

# ALLBUS – Small-scale Geodata Usage in the Secure Data Center (SDC)

To be able to give you proper support during the application process and for the purpose of creating your ALLBUS working dataset, we would like you to provide some details about you and your project.

1.	Please enter your name and the institution you are working for.							
2.	Give a brief outline of your research project and its scientific relevance.							
3.	Please state the (provisional) title and intended publication format of your project (e.g. article in science journal, book chapter, monograph). If you plan to publish your analyses in more than one							
	publication, please name all of them.							
4.	Please list all the ALLBUS studies you would like to use, including the corresponding study number (e.g. 'ZA5270 ALLBUS 2018').							
	(0.6. 27.027.0 7.122.00 2.010 ).							
5.	Data minimization is one of the guiding principles of FDZ ALLBUS. This means that you will only							
	have access to those restricted variables that you expressly require for your research project. You can							
	find a comprehensive overview of the type of data available in the Variable Report. Note that not all							

Finally, since the INSPIRE ID harbours special de-anonymisation potential, we must ask you to demonstrate why the use of the INSPIRE ID is necessary for your project.

variables are available for all years. On the following pages, please check all the variables that you

would like to use in your analyses.

# Infrastructure for SPatial InfoRmation in Europe (INSPIRE) ID

'14	'16	'18	Variable	Description
			inspidkm	INSPIRE ID 1 KM GRID CELL
				Please give reasons:

# 1km Grid Cells (German Census 2011)

'14	'16	'18	Variable	Description				
Pop	Population Density							
			popkm	NUMBER INHABITANTS IN 1 KM GRID CELL				
			popkmc	NUMBER INHABITANTS IN 1 KM GRID CELL CATEGORICAL				
Age								
			agekm	AVERAGE AGE IN 1 KM GRID CELL				
		$\overline{\Box}$	agekmc	AVERAGE AGE IN 1 KM GRID CELL CATEGORICAL				
		$\overline{\Box}$	u18km	PERCENTAGE UNDER-18-YEAR-OLDS IN 1 KM GRID CELL				
		$\Box$	u18kmc	PERCENTAGE UNDER-18-YEAR-OLDS IN 1 KM GRID CELL				
				CATEGORICAL				
			o65km	PERCENTAGE OVER-65-YEAR-OLDS IN 1 KM GRID CELL				
			o65kmc	PERCENTAGE OVER-65-YEAR-OLDS IN 1 KM GRID CELL				
				CATEGORICAL				
Gen	der							
			womenkm	PERCENTAGE WOMEN IN 1 KM GRID CELL				
			womenkmc	PERCENTAGE WOMEN IN 1 KM GRID CELL CATEGORICAL				
lmn	iigran	ts						
			immikm	PERCENTAGE IMMIGRANTS IN 1 KM GRID CELL				
			immikmc	PERCENTAGE IMMIGRANTS IN 1 KM GRID CELL CATEGORICAL				
Hou	sing							
			vacankm	VACANCY RATE IN 1 KM GRID CELL				
$\overline{\Box}$		$\overline{\Box}$	vacankmc	VACANCY RATE IN 1 KM GRID CELL CATEGORICAL				
$\overline{\Box}$		$\overline{\Box}$	hhsizkm	AVERAGE HOUSEHOLD SIZE IN 1 KM GRID CELL				
		$\overline{\Box}$	hhsizkmc	AVERAGE HOUSEHOLD SIZE IN 1 KM GRID CELL CATEGORICAL				
	$\overline{\Box}$	$\overline{\Box}$	lsppkm	AVERAGE LIVING SPACE PER PERSON IN 1 KM GRID CELL				
Ħ	$\overline{\Box}$	П	Isppkmc	AVERAGE LIVING SPACE PER PERSON IN 1 KM GRID CELL				
			ізрркіне	CATEGORICAL				
			lsfltkm	AVERAGE LIVING SPACE PER HOME IN 1 KM GRID CELL				
			lsfltkmc	AVERAGE LIVING SPACE PER HOME IN 1 KM GRID CELL				
				CATEGORICAL				

# 100m Grid Cells (German Census 2011)

'14 '1	6	'18	Variable	Description		
Popula	Population Density					
			popha	NUMBER INHABITANTS IN 100 M GRID CELL		
Age						
	] [		ageha10	NUMBER OF PERSONS UNDER 10 YEARS		
			ageha19	NUMBER OF PERSONS 10-19 YEARS		
			ageha29	NUMBER OF PERSONS 20-29 YEARS		
			ageha39	NUMBER OF PERSONS 30-39 YEARS		
			ageha49	NUMBER OF PERSONS 40-49 YEARS		
			ageha59	NUMBER OF PERSONS 50-59 YEARS		
			ageha69	NUMBER OF PERSONS 60-69 YEARS		
			ageha79	NUMBER OF PERSONS 70-79 YEARS		
			ageha80	NUMBER OF PERSONS 80 YEARS AND OLDER		
			nu18ha	NUMBER OF PERSONS UNDER 18 YEARS		
			no65ha	NUMBER OF PERSONS 65 YEARS AND OLDER		
Gender						
			nwomen	NUMBER OF FEMALES		
			nmen	NUMBER OF MALES		
			womenha	PERCENTAGE OF WOMEN IN 100 M GRID CELL		
Marita	Sta	atus				
			martlst1	NUMBER OF UNMARRIED PERSONS		
			martlst2	NUMBER OF MARRIED PERSONS		
			martlst3	NUMBER OF WIDOWED PERSONS		
			martlst4	NUMBER OF DIVORCED PERSONS		
			martlst5	NUMBER OF PERSONS IN CIVIL PARTNERSHIP		
Religio	n					
			relcath	NUMBER OF ROMAN-CATHOLICS		
			relprot	NUMBER OF PROTESTANTS		
			relelse	NUMBER OF PERSONS OTHER RELIGION/NO RELIGION/NO		
				RESPONSE		
Citizen	ship	)				
			immiha	PERCENTAGE OF IMMIGRANTS IN 100 M GRID CELL		
			natger	NUMBER OF PERSONS WITH GERMAN CITIZENSHIP		
			natfor	NUMBER OF PERSONS WITH FOREIGN CITIZENSHIP		
			nateu	NUMBER OF PERSONS WITH EU27 CITIZENSHIP		
			nateurp	NUMBER OF PERSONS WITH OTHER EUROPEAN CITIZENSHIP		
			natelse1	NUMBER OF PERSONS WITH NON-EUROPEAN CITIZENSHIP		
			natba	NUMBER OF PERSONS WITH CITIZENSHIP BOSNIA AND		
_	¬ -			HERZEGOVINA		
			natgr	NUMBER OF PERSONS WITH CITIZENSHIP GREECE		

'14	'16 '18	Variable	Description
		natit	NUMBER OF PERSONS WITH CITIZENSHIP ITALY
		natkz	NUMBER OF PERSONS WITH CITIZENSHIP KAZAKHSTAN
		nathr	NUMBER OF PERSONS WITH CITIZENSHIP CROATIA
		natnl	NUMBER OF PERSONS WITH CITIZENSHIP NETHERLANDS
		natat	NUMBER OF PERSONS WITH CITIZENSHIP AUSTRIA
		natpl	NUMBER OF PERSONS WITH CITIZENSHIP POLAND
		natro	NUMBER OF PERSONS WITH CITIZENSHIP ROMANIA
		natru	NUMBER OF PERSONS WITH CITIZENSHIP RUSSIA
		nattr	NUMBER OF PERSONS WITH CITIZENSHIP TURKEY
		natua	NUMBER OF PERSONS WITH CITIZENSHIP UKRAINE
		natelse2	NUMBER OF PERSONS WITH CITIZENSHIP OTHER COUNTRY
		nnat1	NUMBER OF PERSONS WITH ONE CITIZENSHIP
		nnat2	NUMBER OF PERSONS WITH GERMAN AND FOREIGN
			CITIZENSHIP
		nnat3	NUMBER OF PERSONS WITH SEVERAL FOREIGN CITIZENSHIPS
Cou	ntry of Bi	rth	
		brthger	NUMBER OF PERSONS BORN IN GERMANY
		brtheu	NUMBER OF PERSONS BORN IN EU27 COUNTRIES
		brtheurp	NUMBER OF PERSONS BORN IN OTHER EUROPEAN COUNTRY
		brthelse	NUMBER OF PERSONS BORN IN NON-EUROPEAN COUNTRY
Hou	ıseholds		
		nhhha	NUMBER OF HOUSEHOLDS IN 100M GRID CELL
Hou	sehold Siz	ze	
		hhsize2	NUMBER OF 2 PERSON HOUSEHOLDS
		hhsize3	NUMBER OF 3 PERSON HOUSEHOLDS
		hhsize4	NUMBER OF 4 PERSON HOUSEHOLDS
		hhsize5	NUMBER OF 5 PERSON HOUSEHOLDS
		hhsize6	NUMBER OF 6+ PERSON HOUSEHOLDS
Hou	sehold Ty	pe	
		hhtyp1	NUMBER OF 1 PERSON HOUSEHOLDS
		hhtyp2	NUMBER OF HOUSEHOLDS WITH MARRIED COUPLES
		hhtyp3	NUMBER OF HOUSEHOLDS WITH UNMARRIED HETEROSEXUAL
			COUPLES
		hhtyp4	NUMBER OF HOUSEHOLDS WITH COUPLES IN CIVIL
			PARTNERSHIP
		hhtyp5	NUMBER OF HOUSEHOLDS CONTAINING COUPLES WITHOUT
			CHILDREN
		hhtyp6	NUMBER OF HOUSEHOLDS CONTAINING COUPLES WITH
			CHILDREN
		hhtyp7	NUMBER OF MULTI-PERSON HOUSEHOLDS WITHOUT FAMILY CORE

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'14	'16	'18	Variable	Description
			hhtyp8	NUMBER OF HOUSEHOLDS WITH ONLY SENIOR CITIZENS
			hhtyp9	NUMBER OF HOUSEHOLDS WITH SENIOR CITIZENS AND OTHER
				PEOPLE
			hhtyp10	NUMBER OF HOUSEHOLDS WITHOUT SENIOR CITIZENS
Fan	nilies			
			nfamha	NUMBER OF FAMILIES IN 100 M GRID CELL
Fan	nily Si	ze		
			famsize2	NUMBER OF FAMILIES WITH 2 PERSONS
			famsize3	NUMBER OF FAMILIES WITH 3 PERSONS
			famsize4	NUMBER OF FAMILIES WITH 4 PERSONS
			famsize5	NUMBER OF FAMILIES WITH 5 PERSONS
			famsize6	NUMBER OF FAMILIES WITH 6 OR MORE PERSONS
Fan	nily Ty	/pe		
			famtyp1	NUMBER OF MARRIED COUPLES WITHOUT CHILDREN
			famtyp2	NUMBER OF MARRIED COUPLES AT LEAST 1 CHILD <18 YEARS
			famtyp3	NUMBER OF MARRIED COUPLES WITH CHILDREN $>=$ 18 YEARS
			famtyp4	NUMBER OF UNMARRIED COUPLES WITHOUT CHILDREN
			famtyp5	NUMBER OF UNMARRIED COUPLES AT LEAST 1 CHILD $<$ 18
				YEARS
			famtyp6	NUMBER OF UNMARRIED COUPLES WITH CHILDRE $>=$ 18 YEARS
			famtyp7	NUMBER OF SINGLE PARENTS
			famtyp8	NUMBER OF SINGLE MOTHERS
			famtyp9	NUMBER OF SINGLE MOTHERS AT LEAST 1 CHILD <18 YEARS
			famtyp10	NUMBER OF SINGLE MOTHERS WITH CHILDREN >=18 YEARS
			famtyp11	NUMBER OF SINGLE FATHERS
			famtyp12	NUMBER OF SINGLE FATHERS AT LEAST 1 CHILD <18 YEARS
			famtyp13	NUMBER OF SINGLE FATHERS WITH CHILDREN >=18 YEARS
Buil	ldings			
			nbldha	NUMBER OF BUILDINGS IN 100 M GRID CELL
Yea	r of C	onsti	ruction	NUMBER OF BUILDINGS BUILT BEFORE 4040
			bldyear1	NUMBER OF BUILDINGS BUILT BEFORE 1919
			bldyear2	NUMBER OF BUILDINGS BUILT 1919-1948
			bldyear3	NUMBER OF BUILDINGS BUILT 1949-1978
			bldyear4	NUMBER OF BUILDINGS BUILT 1979-1986
			bldyear5	NUMBER OF BUILDINGS BUILT 1987-1990
			bldyear6	NUMBER OF BUILDINGS BUILT 1991-1995
			bldyear7	NUMBER OF BUILDINGS BUILT 1996-2000
			bldyear8	NUMBER OF BUILDINGS BUILT 2001-2004
			bldyear9	NUMBER OF BUILDINGS BUILT 2005-2008  NUMBER OF BUILDINGS BUILT 2009 AND AFTER
			bldyear10	MOMBER OF BUILDINGS BUILT 2008 AND AFTER

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'14	'16	'18	Variable	Description			
Тур	Type of Ownership						
			bldown1	NUMBER OF BUILDINGS OWNED BY COMMUNITY OF OWNERS			
			bldown2	NUMBER OF BUILDINGS OWNED BY PRIVATE PERSONS			
			bldown3	NUMBER OF BUILDINGS OWNED BY HOUSING COOPERATIVES			
			bldown4	NUMBER OF BUILDINGS OWNED BY MUNICIPAL HOUSING			
				COMPANIES			
			bldown5	NUMBER OF BUILDINGS OWNED BY COMMERCIAL HOUSING			
				COMPANIES			
			bldown6	NUMBER OF BUILDINGS OWNED BY OTHER COMMERCIAL			
				ENTERPRISES			
			bldown7	NUMBER OF BUILDINGS OWNED BY STATE OR FEDERAL			
				GOVERNMENT			
			bldown8	NUMBER OF BUILDINGS OWNED BY NON-PROFIT			
				ORGANISATIONS			
Тур	e of I	Buildi	ng				
			bldtyp1	NUMBER OF DETACHED HOUSES			
			bldtyp2	NUMBER OF SEMI-DETACHED HOUSES			
			bldtyp3	NUMBER OF TERRACED HOUSES			
			bldtyp4	NUMBER OF OTHER TYPE OF BUILDING			
Тур	e and	l Size	of Building				
			bldsize1	NUMBER OF SINGLE-FAMILY HOMES: DETACHED HOUSE			
			bldsize2	NUMBER OF SINGLE-FAMILY HOMES: SEMI-DETACHED HOUSE			
			bldsize3	NUMBER OF SINGLE-FAMILY HOMES: TERRACED HOUSE			
			bldsize4	NUMBER OF TWO-FAMILY HOMES: DETACHED HOUSE			
			bldsize5	NUMBER OF TWO-FAMILY HOMES: SEMI-DETACHED HOUSE			
			bldsize6	NUMBER OF TWO-FAMILY HOMES: TERRACED HOUSE			
Nun	nber	of Un	its per Bui	lding			
			bldsize7	NUMBER OF MULTI-FAMILY HOMES 3-6 UNITS			
			bldsize8	NUMBER OF MULTI-FAMILY HOMES 7-12 UNITS			
			bldsize9	NUMBER OF MULTI-FAMILY HOMES 13 UNITS AND MORE			
			bldsize10	NUMBER OF BUILDINGS WITH OTHER SIZE			
			bldflat1	NUMBER OF BUILDINGS WITH ONE UNIT			
			bldflat2	NUMBER OF BUILDINGS WITH TWO UNITS			
			bldflat3	NUMBER OF BUILDINGS WITH 3-6 UNITS			
		Ц	bldflat4	NUMBER OF BUILDINGS WITH 7-12 UNITS			
			bldflat5	NUMBER OF BUILDINGS WITH 13 UNITS AND MORE			
Тур	e of I	Heatii	ıg				
			bldheat1	NUMBER OF BUILDINGS WITH DISTRICT HEATING			
			bldheat2	NUMBER OF BUILDINGS WITH SELF-CONTAINED HEATING			
			bldheat3	NUMBER OF BUILDINGS WITH BLOCK HEATING			
			bldheat4	NUMBER OF BUILDINGS WITH CENTRAL HEATING			

#### (continued)

'14	'16	'18	Variable	Description
			bldheat5	NUMBER OF BUILDINGS WITH SINGLE-/MULTI-ROOM STOVES

### **Environmental Noise Data**

'14 '16 '18	Variable	Description				
Road Traffic Noise						
	roadm	ROAD TRAFFIC NOISE MEAN DAY EVENING NIGHT				
	roadm60	DISTANCE NEXT $60 - < 65$ DB SOURCE ROAD TRAFFIC NOISE MEAN DAY EVENING NIGHT (IN M)				
	roadm65	DISTANCE NEXT 65 - <70 DB SOURCE ROAD TRAFFIC NOISE MEAN DAY EVENING NIGHT (IN M)				
	roadm70	DISTANCE NEXT 70 - $<$ 75 DB SOURCE ROAD TRAFFIC NOISE MEAN DAY EVENING NIGHT (IN M)				
	roadn	ROAD TRAFFIC NOISE NIGHT				
	roadn50	DISTANCE NEXT 50 - $<$ 55 DB SOURCE ROAD TRAFFIC NOISE NIGHT (IN M)				
	roadn55	DISTANCE NEXT 55 - $<$ 60 DB SOURCE ROAD TRAFFIC NOISE NIGHT (IN M)				
	roadn60	DISTANCE NEXT $60 - < 65$ DB SOURCE ROAD TRAFFIC NOISE NIGHT (IN M)				
Rail Traffic No	oise					
	railm	RAIL TRAFFIC NOISE MEAN DAY EVENING NIGHT				
	railm60	DISTANCE NEXT 60 - <65 DB SOURCE RAIL TRAFFIC NOISE MEAN DAY EVENING NIGHT (IN M)				
	railn	RAIL TRAFFIC NOISE NIGHT				
	railn50	DISTANCE NEXT 50 - $<$ 55 DB SOURCE RAIL TRAFFIC NOISE NIGHT (IN M)				
Aircraft Noise						
	airm	AIRCRAFT NOISE MEAN DAY EVENING NIGHT				
	airm60	DISTANCE NEXT $60 - < 65$ DB SOURCE AIRCRAFT NOISE MEAN DAY EVENING NIGHT (IN M)				
	airn	AIRCRAFT NOISE NIGHT				
	airn50	DISTANCE NEXT 50 - $<$ 55 DB SOURCE AIRCRAFT NOISE NIGHT (IN M)				