

Ruhr Metropolis - Facts & Figures

Location profile for Hagen, district-free city

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Facts and Figures for the cities and districts of the Ruhr Metropolis

Business Metropole Ruhr GmbH makes available the statistical key figures for cities, towns and districts of the Ruhr Metropolis (territory of the Regionalverband Ruhr, hereinafter referred to as "RM"). The requirements profile for the data was developed and co-ordinated together with the municipal business development bodies of the region in the "Regional Knowledge Management" working group. The statistical key figures are used in a uniform manner in the region and serve the purpose of common, regional knowledge management.

The base is provided for Business Metropole Ruhr GmbH by Information und Technik Nordrhein-Westfalen (IT.NRW) and the Bundesagentur für Arbeit (federal employment agency - BA) and updated annually (September).

For population data this edition of the location profile solely uses population figures derived from the 2011 census.

Land-use mapping of the RM*) 2008

Type of use	area studied		all parishes of the		
			district	RM	state
	m ²		%		
Total area	160,504,156	100	x	100	100
Built-up area	27,108,451	16.9	x	17.3	.
Green space	15,575,501	9.7	x	10.7	.
Transport space	10,856,656	6.8	x	6.7	.
Water	3,152,999	2.0	x	2.8	.
Supply	1,164,150	0.7	x	1.0	.
Agriculture	27,515,321	17.1	x	39.0	.
Forestry	68,313,322	42.6	x	18.2	.
Unused space	5,129,212	3.2	x	3.4	.
Heaps, excavation sites etc.	1,688,542	1.1	x	0.9	.

*) Total area not the same as cadastral area due to rounding-off and digitalisation processes

Distance to international airports in NRW

Distance in km	area studied	all parishes of the		
		district	RM	state
Düsseldorf (DUS)	71.4	x	x	x
Köln/Bonn (CGN)	81.8	x	x	x
Münster (FMO)	101.0	x	x	x
Dortmund (DTM)	31.2	x	x	x
Paderborn (PAD)	95.9	x	x	x
Mönchengladbach (MGL)	93.9	x	x	x
Weeze (NRN)	136.0	x	x	x

Density of population, settlement and transport on 31/12/2017

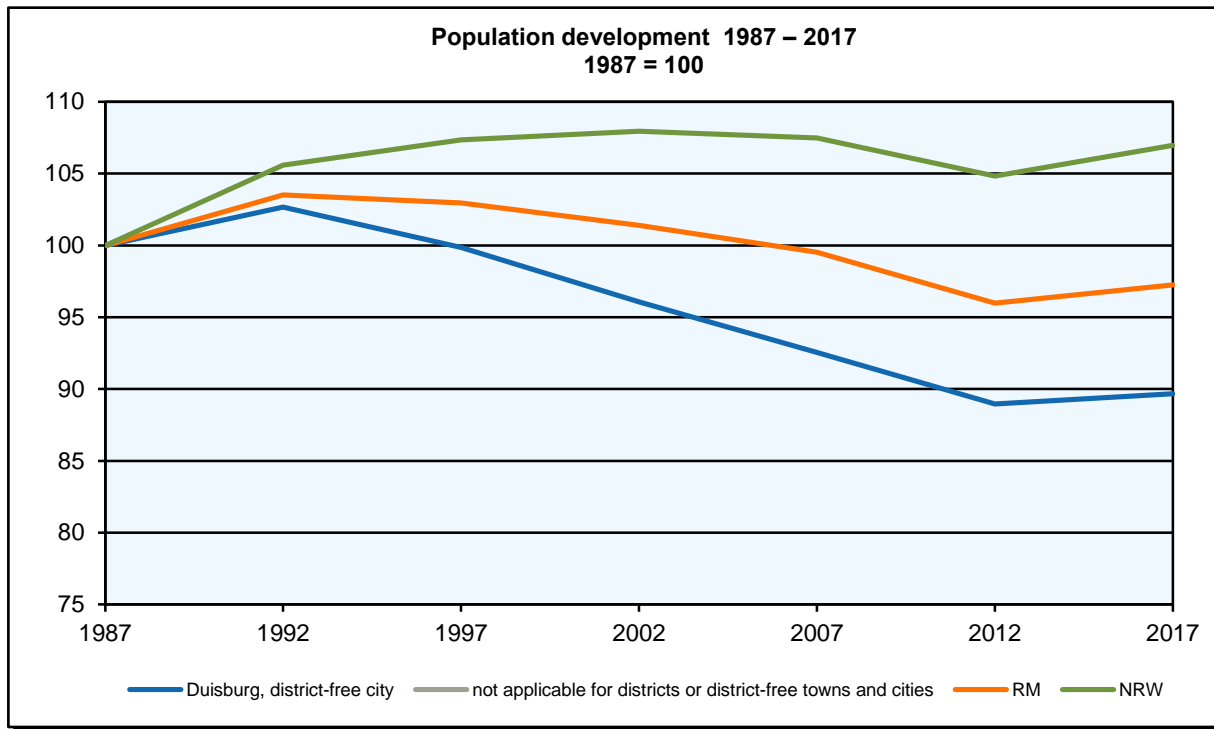
Inhabitants per km ²	area studied	all parishes of the		
		district	RM	state
Total population density	1,169.6	x	1,151.8	525.5
Density of settlement and transport ¹⁾	4,944.8	x	4,794.0	.

1) Population density relating to built-up area (settlement and transport areas)

Population 31/12/1987 – 31/12/2017

Population group	1987	1992	1997	2002	2007	2012	2017
Total population	209,344	214,912	209,027	201,109	193,748	186,243	187,730
Male	99,282	102,961	100,178	96,325	93,124	89,994	91,443
Female	110,062	111,951	108,849	104,784	100,624	96,249	96,287
German ¹⁾	187,871	186,568	178,229	173,728	168,396	162,668	155,082
Non-German ¹⁾	21,473	28,344	30,798	27,381	25,352	23,575	32,648

1) The distinction "German/non-German" is influenced from the 2000 reporting year onwards by the nationality law reform of July 1999; estimated values up to and including 1986.



Population level and movement 2010 – 2016

Characteristic		2010	2011	2012	2013	2014	2015	2016
a = Total								
b = Non-German ¹⁾								
c = per 1,000 inhabitants								
Population level on 31/12/ ²⁾	a	188,529	187,333	186,243	185,996	186,716	189,044	188,266
	b	24,197	23,527	23,575	24,337	26,034	30,088	31,279
Live births	a	1,513	1,431	1,424	1,506	1,627	1,764	1,844
	b	112	91	80	134	168	258	380
Deceased	a	2,410	2,397	2,398	2,478	2,363	2,549	2,485
	b	85	89	99	88	98	108	114
Excess of births (+) respectively deaths (-)	a	- 897	- 966	- 974	- 972	- 736	- 785	- 641
	b	+ 27	+ 2	- 19	+ 46	+ 70	+ 150	+ 266
Moved in	a	5,737	6,856	6,764	7,905	8,561	11,276	10,914
	b	1,889	2,597	2,722	3,636	4,588	7,768	7,109
Moved away	a	6,421	6,967	6,940	7,318	7,282	8,271	10,947
	b	1,676	2,040	2,113	2,478	2,624	3,501	5,667
Excess of moved in (+) respectively moved away (-)	a	-684	-111	-176	587	1,279	3,005	-33
	b	213	557	609	1,158	1,964	4,267	1,442
Total balance ³⁾	a	-1 592	-1 196	-1 090	- 247	+ 720	+2 328	- 778
	b	- 274	- 670	+ 48	+ 762	+1 697	+4 054	+1 191
	c	- 8.4	- 6.4	- 5.9	- 1.3	+ 3.9	+ 12.3	- 4.1

1) The distinction "German/non-German" is influenced from the 2000 reporting year onwards by the nationality law reform of July 1999. – 2) 2016: For six municipalities, the result at hand – which has amongst others been determined based on the information passed on to registration authorities – is implausible. Thus, the accuracy of the results from the superordinate administrative districts is restricted – 3) Including inventory corrections due to subsequently corrected registrations and including cases of change to German nationality.

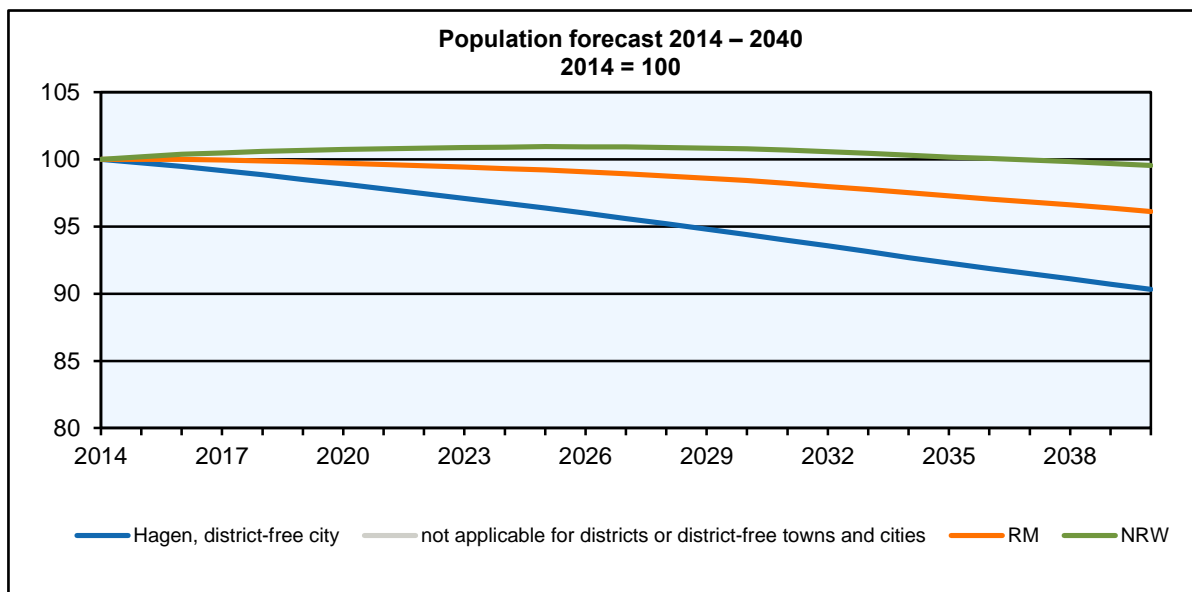
Population structure on 31/12/2017

Population	area studied		all parishes of the		
			district	RM	state
	number		%		
Total population	187,730	100	x	100	100
of which aged ... years					
below 6	10,675	5.7	x	5.4	5.6
6 to under 18	21,371	11.4	x	10.7	11.1
18 to under 25	14,475	7.7	x	7.8	8.1
25 to under 30	11,527	6.1	x	6.5	6.4
30 to under 40	21,406	11.4	x	12.0	12.2
40 to under 50	23,736	12.6	x	12.9	13.0
50 to under 60	30,165	16.1	x	16.1	16.3
60 to under 65	12,228	6.5	x	6.7	6.4
65 and more	42,147	22.5	x	21.8	20.9
18 to under 65	113,537	60.5	x	62.1	62.4
Female	96,287	51.3	x	51.1	50.9
Non-German ¹⁾	32,648	17.4	x	14.0	12.8

1) The distinction "German/non-German" is influenced from the 2000 reporting year onwards by the nationality law reform of July 1999.

Migration across municipality borders as average of the years 2012 – 2016

Moved in or moved away	area studied		all parishes of the		
			district	RM	state
	number		%		
Total newcomers	9,084	100	x	100	100
of which aged ... years					
under 18	1,906	21.0	x	17.5	16.0
18 to under 25	1,673	18.4	x	21.0	21.8
25 to under 30	1,468	16.2	x	17.4	17.8
30 to under 50	2,900	31.9	x	31.3	31.4
50 to under 65	792	8.7	x	8.5	8.5
65 and more	345	3.8	x	4.3	4.4
18 to under 65	6,833	75.2	x	78.2	79.6
Non-Germans	5,165	56.9	x	46.1	42.7
Total departures	8,152	100	x	100	100
of which aged ... years					
under 18	1,237	15.2	x	14.9	14.0
18 to under 25	1,568	19.2	x	19.7	21.1
25 to under 30	1,359	16.7	x	17.7	18.0
30 to under 50	2,679	32.9	x	32.2	32.1
50 to under 65	802	9.8	x	9.7	9.5
65 and more	507	6.2	x	5.8	5.4
18 to under 65	6,408	78.6	x	79.3	80.7
Non-Germans	3,277	40.2	x	34.7	33.6



Foreign population according to nationality on 31/12/2017*)

Ranking no.	Nationality	total			male	female
		number	Total share of population in %	Total share of foreigners in %		
1	Turkey	7,315	3.9	20.3	3,645	3,670
2	Italy	3,650	1.9	10.2	2,090	1,560
3	Greece	3,330	1.8	9.3	1,740	1,590
4	Syria, Arab Republic	3,230	1.7	9.0	1,980	1,245
5	Romania	3,030	1.6	8.4	1,560	1,470
6	Poland	2,615	1.4	7.3	1,195	1,420
7	Bulgaria	1,435	0.8	4.0	730	705
8	Portugal	1,085	0.6	3.0	545	535
9	Croatia	920	0.5	2.6	495	425
10	Kosovo	915	0.5	2.5	455	460
11	Serbia excluding Kosovo	720	0.4	2.0	365	360
12	Bosnia and Herzegovina	610	0.3	1.7	320	295
13	Spain	570	0.3	1.6	305	265
14	Morocco	560	0.3	1.6	265	295
15	Iraq	420	0.2	1.2	265	150

*) For reasons of confidentiality (§ 16 Federal Statistics Law), data from the foreigner statistics beginning from the reporting year 2016 are only passed on rounded. The deviation between rounded and not rounded values is ± 2 persons maximum.

Healthcare

Population	area studied	all parishes of the		
		district	RM	state
Hospitals on 31/12/2016				
Number	5	x	100	348
Actual beds in hospitals	1,690	x	39,647	119,645
Doctors in hospitals	.	x	.	41,262
Care staff in hospitals	.	x	.	102,081
Chemists 2016	32	x	996	3,576
Day care facilities for children on 01/03/2017				
Day care facilities for children	102	x	2,481	9,943
Approved places	5,995	x	154,135	588,190

Educational structure of the population 2017*)

Population	area studied	all parishes of the		
		district	RM	state
		in 1000		
According to highest general school-leaving qualification	160	x	4,394	15,290
Primary and secondary school qualification	61	x	1,619	5,128
Comprehensive school or equivalent qualification	33	x	916	3,366
Qualification for university or university of applied sciences entrance (Abitur)	44	x	1,371	5,256
According to highest vocational training qualification	160	x	4,394	15,290
Apprenticeship / vocational training in dual system	74	x	2,080	7,034
Technical school qualification	10	x	314	1,085
Academic qualification (Bachelor, Master, Diploma) without vocational qualification	19	x	581	2,476
	56	x	1,404	4,655

*) Population at primary place of residence, from the age of 15.

To "Academic Qualification (Bachelor, Master, Diploma, PhD)": Until 2015 university/university of applied sciences qualification / PhD.

From 2016 the qualifications Bachelor, Master, Diploma and PhD are represented in the Academic Qualifications category, regardless of where these were acquired. Until 2015 the educational institution was the focus.

General education schools on 15/10/2016

Characteristic	total ¹⁾	Primary school ²⁾	General school ²⁾	Secondary school	Grammar school	Comprehensive school	Special school
Schools	62	30	5	6	8	4	5
Pupils	21,991	6,789	1,228	2,252	5,448	3,838	774
Share of foreigners in %	17.3	21.9	41.6	12.5	8.0	11.8	18.6
Distribution in the 7th grade across school forms in %	100.0	x	11.2	14.0	33.1	26.6	4.0
Pupils per class ³⁾	28.8	24.3	21.9	25.9	26.3	27.0	11.9
School leaving	2,272	–	271	423	708	570	81
without secondary school qualification	120	–	46	1	6	2	65
with secondary school qualification after grade 9	64	–	32	7	3	6	13
with qualification endorsement	12	–	1	7	1	3	–
with secondary school qualification after grade 10	273	–	109	11	–	145	3
with technical college entrance qualification	801	–	84	404	33	172	–
with qualification endorsement	360	–	25	208	33	45	–
with university of applied science entrance qualification	130	–	–	–	51	39	–
with university entrance qualification	884	–	–	–	615	206	–
Teachers⁴⁾	1,748	463	112	157	406	317	151
female in %	71.1	92.2	60.7	69.4	60.8	61.2	75.5
full-time in %	66.0	54.0	87.5	63.1	68.5	71.9	70.2

1) Where applicable including independent Waldorf schools and further education colleges. – 2) Where applicable including primary schools not yet reorganised. – 3) Where applicable exclusively Secondary Stage II. – 4) Full-time and teachers governed by collective pay agreement.

Vocational schools on 15/10/2016

Characteristic	total ¹⁾	Vocational school	Elementary vocational school ²⁾	Vocational college	Technical college	Technical school
Schools	6	6	–	5	3	4
Pupils	9,474	6,825	–	1,311	411	512
Share of foreigners in %	13.2	13.4	–	18.0	10.7	4.7
Teachers ³⁾	381

1) Number of school organisations under single management. – 2) Including vocational preparation year. –

3) Full-time and teachers governed by collective pay agreement.

Students and passed university examinations in the Ruhr Metropolis in 2016

Subject group/study field	students (WS 15/16)	passed university examinations				
		University degree	PhD	Teacher training	University of applied sciences degree	Art or other qualification
Total	271,296	15,477	1,560	3,684	11,648	135
Language and cultural sciences	58,316	3,249	163	2,065	362	33
Language, cultural sciences general	6,671	292	2	157	54	–
Philosophy	2,189	128	19	28	–	–
History	3,981	272	25	158	–	–
Library studies, documentation, journalism	–	–	–	–	–	–
General and comparative literature and linguistics	1,115	141	6	–	–	–
German studies (German, Germanic languages)	5,285	210	29	613	–	–
English studies, American studies	4,015	115	9	407	–	–
Romance studies	1,561	71	4	145	–	–
Psychology	20,757	1,066	20	19	249	–
Educational science	7,509	578	21	357	18	33
Sport, sports science	1,383	131	7	162	–	–
Law, business, social science	96,526	4,795	209	256	7,895	3
Law, business, sociology general	1,658	67	25	35	112	–
Political science	4,677	322	4	–	–	–
Social science	4,303	445	35	84	1	–
Social studies	5,372	225	5	48	837	–
Law	14,432	536	48	–	348	3
Administration	2,846	–	–	–	1,089	–
Business management	58,504	3,013	92	89	5,038	–
Business engineering	4,460	175	–	–	470	–
Mathematics, natural sciences	54,813	2,913	473	990	902	–
Mathematics, natural sciences general	991	13	–	112	–	–
Mathematics	9,212	360	58	537	–	–
Information technology	30,874	916	43	5	832	–
Physics, astronomy	3,427	407	86	48	–	–
Chemistry	4,547	458	178	55	28	–
Pharmacy	2	–	–	–	–	–
Biology	3,906	472	101	181	42	–
Geo-sciences (without geography)	720	129	6	–	–	–
Geography	1,134	158	1	52	–	–
Human medicine/healthcare science	8,339	679	371	–	164	–
Agricultural, forestry and nutritional science	2	–	1	–	–	–
Land management, environmental design	1	–	–	–	–	–
Agricultural science, food technology	–	–	–	–	–	–
Nutritional and household science	1	–	1	–	–	–
Engineering	47,661	3,612	333	35	2,134	–
Engineering general	1,148	–	–	18	103	–
Mining, metallurgy	325	1	–	–	23	–
Mechanical engineering/plant engineering	18,551	1,362	185	14	864	–
Electrical engineering	9,392	650	94	1	393	–
Transport engineering, nautical science	610	–	–	–	70	–
Architecture, interior design	2,408	113	1	–	219	–
Spatial planning	1,495	294	12	–	–	–
Civil engineering	5,589	580	35	2	108	–
Surveying	456	–	–	–	37	–
Art, art studies	4,256	98	3	176	191	99
Art, art studies general	959	43	1	76	–	–
Design	1,685	18	–	17	186	4
Performance art, film, television, theatre	638	28	–	–	5	20

Students and primary attendees in the Ruhr Metropolis according to universities in WS 2016/17

University		Students (primary attendees)					
		total	in 1st university semester	with German nationality		with foreign nationality	
				together	in 1st university semester	together	in 1st university semester
m = male f = female t = together							
Universities	m	147,464	16,274	129,306	13,365	18,158	2,909
	f	123,832	15,238	108,325	12,357	15,507	2,881
	t	271,296	31,512	237,631	25,722	33,665	5,790
Universities	m	97,329	8,952	84,682	6,970	12,647	1,982
	w	88,367	9,286	76,760	7,223	11,607	2,063
	t	185,696	18,238	161,442	14,193	24,254	4,045
Duisburg-Essen	m	22,207	3,035	17,323	2,257	4,884	778
	f	20,852	3,241	17,385	2,504	3,467	737
	t	43,059	6,276	34,708	4,761	8,351	1,515
Fernuniversität Hagen	m	34,064	1,161	30,988	873	3,076	288
	f	30,755	1,503	27,154	1,073	3,601	430
	t	64,819	2,664	58,142	1,946	6,677	718
Bochum	m	21,608	2,357	18,867	1,845	2,741	512
	f	20,387	2,375	17,354	1,793	3,033	582
	t	41,995	4,732	36,221	3,638	5,774	1,094
Dortmund	m	18,389	2,317	16,555	1,933	1,834	384
	f	15,107	2,068	13,675	1,765	1,432	303
	t	33,496	4,385	30,230	3,698	3,266	687
Witten-Herdecke (priv. u.)	m	1,061	82	949	62	112	20
	f	1,266	99	1,192	88	74	11
	t	2,327	181	2,141	150	186	31
Art colleges	m	704	99	443	35	261	64
	f	805	97	462	33	343	64
	t	1,509	196	905	68	604	128
Folkwang University of the Arts Essen	m	704	99	443	35	261	64
	f	805	97	462	33	343	64
	t	1,509	196	905	68	604	128
Folkwang University of the Arts Bochum	m	–	–	–	–	–	–
	f	–	–	–	–	–	–
	t	–	–	–	–	–	–
Universities of applied sciences	m	47,900	6,612	42,650	5,749	5,250	863
	f	33,345	5,379	29,788	4,625	3,557	754
	t	81,245	11,991	72,438	10,374	8,807	1,617
EBZ Business School, Bochum	m	634	85	634	85	–	–
	f	467	93	466	93	1	–
	t	1,101	178	1,100	178	1	–
Hochschule Ruhr West in Bottrop	m	1,185	240	1,057	222	128	18
	f	308	64	258	51	50	13
	t	1,493	304	1,315	273	178	31
Hochschule Ruhr West in Mülheim	m	2,969	497	2,582	435	387	62
	f	1,066	184	913	152	153	32
	t	4,035	681	3,495	587	540	94
Rhein-Waal in Kamp-Lintfort	m	1,046	238	679	142	367	96
	f	792	157	618	107	174	50
	t	1,838	395	1,297	249	541	146
Hamm-Lippstadt in Hamm	m	1,654	379	1,546	356	108	23
	f	1,249	354	1,116	334	133	20
	t	2,903	733	2,662	690	241	43
Südwestfalen in Hagen	m	2,215	287	2,044	267	171	20
	f	646	123	576	110	70	13
	t	2,861	410	2,620	377	241	33

Additionally: Students and primary attendees in the Ruhr Metropolis according to universities in WS 2016/17

University		Students (primary attendees)					
		total	in 1st university semester	with German nationality		with foreign nationality	
				together	in 1st university semester	together	in 1st university semester
m = male							
f = female							
t = together							
Int. School of Management, Dortmund (priv. univ. of applied sciences)	m	1,392	319	1,227	231	165	88
	f	1,788	408	1,564	292	224	116
	t	3,180	727	2,791	523	389	204
Westfälische Hochschule in Gelsenkirchen	m	3,444	560	3,034	494	410	66
	f	1,503	272	1,212	211	291	61
	t	4,947	832	4,246	705	701	127
Westfälische Hochschule in Recklinghausen	m	1,248	188	1,085	165	163	23
	f	1,049	197	896	173	153	24
	t	2,297	385	1,981	338	316	47
Bochum	m	4,957	690	4,317	581	640	109
	f	2,140	357	1,810	289	330	68
	t	7,097	1,047	6,127	870	970	177
Dortmund	m	9,015	1,043	7,372	843	1,643	200
	f	4,756	657	3,962	523	794	134
	t	13,771	1,700	11,334	1,366	2,437	334
Priv. techn. FH Bochum (DMT)	m	2,016	169	1,849	144	167	25
	f	265	24	236	19	29	5
	t	2,281	193	2,085	163	196	30
Protestant University of Applied Sciences Rheinland-Westfalen-Lippe Bochum	m	556	87	549	85	7	2
	f	1,775	289	1,739	281	36	8
	t	2,331	376	2,288	366	43	10
FH für Logistik und Wirt- schaft Hamm (priv.)	m	515	56	491	53	24	3
	f	214	53	201	53	13	–
	t	729	109	692	106	37	3
Priv. FOM University of Applied Sciences Essen	m	13,050	1,494	12,258	1,382	792	112
	f	13,824	1,920	12,769	1,722	1,055	198
	t	26,874	3,414	25,027	3,104	1,847	310
Priv. FOM University of Applied Sciences Duisburg	m	659	65	627	59	32	6
	f	466	57	444	52	22	5
	t	1,125	122	1,071	111	54	11
Priv. FOM University of Applied Sciences Marl	m	143	23	135	22	8	1
	f	111	21	111	21	–	–
	t	254	44	246	43	8	1
Priv. FOM University of Applied Sciences Dortmund	m	1,202	192	1,164	183	38	9
	f	926	149	897	142	29	7
	t	2,128	341	2,061	325	67	16
Administration colleges for public administration	m	1,531	611	1,531	611	–	–
	f	1,315	476	1,315	476	–	–
	t	2,846	1,087	2,846	1,087	–	–
Gelsenkirchen	m	526	170	526	170	–	–
	f	416	120	416	120	–	–
	t	942	290	942	290	–	–
Duisburg	m	574	247	574	247	–	–
	f	552	238	552	238	–	–
	t	1,126	485	1,126	485	–	–
Hagen	m	431	194	431	194	–	–
	f	347	118	347	118	–	–
	t	778	312	778	312	–	–

Training places*) September 2017

Characteristics	EA Duisburg	Ruhr Metropolis (EA)	NRW
Training places	3,376	25,885	110,891
Change to previous year in %	+ 7.8	- 0.2	+ 0.1
Registered applicants	4,835	38,453	136,973
Change to previous year in %	+ 5.6	+ 0.7	+ 0.4
Newly concluded training agreements	3,234	27,918	116,697
Change to previous year in %	+ 6.1	+ 0.1	+ 1.7

*) Statistics of the Bundesagentur für Arbeit according to employment agencies (EA); Ruhr Metropolis according to employment

Employees subject to social security contributions*) on 30/06/2017 according to sex

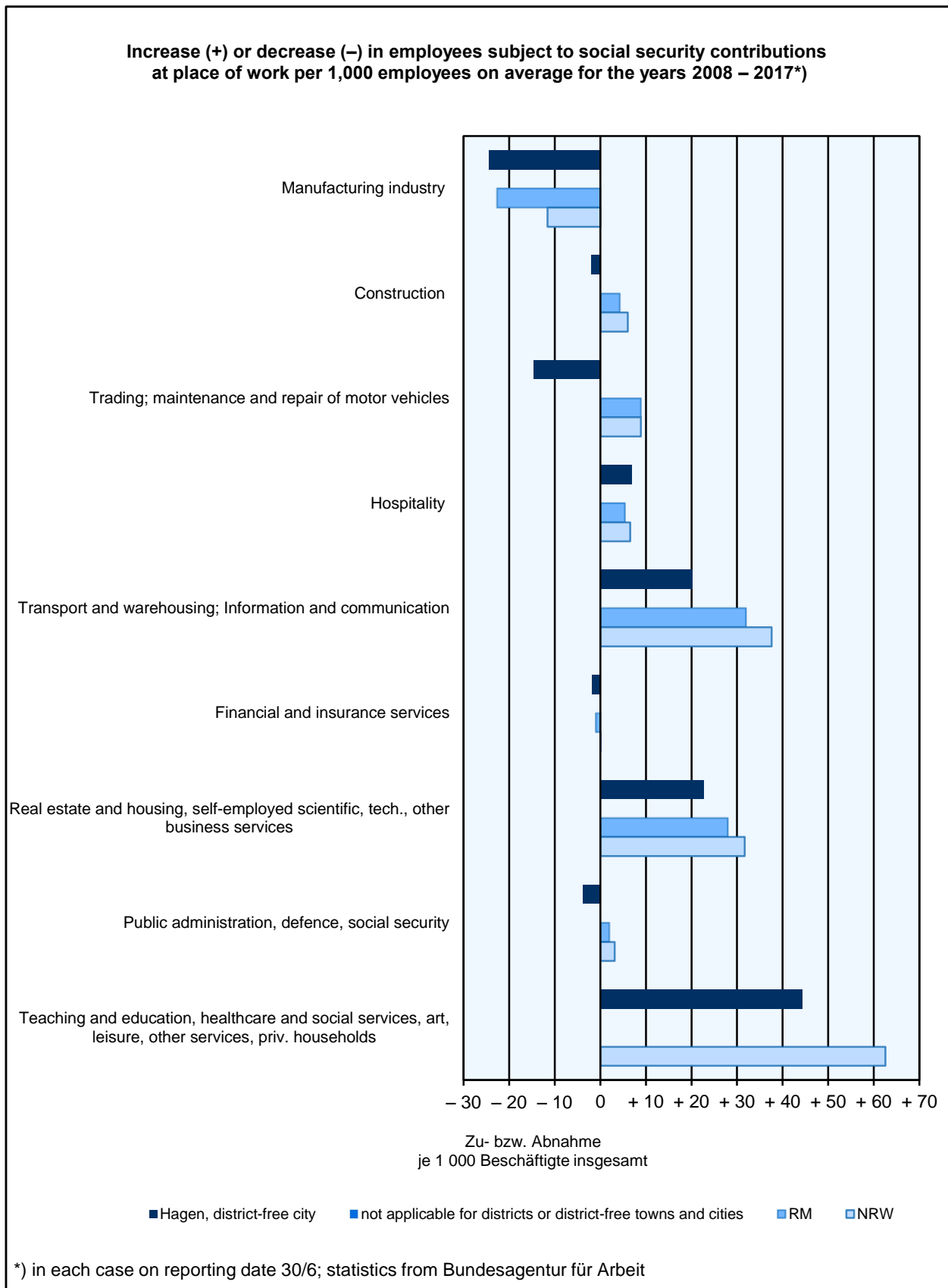
Sex	employees at place of work		employees at place of residence		balance of commuters
	total	including incoming commuters	total	including outgoing commuters	
Total	69,894	31,546	66,980	28,649	2,897
male	38,022	18,231	37,424	17,647	584
female	31,872	13,315	29,556	11,002	2,313

*) Statistics of the Bundesagentur für Arbeit

Employees subject to social security contributions*) (place of work) on 30/06/2017

Characteristics	area studied	all parishes of the		
		district	RM	state
Economic sectors (ES 2008)				
Total	69,894	x	1,708,696	6,698,306
Agriculture and forestry, fishing	50	x	3,360	33,333
%	0.1	x	0.2	0.5
Mining and quarrying of stone and soil	.	x	6,332	17,188
%	.	x	0.4	0.3
Manufacturing industry	15,409	x	266,655	1,345,722
%	22.0	x	15.6	20.1
Energy supply, water, waste water, waste	.	x	41,367	111,498
%	.	x	2.4	1.7
Construction	2,650	x	93,326	326,494
%	3.8	x	5.5	4.9
Trading; maintenance and repair of motor vehicles	9,999	x	250,306	967,690
%	14.3	x	14.6	14.4
Hospitality	1,373	x	41,149	176,029
%	2.0	x	2.4	2.6
Transport and warehousing; information and communication	6,290	x	148,704	566,178
%	9.0	x	8.7	8.5
Financial and insurance services	1,382	x	44,683	212,891
%	2.0	x	2.6	3.2
Real estate and housing, self-employed scientific, tech., other business services, public administration, defence;	9,570	x	276,097	1,038,531
%	13.7	x	16.2	15.5
Social security	3,979	x	93,813	337,371
%	5.7	x	5.5	5.0
Teaching and education, healthcare and Social services, other services, private household	18,276	x	.	1,565,354
%	26.1	x	.	23.4
Nationality, sex, education and age				
Total	69,894	x	1,708,696	6,698,306
German	61,439	x	1,530,205	5,994,533
Male	32,506	x	807,799	3,215,947
Foreign	8,407	x	177,160	698,662
Male	5,485	x	115,166	448,840
According to education				
with completed vocational training	43,263	x	1,032,274	3,997,112
without completed vocational training	11,381	x	241,471	938,108
with qualification from university, university of applied sciences	7,911	x	220,645	971,182
without statement of qualification	7,339	x	214,306	791,904
of which aged ... years in percent				
below 20	1.7	x	1.6	1.8
20 to under 25	8.0	x	8.1	8.1
25 to under 30	10.6	x	11.3	11.3
30 to under 50	43.5	x	44.6	44.8
50 to under 60	28.3	x	26.6	26.5
60 and over	8.0	x	7.7	7.5
Trainees				
Total	3,142	x	78,307	295,306
Male	1,695	x	42,552	166,539
Female	1,447	x	35,755	128,767

*) Statistics of the Bundesagentur für Arbeit



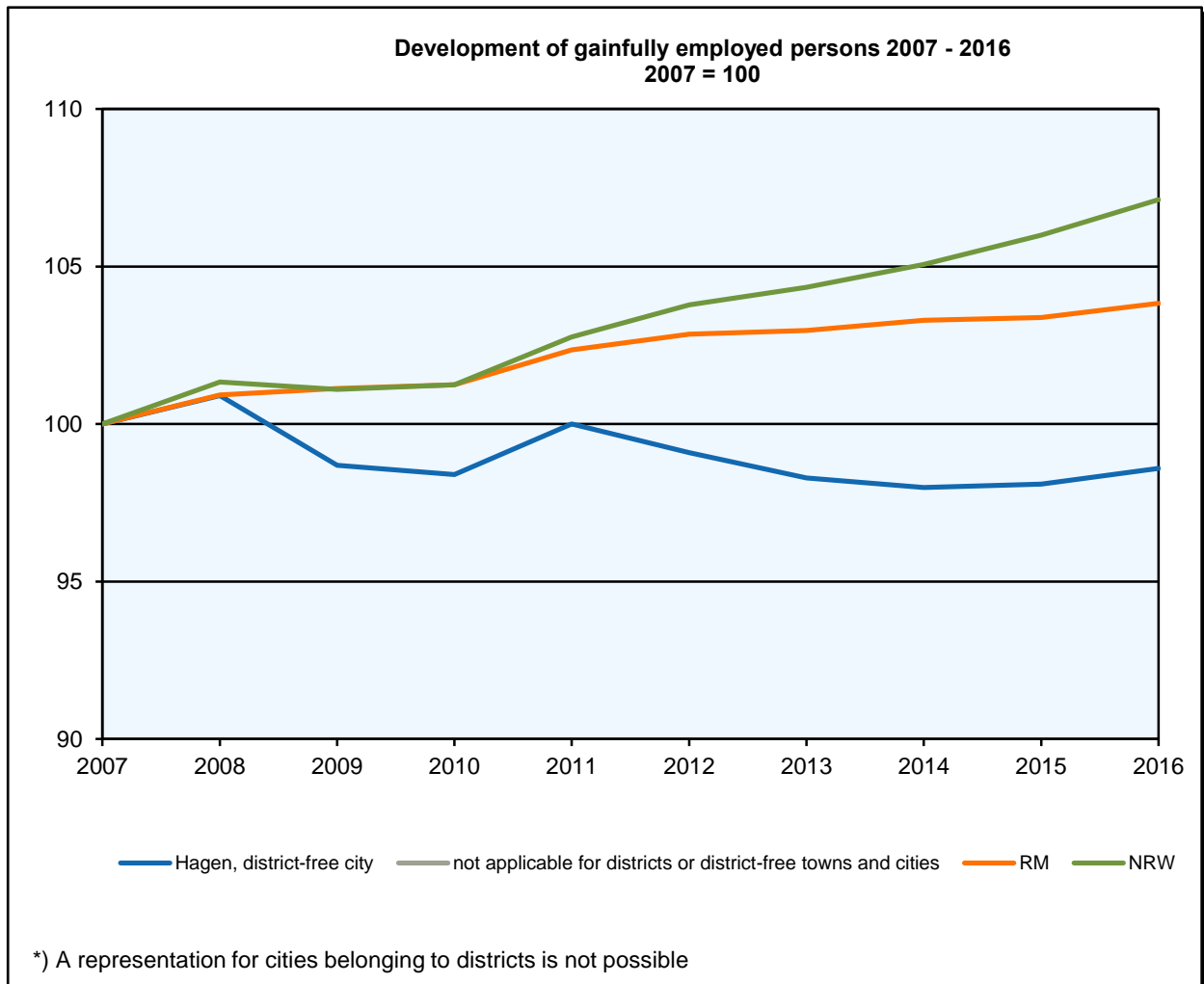
Note: the difference between the employees of the last and first reporting year for one economic sector is compared to the average of all employees of the whole reporting period, with regard to 1,000 employees each.

This method of calculation allows the comparison of study areas of different sizes.

Gainfully employed*) 2016

Gainfully employed	area studied	all parishes of the		
		district	RM	state
Total	98,000	x	2,393,100	9,293,300
Agriculture and forestry, fishing	200	x	8,800	81,000
%	0.2	x	0.4	0.9
Production industry	22,300	x	477,200	2,089,400
%	22.8	x	19.9	22.5
Production industry without construction	18,400	x	350,100	1,633,300
%	18.8	x	14.6	17.6
Manufacturing industry	16,900	x	297,500	1,494,800
%	17.2	x	12.4	16.1
Construction	3,900	x	127,100	456,100
%	4.0	x	5.3	4.9
Services	75,600	x	1,907,000	7,123,000
%	77.1	x	79.7	76.6
Trade, hospitality, transport and warehousing; information and communication	26,200	x	626,500	2,427,400
%	26.7	x	26.2	26.1
Financial and insurance services	15,300	x	445,300	1,690,000
%	15.6	x	18.6	18.2
Public and private service providers	34,100	x	835,200	3,005,600
%	34.8	x	34.9	32.3

*) Erwerbstätigenrechnung des Bundes und der Länder (state and national figures for the gainfully employed)



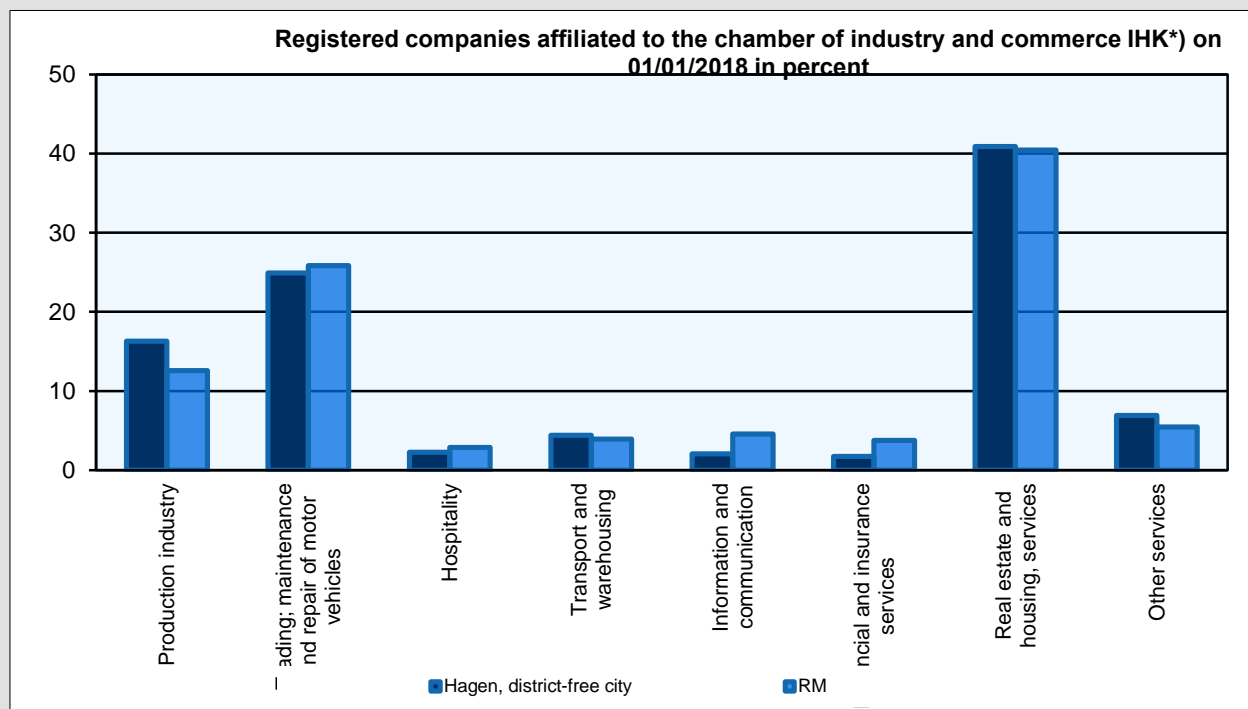
Manufacturing industry 2017 *)

Characteristics	area studied	all parishes of the		
		district	RM	state
Manufacture of food and feedstuffs				
companies	5	x	221	979
employees	.	x	.	99,510
turnover (1,000 EUR)	.	x	.	37,166,610
Manufacture of beverages				
companies	–	x	17	69
employees	–	x	.	9,366
turnover (1,000 EUR)	–	x	.	3,708,757
Manufacture of textiles				
companies	–	x	25	199
employees	–	x	.	19,348
turnover (1,000 EUR)	–	x	.	3,666,486
Manufacture of paper, cardboard and goods made from these				
companies	3	x	22	207
employees	.	x	.	28,450
turnover (1,000 EUR)	.	x	.	7,741,921
Manufacture of chemical products				
companies	–	x	127	450
employees	–	x	.	94,067
turnover (1,000 EUR)	–	x	.	43,538,882
Manufacture of pharmaceutical products				
companies	–	x	9	63
employees	–	x	.	11,878
turnover (1,000 EUR)	–	x	.	5,834,568
Manufacture of rubber and plastic goods				
companies	6	x	99	762
employees	.	x	.	80,376
turnover (1,000 EUR)	.	x	.	16,041,963
Metal production and processing				
companies	18	x	127	446
employees	4,095	x	.	107,208
turnover (1,000 EUR)	2,724,282	x	.	41,116,750
Manufacture of data processing devices, electronic and optical products				
companies	4	x	73	310
employees	476	x	.	34,731
turnover (1,000 EUR)	.	x	.	8,004,983
Engineering				
companies	20	x	309	1,463
employees	1,722	x	.	199,875
turnover (1,000 EUR)	328,496	x	.	47,223,769
Manufacture of motor vehicles and motor vehicle parts				
companies	5	x	50	237
employees	.	x	.	82,849
turnover (1,000 EUR)	34,412	x	.	33,134,939
Manufacture of furniture				
companies	–	x	18	278
employees	–	x	.	30,681
turnover (1,000 EUR)	–	x	.	7,191,717

*) Operations of companies with generally 20 and more employees, companies and employees at reporting date 30/09.

Registered companies affiliated to the chamber of industry and commerce IHK*) on 01/01/2018

Companies	area studied		RM	
	absolute	%	absolute	%
Total	2,860	100.0	74,711	100.0
Registered in the commercial register	2,847	99.5	74,475	99.7
Headquarters	2,812	98.3	73,294	98.1
Subsidiaries	35	1.2	1,181	1.6
Recorded in the register of co-operatives	13	0.5	236	0.3
Operating sites	365	12.8	7,362	9.9
Headquarters and subsidiaries according to sector				
Agriculture and forestry, fishing	1	0.0	148	0.2
Production industry	466	16.3	9,395	12.6
Mining and quarrying of earth, stone	–	–	68	0.1
Manufacturing industry	359	12.6	5,360	7.2
Construction	79	2.8	3,000	4.0
Trading; maintenance and repair of motor vehicles	713	24.9	19,321	25.9
Trading in and repair of motor vehicles	82	2.9	2,202	2.9
Wholesale, incl. trade brokerage	384	13.4	8,517	11.4
Wholesale	368	12.9	7,864	10.5
Trade brokerage	16	0.6	653	0.9
Retail	247	8.6	8,592	11.5
Hospitality	64	2.2	2,148	2.9
Transport and warehousing	126	4.4	2,927	3.9
Information and communication	59	2.1	3,410	4.6
Provision of financial and insurance services	50	1.7	2,796	3.7
Banking sector	2	0.1	61	0.1
Insurance sector	31	1.1	866	1.2
Financial services sector	16	0.6	1,867	2.5
Real estate and housing, provision of self-employed, scientific, technical and other business services	1,170	40.9	30,217	40.4
Provision of self-employed, scientific, technical and other business services	938	32.8	23,423	31.4
Other services	198	6.9	4,070	5.4
Healthcare and social services	55	1.9	1,347	1.8

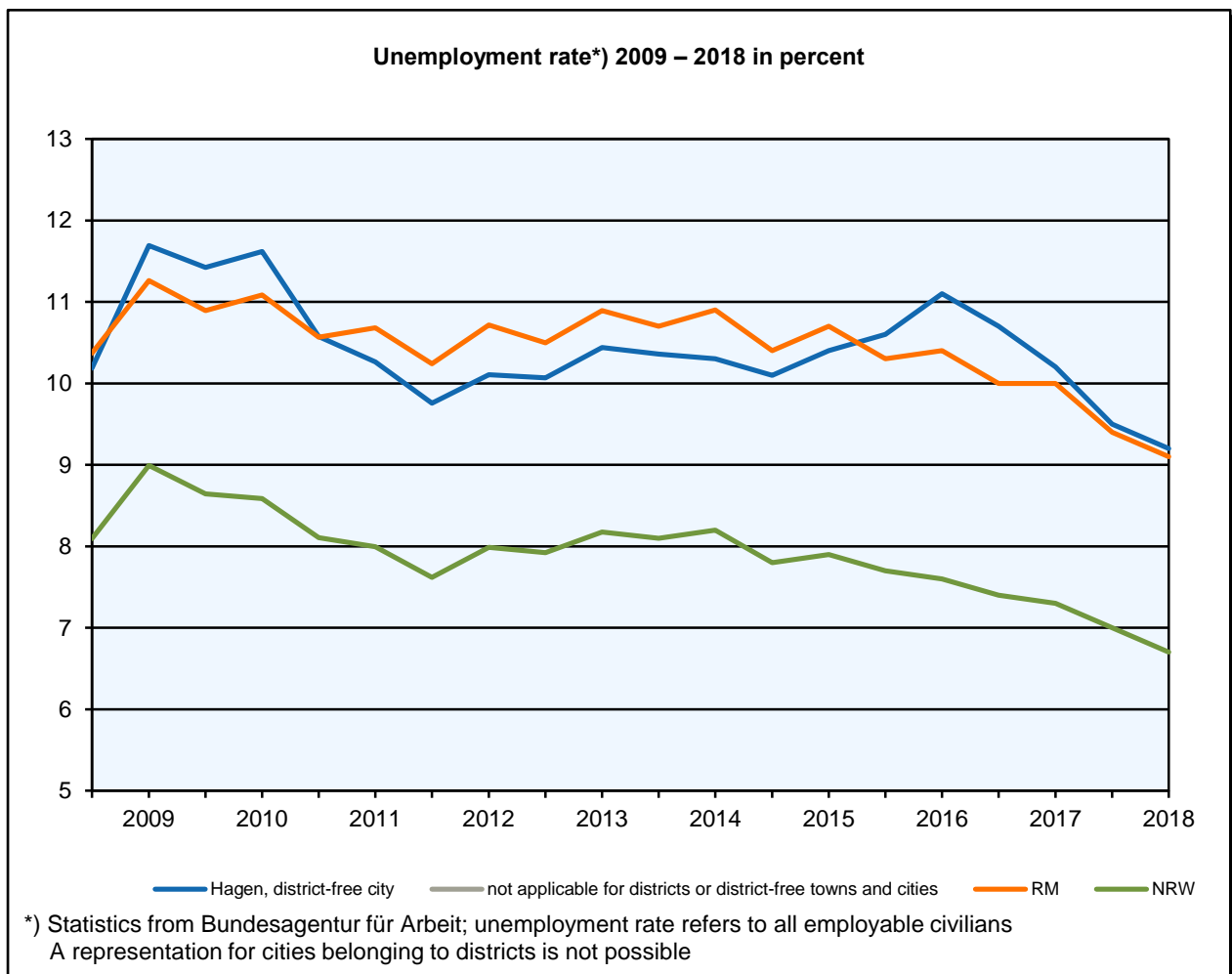


*) Statistics of the chambers of industry and commerce in the Ruhr region

Unemployment*)

Characteristics	area studied	all parishes of the		
		district	RM	state
Unemployment rate in June 2018 in percent	9.2	x	9.1	6.7
Total unemployed in June 2018	9,192	x	244,006	644,449
German	5,642	x	163,387	443,243
Foreign	3,538	x	79,985	199,820
Men	5,064	x	134,522	352,860
Women	4,128	x	109,484	291,589
under 20 years old	165	x	3,712	9,587
under 25 years old	896	x	20,371	54,389
50 and older	2,842	x	73,634	204,980
55 and older	1,698	x	43,955	126,978
Long-term unemployed	4,208	x	108,715	272,659
1 to less than 2 years	1,590	x	42,926	110,137
Severely disabled	699	x	18,094	47,168
Unemployed according to SGB III - Social Security Code	2,051	x	52,154	176,511
Long-term unemployed according to SGB III - Social Security Code	282	x	7,365	23,401
1 to less than 2 years according to SGB III - Social Security Code	212	x	5,525	18,048

*) Statistics of the Bundesagentur für Arbeit; unemployment rate in relation to all of the civilian labour force. The difference between the unemployed according to nationality and the total unemployed arises from cases that cannot be allocated.



National accounts 2016

Characteristics	area studied	all parishes of the		
		district	RM	state
Gross domestic product at market prices				
Total in billion EUR	6,235	x	160,150	668,912
Per gainfully employed person in EUR	63,622	x	66,922	71,978
Gross value added (billion EUR)				
Total	5,616	x	144,250	602,510
Agriculture and forestry, fishing	3	x	206	2,234
%	0.1	x	0.1	0.4
Production industry	1,642	x	36,569	165,238
%	29.2	x	25.4	27.4
Production industry without construction	1,479	x	30,169	140,466
%	26.3	x	20.9	23.3
Manufacturing industry	1,236	x	23,345	120,197
%	22.0	x	16.2	19.9
Construction	163	x	6,400	24,772
%	2.9	x	4.4	4.1
Service sector	3,972	x	107,476	435,038
%	70.7	x	74.5	72.2
Trading, hospitality, transport and warehousing; Information and communication	1,201	x	30,437	132,359
%	21.4	x	21.1	22.0
Financial and insurance services	1,196	x	38,682	162,624
%	21.3	x	26.8	27.0
Public and private service providers	1,575	x	38,356	140,054
%	28.0	x	26.6	23.2

Value-added tax*) 2016

Characteristics	area studied	all parishes of the		
		district	RM	state
Subject to VAT	5,616	x	154,738	668,241
Taxable turnover (billion EUR)	14,163	x	363,413	1,555,161
for goods and services (billion EUR)	13,370	x	338,464	1,422,678

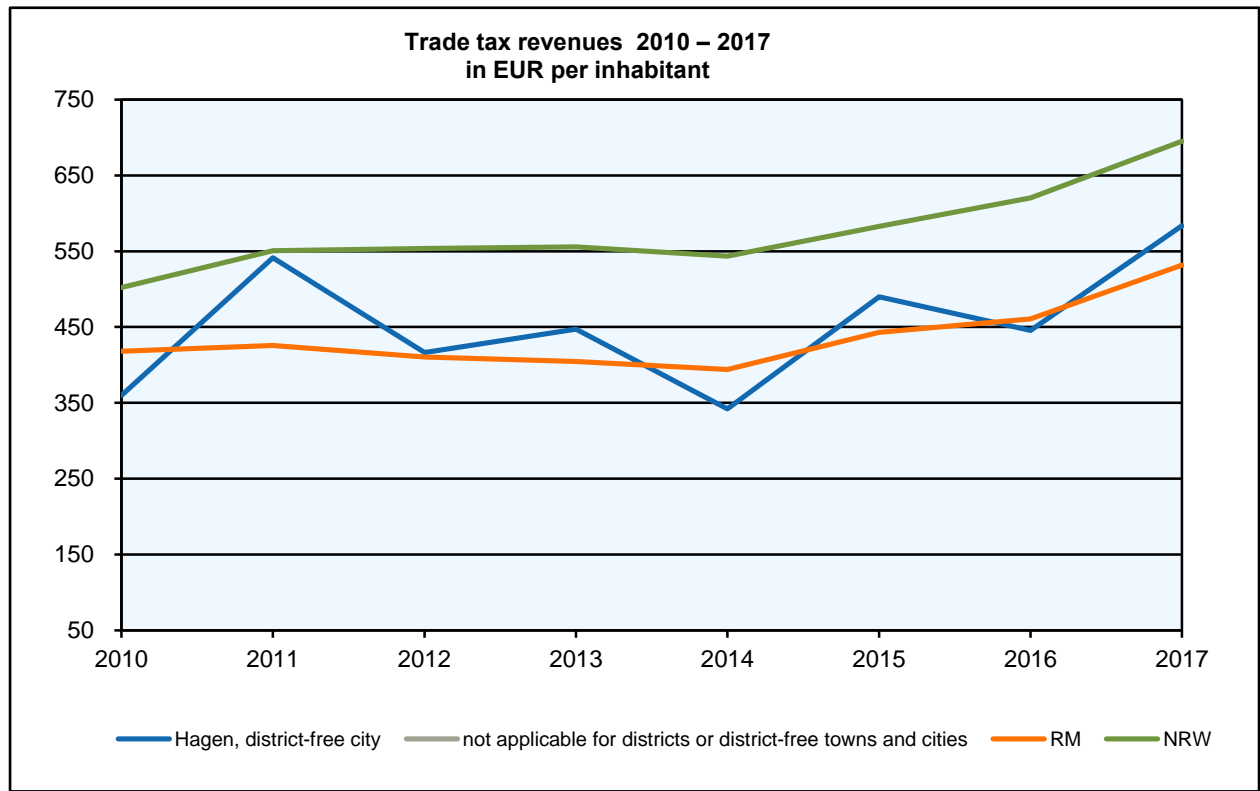
*) Taxed at standard rate with taxable turnover without VAT of 17,500 and more EUR

Public finances

Characteristics	area studied	all parishes of the		
		district	RM	state
Total revenue 2017 in thousand EUR ¹⁾	767,385	x	20,289,179	84,057,026
Trade tax revenue 2017 in thousand EUR	109,564	x	2,718,807	12,452,742
Total expenditure 2017 in thousand EUR ¹⁾	775,322	x	20,485,285	84,186,453
Debt on 31/12/2017 in thousand EUR ²⁾	165,977	x	8,748,214	22,945,590
Tax rates of the municipalities 2017				
Assessment rate for property tax A	375	x	.	283
Assessment rate for property tax B	750	x	.	567
Assessment rate for trade tax	520	x	.	452

¹⁾ From 2009, switch from cameralistic accounting to double-entry accounting (DOPPIK)

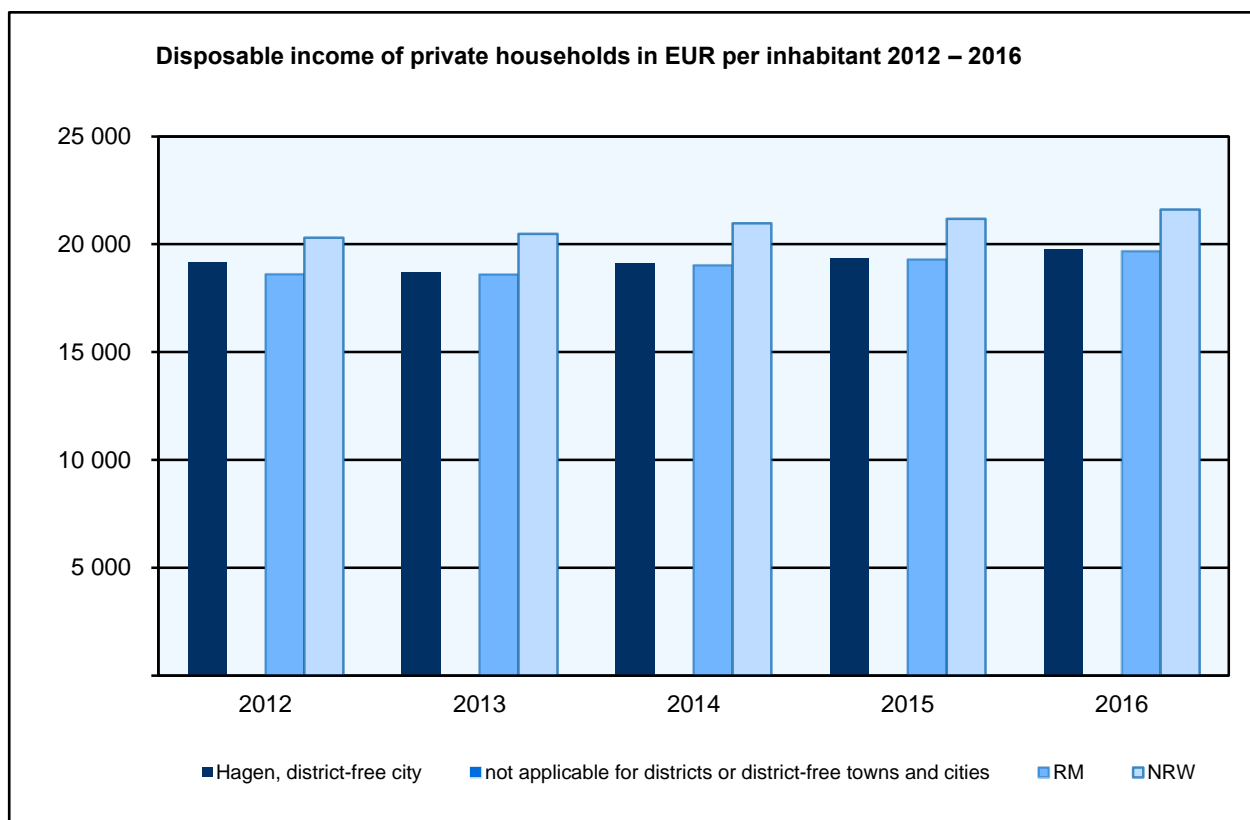
²⁾ Loans and security paper debts; results from state and districts without district administration and associations

**Businesses registered and deregistered 2017**

Economic sectors (ES 2008)	area studied	all parishes of the		
		district	RM	state
Total business registrations	1,222	x	38,745	147,911
Agriculture and forestry, fishing	–	x	87	695
Manufacturing industry	21	x	1,007	4,849
Construction	165	x	5,494	18,314
Trading; maintenance and repair of motor vehicles	308	x	10,013	36,809
Hospitality	132	x	3,621	11,396
Transport and warehousing; information and communication	63	x	2,506	10,198
Financial and insurance services	38	x	1,169	5,157
Real estate and housing, self-employed				
scientific and technical services	311	x	8,683	35,766
Public administration, social security, teaching and education, healthcare, social services, art, leisure, other services	179	x	5,946	23,560
Other economic sectors	5	x	219	1,167
Total business deregistrations	1,168	x	38,062	140,763
Agriculture and forestry, fishing	3	x	90	556
Manufacturing industry	42	x	1,062	4,934
Construction	156	x	5,929	18,930
Trading; maintenance and repair of motor vehicles	314	x	10,297	37,187
Hospitality	138	x	3,756	11,616
Transport and warehousing; information and communication	74	x	2,404	9,509
Financial and insurance services	37	x	1,269	5,193
Real estate and housing, self-employed				
scientific and technical services	265	x	8,003	31,698
Public administration, social security, teaching and education, healthcare, social services, art, leisure, other services	136	x	5,090	20,204
Other economic sectors	3	x	162	936

Income 2016

Characteristics	area studied	all parishes of the		
		district	RM	state
Primary income				
Total in billion EUR	4,191	x	117,374	467,320
EUR per inhabitant	22,217	x	22,952	26,140
Disposable income of private households				
Total in billion EUR	3,730	x	100,643	386,412
EUR per inhabitant	19,774	x	19,680	21,614
Ranking of municipality in NRW (1-396)	343	x	x	x



Tourism 2017 *)

Characteristics	area studied	all parishes of the		
		district	RM	state
Establishments	30	x	748	5,227
Beds	1,601	x	50,654	310,568
Arrivals	113,431	x	4,138,263	23,279,062
of foreign guests	13,161	x	730,405	5,271,430
Overnight stays	292,354	x	8,015,480	51,509,458
of foreign guests	27,802	x	1,352,116	10,991,813

*) Accommodation establishments with 10 beds and over, including camp sites (tourist camping) with 10 pitches and over

Legend (in accordance with DIN 55 301)

0	= less than half of 1 in the last position, but more than nothing
–	= nothing available (precisely zero)
.	= numerical value unknown or confidential
/	= no details, as numerical value not reliable enough
x	= field blocked, as statement not appropriate

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Sources

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Regionalverband Ruhr (land use)

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