
29	Research equipment	Value of amortisation of research equipment			thousand PLN	Quantity variable	31 December
30	Research equipment	Gross value of research equipment			thousand PLN	Quantity variable	31 December
31	Identification data	REGON				Identification variable	
32	Intellectual property	Granted exclusive rights for industrial property objects	Type of office <i>Expand grouping</i>		number	Quantity variable	year

No.	Package	Variable / question	Basic groupings	List of admissible answers to questions	Measurement unit	Type of variable	Observation period
33	Intellectual property	Patent application submitted to the Patent Office of the Republic of Poland planned for submission to foreign patent offices			number	Quantity variable	year
34	Intellectual property	Applications for protection of exclusive rights for industrial property objects	Type of application <i>Expand grouping</i>		number	Quantity variable	year