

The following pages present forecasts by the Institute for Employment Research, Germany (IAB) of the number of people in employment subject to social security contributions, the number of unemployed and the number of unemployed in the Social Code II and III systems as well as the number of people who are able to work and are eligible for benefits for various regions. Until the issue 1/2015, this forecast was published as "Regional Forecasts of Unemployment and Employment in the German Federal States and Labour Market Districts". At the IAB, the calculations are carried out in the Regional Research Network.

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## Methodology

The forecasts for the number of employed subject to social security contributions, the number of unemployed and those capable of working and eligible for benefits are carried out in a three-step process:

1. First, eight different time-series models are estimated. In two of these models, only former values of the dependent variable are included. These models adapt best to the short-term development in a region if there are large fluctuations in the region or there is no clear pattern in the recent past. Two further models decompose the time series into different components such as the level, trend, seasonal and business-cycle influences. The advantage of these two models is that they have a high and robust forecast quality if the time series has a regular and clearly identifiable long-term pattern. In order to profit from the advantages of both types of models, further models were constructed which use a combination of these two approaches. Especially in the case of relatively small regional units, as is the case with the labour market districts, it needs to be assumed that regional interdependencies play an important role. Such spatial interdependencies are accounted for in three further models. Two of these treat employment, unemployment and the number capable of working and eligible for benefits as separate variables whereas the third model (first used in March 2011) also accounts for the dependencies between the unemployed (at their place of residence) and the employed (at their place of work). The models with spatial autocorrelation were developed at the IAB in order to improve the forecast accuracy.
2. In order to take the pros and cons of the different models used in the first step into account, an average of the models is calculated in a second step. However, in this so-called pooling, in each region only those models are included whose forecasts

have a relatively small deviation from the forecast for Germany. At the same time, in order to control for international and national influences, we adjust the regional forecasts to match the values for the national forecast which take these (inter)national dependencies into account. Hence, the national forecast is a further explanatory variable in our pooled model for every region. The current forecast is based on those in the IAB-Kurzbericht 21/2017 (in German only).

3. In order to verify the validity of the models, in a third step the results are compared with assessments at the ten Regional Offices of the IAB. In this step it is possible to take important unique events in a region into account. Thus, regional expertise is contained in the forecasts.

By definition, forecasts are uncertain. For this reason, lower and upper bounds are calculated so that the future true value lies within this interval with a probability of roughly 66%. Because the underlying regional forecast model differs from the one used for the national forecasts, the statistical uncertainty and hence the lower and upper bounds differ between the two. A more complete explanation (in German only) of the methodology used can be found in:

Bach et al. (2009): Der deutsche Arbeitsmarkt – Entwicklungen und Perspektiven. In: Institut für Arbeitsmarkt- und Berufsforschung, Nürnberg (Ed.), Handbuch Arbeitsmarkt 2009, (IAB-Bibliothek, 314), Bielefeld: Bertelsmann, p. 64-78.

# 1. Employment in the Federal States yearly average

	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
<b>Federal States</b>							
Schleswig-Holstein	965,800	985,900	975,000	996,900	2.1	1.0	3.2
Hamburg	956,400	976,600	963,400	989,800	2.1	0.7	3.5
Lower Saxony	2,906,500	2,960,700	2,915,800	3,005,600	1.9	0.3	3.4
Bremen	326,300	331,300	326,600	336,000	1.5	0.1	3.0
North Rhine-Westphalia	6,722,400	6,835,900	6,751,800	6,920,000	1.7	0.4	2.9
Hessen	2,531,600	2,581,300	2,554,400	2,608,100	2.0	0.9	3.0
Rhineland-Palatinate	1,391,400	1,412,900	1,395,800	1,430,000	1.5	0.3	2.8
Baden-Württemberg	4,569,700	4,658,200	4,596,700	4,719,800	1.9	0.6	3.3
Bavaria	5,457,000	5,572,000	5,493,200	5,650,700	2.1	0.7	3.5
Saarland	385,400	388,800	383,100	394,500	0.9	-0.6	2.4
Berlin	1,427,400	1,470,300	1,450,000	1,490,600	3.0	1.6	4.4
Brandenburg	835,600	853,600	844,200	862,900	2.2	1.0	3.3
Mecklenburg-Vorpommern	564,900	574,100	567,900	580,300	1.6	0.5	2.7
Saxony	1,582,100	1,607,500	1,588,500	1,626,500	1.6	0.4	2.8
Saxony-Anhalt	794,700	804,000	794,200	813,700	1.2	-0.1	2.4
Thuringia	803,600	814,900	802,500	827,400	1.4	-0.1	3.0
<b>Germany (western/eastern/Total) <sup>1)</sup></b>							
Germany, western	26,213,000	26,704,000	26,356,000	27,051,000	1.9	0.5	3.2
Germany, eastern	6,008,000	6,125,000	6,047,000	6,202,000	1.9	0.6	3.2
Germany (Total)	32,221,000	32,828,000	32,403,000	33,253,000	1.9	0.6	3.2

<sup>1)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000. Due to rounding off, the sums for Germany (western/eastern/Total) may diverge slightly from official statistics. Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency. Time-span: January 1993 to June 2017.

## 2. Employment in the Labour Market Districts yearly average

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
30	Greifswald	Mecklenburg-Vorpommern	82,200	84,000	83,000	85,000	2.2	1.0	3.4
31	Neubrandenburg	Mecklenburg-Vorpommern	92,800	93,900	92,900	94,900	1.2	0.1	2.3
32	Rostock	Mecklenburg-Vorpommern	155,800	159,000	157,100	160,900	2.1	0.8	3.3
33	Schwerin	Mecklenburg-Vorpommern	162,100	164,100	162,100	166,200	1.2	0.0	2.5
34	Stralsund	Mecklenburg-Vorpommern	72,000	73,100	72,100	74,000	1.5	0.1	2.8
35	Cottbus	Brandenburg	216,700	221,400	218,400	224,400	2.2	0.8	3.6
36	Eberswalde	Brandenburg	87,500	89,300	88,000	90,500	2.1	0.6	3.4
37	Frankfurt (Oder)	Brandenburg	132,700	135,600	133,400	137,700	2.2	0.5	3.8
38	Neuruppin	Brandenburg	161,400	164,000	161,000	167,100	1.6	-0.2	3.5
39	Potsdam	Brandenburg	237,300	243,300	241,400	245,100	2.5	1.7	3.3
41	Bernburg	Saxony-Anhalt	62,900	63,600	62,800	64,400	1.1	-0.2	2.4
42	Dessau-Roßlau-Wittenberg	Saxony-Anhalt	132,100	133,700	131,900	135,500	1.2	-0.2	2.6
43	Halberstadt	Saxony-Anhalt	73,500	74,200	73,200	75,200	1.0	-0.4	2.3
44	Halle	Saxony-Anhalt	165,300	166,600	164,300	168,900	0.8	-0.6	2.2
45	Magdeburg	Saxony-Anhalt	197,000	199,400	197,500	201,400	1.2	0.3	2.2
46	Weißenfels	Saxony-Anhalt	58,700	60,200	59,500	60,900	2.6	1.4	3.7
47	Sangerhausen	Saxony-Anhalt	41,700	42,400	42,000	42,900	1.7	0.7	2.9
48	Stendal	Saxony-Anhalt	63,500	63,900	62,600	65,100	0.6	-1.4	2.5
71	Annaberg-Buchholz	Saxony	115,100	116,500	114,500	118,400	1.2	-0.5	2.9
72	Bautzen	Saxony	196,400	198,800	196,200	201,400	1.2	-0.1	2.5
73	Chemnitz	Saxony	115,700	117,400	115,900	118,900	1.5	0.2	2.8
74	Dresden	Saxony	259,000	264,200	260,400	268,100	2.0	0.5	3.5
75	Leipzig	Saxony	263,700	270,200	265,800	274,700	2.5	0.8	4.2
76	Oschatz	Saxony	149,200	151,600	149,200	154,000	1.6	0.0	3.2
77	Pirna	Saxony	77,700	79,200	77,800	80,500	1.9	0.1	3.6
78	Plauen	Saxony	80,700	81,500	80,000	83,000	1.0	-0.9	2.9

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
79	Riesa	Saxony	89,200	90,500	89,500	91,500	1.5	0.3	2.6
80	Freiberg	Saxony	110,600	111,700	110,300	113,200	1.0	-0.3	2.4
92	Zwickau	Saxony	124,800	125,900	123,700	128,000	0.9	-0.9	2.6
93	Erfurt	Thuringia	222,100	226,100	224,000	228,100	1.8	0.9	2.7
94	Altenburg-Gera	Thuringia	124,400	125,500	123,600	127,400	0.9	-0.6	2.4
95	Gotha	Thuringia	85,000	86,600	85,300	87,900	1.9	0.4	3.4
96	Jena	Thuringia	118,800	120,700	118,800	122,500	1.6	0.0	3.1
97	Nordhausen	Thuringia	87,300	88,800	87,200	90,400	1.7	-0.1	3.6
98	Suhl	Thuringia	166,000	167,200	164,000	170,400	0.7	-1.2	2.7
111	Bad Oldesloe	Schleswig-Holstein	131,500	134,600	132,900	136,400	2.4	1.1	3.7
115	Elmshorn	Schleswig-Holstein	181,400	185,100	183,000	187,200	2.0	0.9	3.2
119	Flensburg	Schleswig-Holstein	155,900	159,000	156,600	161,300	2.0	0.4	3.5
123	Hamburg	Hamburg	956,400	976,600	964,800	988,400	2.1	0.9	3.3
127	Heide	Schleswig-Holstein	78,600	80,000	78,900	81,200	1.8	0.4	3.3
131	Kiel	Schleswig-Holstein	148,400	151,200	149,100	153,400	1.9	0.5	3.4
135	Lübeck	Schleswig-Holstein	154,600	157,900	155,600	160,100	2.1	0.6	3.6
139	Neumünster	Schleswig-Holstein	115,400	118,100	116,600	119,500	2.3	1.0	3.6
211	Braunschweig-Goslar	Lower Saxony	245,100	247,900	243,600	252,200	1.1	-0.6	2.9
214	Bremen-Bremerhaven	Bremen/Lower Saxony	352,000	358,000	353,400	362,600	1.7	0.4	3.0
221	Celle	Lower Saxony	102,700	104,500	102,800	106,200	1.8	0.1	3.4
224	Emden-Leer	Lower Saxony	156,100	159,900	156,800	163,000	2.4	0.4	4.4
231	Göttingen	Lower Saxony	173,500	175,500	172,900	178,100	1.2	-0.3	2.7
234	Hameln	Lower Saxony	117,600	119,200	117,400	121,100	1.4	-0.2	3.0
237	Hannover	Lower Saxony	501,400	509,600	501,700	517,400	1.6	0.1	3.2
241	Helmstedt	Lower Saxony	183,400	185,700	180,100	191,400	1.3	-1.8	4.4
244	Hildesheim	Lower Saxony	122,300	124,300	122,500	126,000	1.6	0.2	3.0
251	Lüneburg-Uelzen	Lower Saxony	162,100	165,900	163,000	168,700	2.3	0.6	4.1
257	Nordhorn	Lower Saxony	181,700	186,800	183,900	189,800	2.8	1.2	4.5
261	Oldenburg-Wilhelmshaven	Lower Saxony	266,900	271,700	267,800	275,600	1.8	0.3	3.3
264	Osnabrück	Lower Saxony	217,900	222,800	219,500	226,100	2.2	0.7	3.8

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
267	Stade	Lower Saxony	163,100	166,500	163,700	169,400	2.1	0.4	3.9
274	Vechta	Lower Saxony	133,200	136,700	134,600	138,700	2.6	1.1	4.1
277	Nienburg-Verden	Lower Saxony	153,800	157,000	154,700	159,400	2.1	0.6	3.6
311	Aachen-Düren	North Rhine-Westphalia	363,100	370,300	365,000	375,500	2.0	0.5	3.4
315	Bergisch Gladbach	North Rhine-Westphalia	239,700	242,700	239,500	245,800	1.3	-0.1	2.5
317	Bielefeld	North Rhine-Westphalia	324,600	331,300	326,600	336,100	2.1	0.6	3.5
321	Bochum	North Rhine-Westphalia	175,000	174,900	172,600	177,200	-0.1	-1.4	1.3
323	Bonn	North Rhine-Westphalia	329,900	335,700	330,400	341,100	1.8	0.2	3.4
325	Brühl	North Rhine-Westphalia	195,800	199,800	197,000	202,700	2.0	0.6	3.5
327	Coesfeld	North Rhine-Westphalia	210,200	214,800	211,200	218,300	2.2	0.5	3.9
331	Detmold	North Rhine-Westphalia	110,600	112,100	110,500	113,700	1.4	-0.1	2.8
333	Dortmund	North Rhine-Westphalia	232,700	237,300	233,900	240,700	2.0	0.5	3.4
337	Düsseldorf	North Rhine-Westphalia	411,100	418,900	414,000	423,900	1.9	0.7	3.1
341	Duisburg	North Rhine-Westphalia	171,600	174,300	172,100	176,500	1.6	0.3	2.9
343	Essen	North Rhine-Westphalia	241,800	244,700	241,100	248,400	1.2	-0.3	2.7
345	Gelsenkirchen	North Rhine-Westphalia	112,300	113,700	111,700	115,700	1.2	-0.5	3.0
347	Hagen	North Rhine-Westphalia	176,200	178,300	175,600	180,900	1.2	-0.3	2.7
351	Hamm	North Rhine-Westphalia	184,400	188,400	185,500	191,300	2.2	0.6	3.7
353	Herford	North Rhine-Westphalia	218,800	221,700	218,500	224,900	1.3	-0.1	2.8
355	Iserlohn	North Rhine-Westphalia	160,300	162,300	159,600	164,900	1.2	-0.4	2.9
357	Köln	North Rhine-Westphalia	555,900	567,500	559,200	575,800	2.1	0.6	3.6
361	Krefeld	North Rhine-Westphalia	180,600	184,100	181,900	186,400	1.9	0.7	3.2
364	Mettmann	North Rhine-Westphalia	185,200	187,200	184,700	189,600	1.1	-0.3	2.4
365	Mönchengladbach	North Rhine-Westphalia	242,800	246,700	243,300	250,200	1.6	0.2	3.0
367	Ahlen-Münster	North Rhine-Westphalia	255,500	260,000	256,200	263,800	1.8	0.3	3.2
371	Oberhausen	North Rhine-Westphalia	124,700	126,100	124,400	127,800	1.1	-0.2	2.5
373	Paderborn	North Rhine-Westphalia	160,900	162,800	160,500	165,100	1.2	-0.2	2.6
375	Recklinghausen	North Rhine-Westphalia	164,200	167,000	164,200	169,700	1.7	0.0	3.3
377	Rheine	North Rhine-Westphalia	155,800	159,500	157,200	161,800	2.4	0.9	3.9
381	Siegen	North Rhine-Westphalia	172,000	175,100	172,400	177,700	1.8	0.2	3.3

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
383	Meschede-Soest	North Rhine-Westphalia	213,400	216,900	213,300	220,400	1.6	0.0	3.3
387	Wesel	North Rhine-Westphalia	231,800	236,500	232,800	240,100	2.0	0.4	3.6
391	Solingen-Wuppertal	North Rhine-Westphalia	221,500	225,300	221,000	229,600	1.7	-0.2	3.7
411	Bad Hersfeld-Fulda	Hessen	140,700	143,700	141,600	145,900	2.1	0.6	3.7
415	Darmstadt	Hessen	276,700	282,900	278,800	286,900	2.2	0.8	3.7
419	Frankfurt	Hessen	566,400	577,800	570,800	584,800	2.0	0.8	3.2
427	Gießen	Hessen	211,700	215,000	212,300	217,600	1.6	0.3	2.8
431	Hanau	Hessen	133,800	136,800	134,800	138,800	2.2	0.7	3.7
433	Bad Homburg	Hessen	289,300	295,500	292,300	298,600	2.1	1.0	3.2
435	Kassel	Hessen	212,200	215,900	211,700	220,000	1.7	-0.2	3.7
439	Korbach	Hessen	116,300	118,500	116,800	120,200	1.9	0.4	3.4
443	Limburg-Wetzlar	Hessen	144,700	147,000	144,900	149,100	1.6	0.1	3.0
447	Marburg	Hessen	90,900	92,500	91,400	93,600	1.8	0.6	3.0
451	Offenbach	Hessen	169,900	173,900	172,200	175,500	2.4	1.4	3.3
459	Wiesbaden	Hessen	179,000	181,800	180,100	183,500	1.6	0.6	2.5
511	Bad Kreuznach	Rhineland-Palatinate	116,400	118,600	117,000	120,100	1.9	0.5	3.2
515	Kaiserslautern-Pirmasens	Rhineland-Palatinate	162,500	163,800	161,700	165,900	0.8	-0.5	2.1
519	Koblenz-Mayen	Rhineland-Palatinate	193,000	196,400	193,600	199,200	1.8	0.3	3.2
523	Ludwigshafen	Rhineland-Palatinate	175,800	178,900	176,200	181,600	1.8	0.2	3.3
527	Mainz	Rhineland-Palatinate	228,500	231,800	228,800	234,800	1.4	0.1	2.8
535	Montabaur	Rhineland-Palatinate	99,600	101,400	100,000	102,800	1.8	0.4	3.2
543	Landau	Rhineland-Palatinate	145,500	147,600	146,000	149,200	1.4	0.3	2.5
547	Neuwied	Rhineland-Palatinate	96,900	98,600	97,500	99,800	1.8	0.6	3.0
555	Saarland	Saarland	385,400	388,800	385,000	392,700	0.9	-0.1	1.9
563	Trier	Rhineland-Palatinate	173,200	175,800	173,500	178,000	1.5	0.2	2.8
611	Aalen	Baden-Württemberg	174,200	177,000	174,500	179,400	1.6	0.2	3.0
614	Balingen	Baden-Württemberg	114,200	116,000	114,600	117,400	1.6	0.4	2.8
617	Freiburg	Baden-Württemberg	255,400	261,100	257,600	264,600	2.2	0.9	3.6
621	Göppingen	Baden-Württemberg	302,100	307,900	303,900	311,900	1.9	0.6	3.2
624	Heidelberg	Baden-Württemberg	260,500	265,800	262,500	269,100	2.0	0.8	3.3

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
627	Heilbronn	Baden-Württemberg	207,900	213,200	210,800	215,700	2.5	1.4	3.8
631	Karlsruhe-Rastatt	Baden-Württemberg	449,600	457,000	451,600	462,400	1.6	0.4	2.8
634	Konstanz-Ravensburg	Baden-Württemberg	305,100	311,500	307,200	315,800	2.1	0.7	3.5
637	Lörrach	Baden-Württemberg	133,300	135,500	133,800	137,300	1.7	0.4	3.0
641	Ludwigsburg	Baden-Württemberg	197,900	202,000	198,800	205,200	2.1	0.5	3.7
644	Mannheim	Baden-Württemberg	185,800	188,800	186,100	191,500	1.6	0.2	3.1
647	Nagold-Pforzheim	Baden-Württemberg	210,900	214,900	211,300	218,400	1.9	0.2	3.6
651	Offenburg	Baden-Württemberg	176,100	179,800	177,300	182,200	2.1	0.7	3.5
664	Reutlingen	Baden-Württemberg	191,500	195,700	192,900	198,500	2.2	0.7	3.7
671	Waiblingen	Baden-Württemberg	147,400	150,600	148,500	152,700	2.2	0.7	3.6
674	Schwäbisch Hall-Taubertal	Baden-Württemberg	237,800	242,600	238,900	246,300	2.0	0.5	3.6
677	Stuttgart	Baden-Württemberg	583,600	593,800	587,100	600,600	1.7	0.6	2.9
684	Ulm	Baden-Württemberg	230,000	234,700	231,800	237,700	2.0	0.8	3.3
687	Rottweil-Villingen-Schwenningen	Baden-Württemberg	206,400	210,300	207,100	213,500	1.9	0.3	3.4
711	Ansbach-Weißenburg	Bavaria	157,800	160,700	158,400	163,000	1.8	0.4	3.3
715	Aschaffenburg	Bavaria	139,700	142,700	140,400	145,100	2.1	0.5	3.9
723	Bayreuth-Hof	Bavaria	187,900	190,800	188,100	193,400	1.5	0.1	2.9
727	Bamberg-Coburg	Bavaria	238,700	242,100	238,300	245,800	1.4	-0.2	3.0
729	Fürth	Bavaria	244,800	249,100	245,700	252,500	1.8	0.4	3.1
735	Nürnberg	Bavaria	375,300	383,000	378,300	387,600	2.1	0.8	3.3
739	Regensburg	Bavaria	254,400	260,600	257,000	264,100	2.4	1.0	3.8
743	Schwandorf	Bavaria	161,600	165,200	162,700	167,700	2.2	0.7	3.8
747	Schweinfurt	Bavaria	171,800	174,100	171,400	176,800	1.3	-0.2	2.9
751	Weiden	Bavaria	83,000	84,900	83,700	86,200	2.3	0.8	3.9
759	Würzburg	Bavaria	204,800	208,300	205,400	211,200	1.7	0.3	3.1
811	Augsburg	Bavaria	251,800	256,700	253,300	260,200	1.9	0.6	3.3
815	Deggendorf	Bavaria	131,600	134,500	132,400	136,500	2.2	0.6	3.7
819	Donauwörth	Bavaria	208,500	213,000	209,600	216,300	2.2	0.5	3.7
823	Freising	Bavaria	205,600	210,400	207,900	212,800	2.3	1.1	3.5
827	Ingolstadt	Bavaria	218,300	223,700	220,200	227,200	2.5	0.9	4.1



LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
831	Kempton-Memmingen	Bavaria	263,700	269,100	265,200	273,000	2.0	0.6	3.5
835	Landshut-Pfarrkirchen	Bavaria	175,600	179,400	176,900	181,900	2.2	0.7	3.6
843	München	Bavaria	1,074,400	1,100,600	1,086,500	1,114,700	2.4	1.1	3.8
847	Passau	Bavaria	121,300	124,200	122,300	126,100	2.4	0.8	4.0
855	Rosenheim	Bavaria	188,200	192,200	189,200	195,200	2.1	0.5	3.7
859	Traunstein	Bavaria	187,200	191,000	187,900	194,200	2.0	0.4	3.7
863	Weilheim	Bavaria	211,000	215,700	212,500	218,900	2.2	0.7	3.7
900	Berlin	Berlin	1,427,400	1,470,300	1,450,200	1,490,300	3.0	1.6	4.4
Germany (western/eastern/Total) <sup>3)</sup>									
Germany, western			26,213,000	26,704,000	26,356,000	27,051,000	1.9	0.5	3.2
Germany, eastern			6,008,000	6,125,000	6,047,000	6,202,000	1.9	0.6	3.2
Germany, (Total)			32,221,000	32,828,000	32,403,000	33,253,000	1.9	0.6	3.2

<sup>1)</sup> Due to rounding off, differences between the sum of the labour market districts and Germany can occur.

<sup>2)</sup> The statistical uncertainty which is represented in the lower and upper bounds is also affected by the size of a region. This means that the relative uncertainty of labour market districts is generally higher than for the Federal States. Therefore, the sums of the lower and upper bounds do not correspond to the values for the Federal States. The values for Germany (western/eastern/Total) shown here are those from the results of the sum of the Federal States.

<sup>3)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000.

Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency. Time-span: January 1993 to June 2017.

### 3. Unemployment in the Federal States yearly average

	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
Federal States							
Schleswig-Holstein	93,000	91,600	84,400	98,800	-1.5	-9.2	6.2
Hamburg	69,400	68,300	62,600	73,900	-1.6	-9.8	6.5
Lower Saxony	243,700	234,300	217,300	251,200	-3.9	-10.8	3.1
Bremen	35,400	34,600	32,500	36,700	-2.3	-8.2	3.7
North Rhine-Westphalia	702,300	698,700	646,400	751,000	-0.5	-8.0	6.9
Hessen	165,800	160,200	147,100	173,200	-3.4	-11.3	4.5
Rhineland-Palatinate	106,600	104,800	95,200	114,400	-1.7	-10.7	7.3
Baden-Württemberg	214,700	206,600	180,300	232,900	-3.8	-16.0	8.5
Bavaria	234,400	228,600	193,600	263,500	-2.5	-17.4	12.4
Saarland	34,800	34,500	31,400	37,500	-0.9	-9.8	7.8
Berlin	169,900	164,900	152,000	177,700	-2.9	-10.5	4.6
Brandenburg	92,600	88,000	77,400	98,700	-5.0	-16.4	6.6
Mecklenburg-Vorpommern	71,400	70,300	61,400	79,300	-1.5	-14.0	11.1
Saxony	140,800	135,800	119,800	151,800	-3.6	-14.9	7.8
Saxony-Anhalt	96,800	92,700	82,800	102,700	-4.2	-14.5	6.1
Thuringia	68,500	66,200	56,900	75,500	-3.4	-16.9	10.2
Germany (western/eastern/Total) <sup>1)</sup>							
Germany, western	1,900,000	1,862,000	1,691,000	2,033,000	-2.0	-11.0	7.0
Germany, eastern	640,000	618,000	550,000	686,000	-3.4	-14.1	7.2
Germany (Total)	2,540,000	2,480,000	2,241,000	2,719,000	-2.4	-11.8	7.0

<sup>1)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000. Due to rounding off, the sums for Germany (western/eastern/Total) may diverge slightly from official statistics. Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 1991 to August 2017.

## 4. Number of Unemployed in the Social Code II System<sup>1)</sup> in the Federal States yearly average

	2017	2018 GDP: +1.7%		Growth Rate 2017 to ... 2018 (in %)			
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
<b>Federal States</b>							
Schleswig-Holstein	61,900	62,400	57,000	67,800	0.8	-7.9	9.5
Hamburg	46,200	46,000	41,400	50,600	-0.4	-10.4	9.5
Lower Saxony	161,100	158,200	146,700	169,700	-1.8	-8.9	5.3
Bremen	27,800	27,300	25,100	29,500	-1.8	-9.7	6.1
North Rhine-Westphalia	503,400	507,200	477,500	536,900	0.8	-5.1	6.7
Hessen	111,900	110,400	99,200	121,600	-1.3	-11.3	8.7
Rhineland-Palatinate	64,700	64,700	59,500	69,900	0.0	-8.0	8.0
Baden-Württemberg	118,300	113,600	103,700	123,500	-4.0	-12.3	4.4
Bavaria	113,500	110,500	98,800	122,200	-2.6	-13.0	7.7
Saarland	24,300	24,500	22,200	26,800	0.8	-8.6	10.3
Berlin	127,000	122,000	110,200	133,800	-3.9	-13.2	5.4
Brandenburg	65,000	62,000	54,600	69,400	-4.6	-16.0	6.8
Mecklenburg-Vorpommern	47,800	47,200	41,800	52,600	-1.3	-12.6	10.0
Saxony	98,200	94,400	83,700	105,100	-3.9	-14.8	7.0
Saxony-Anhalt	70,000	67,200	59,600	74,800	-4.0	-14.9	6.9
Thuringia	44,200	43,400	37,100	49,700	-1.8	-16.1	12.4
<b>Germany (western/eastern/Total)<sup>2)</sup></b>							
Germany, western	1,233,000	1,225,000	1,131,000	1,319,000	-0.6	-8.3	7.0
Germany, eastern	452,000	436,000	387,000	485,000	-3.5	-14.4	7.3
Germany (Total)	1,685,000	1,661,000	1,518,000	1,804,000	-1.4	-9.9	7.1

<sup>1)</sup> SGB II unemployed.

<sup>2)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000. Due to rounding off, the sums for Germany (western/eastern/Total) may diverge slightly from official statistics. Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 2005 to August 2017.

## 5. Number of Unemployed in the Social Code III System<sup>1)</sup> in the Federal States yearly average

	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
<b>Federal States</b>							
Schleswig-Holstein	31,100	29,200	26,500	31,800	-6.1	-14.8	2.3
Hamburg	23,200	22,300	19,900	24,700	-3.9	-14.2	6.5
Lower Saxony	82,600	76,100	68,600	83,500	-7.9	-16.9	1.1
Bremen	7,600	7,300	6,600	8,100	-3.9	-13.2	6.6
North Rhine-Westphalia	198,900	191,500	169,500	213,500	-3.7	-14.8	7.3
Hessen	53,900	49,800	42,000	57,600	-7.6	-22.1	6.9
Rhineland-Palatinate	41,900	40,100	34,300	45,800	-4.3	-18.1	9.3
Baden-Württemberg	96,400	93,000	76,500	109,500	-3.5	-20.6	13.6
Bavaria	120,900	118,100	99,500	136,600	-2.3	-17.7	13.0
Saarland	10,500	10,000	8,100	11,800	-4.8	-22.9	12.4
Berlin	42,900	42,900	39,400	46,300	0.0	-8.2	7.9
Brandenburg	27,600	26,000	22,900	29,000	-5.8	-17.0	5.1
Mecklenburg-Vorpommern	23,600	23,100	21,300	24,900	-2.1	-9.7	5.5
Saxony	42,600	41,400	36,700	46,200	-2.8	-13.8	8.5
Saxony-Anhalt	26,800	25,500	21,900	29,000	-4.9	-18.3	8.2
Thuringia	24,300	22,800	19,800	25,800	-6.2	-18.5	6.2
<b>Germany (western/eastern/Total)<sup>2)</sup></b>							
Germany, western	667,000	637,000	552,000	723,000	-4.5	-17.2	8.4
Germany, eastern	188,000	182,000	162,000	201,000	-3.2	-13.8	6.9
Germany (Total)	855,000	819,000	714,000	924,000	-4.2	-16.5	8.1

<sup>1)</sup> SGB III unemployed.

<sup>2)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000. Due to rounding off, the sums for Germany (western/eastern/Total) may diverge slightly from official statistics. Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 2005 to August 2017.

## 6. Unemployment in the Labour Market Districts yearly average

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
30	Greifswald	Mecklenburg-Vorpommern	12,000	11,700	10,200	13,300	-2.5	-15.0	10.8
31	Neubrandenburg	Mecklenburg-Vorpommern	14,300	14,300	12,800	15,800	0.0	-10.5	10.5
32	Rostock	Mecklenburg-Vorpommern	16,600	16,300	14,500	18,200	-1.8	-12.7	9.6
33	Schwerin	Mecklenburg-Vorpommern	17,100	16,800	13,900	19,800	-1.8	-18.7	15.8
34	Stralsund	Mecklenburg-Vorpommern	11,400	11,200	9,700	12,600	-1.8	-14.9	10.5
35	Cottbus	Brandenburg	23,200	21,700	18,100	25,300	-6.5	-22.0	9.1
36	Eberswalde	Brandenburg	13,900	13,500	11,400	15,700	-2.9	-18.0	12.9
37	Frankfurt (Oder)	Brandenburg	16,000	15,100	13,300	16,900	-5.6	-16.9	5.6
38	Neuruppin	Brandenburg	20,200	19,300	17,200	21,300	-4.5	-14.9	5.4
39	Potsdam	Brandenburg	19,300	18,400	16,700	20,200	-4.7	-13.5	4.7
41	Bernburg	Saxony-Anhalt	9,500	9,000	7,500	10,500	-5.3	-21.1	10.5
42	Dessau-Roßlau-Wittenberg	Saxony-Anhalt	15,400	14,600	12,500	16,700	-5.2	-18.8	8.4
43	Halberstadt	Saxony-Anhalt	7,000	6,700	5,200	8,200	-4.3	-25.7	17.1
44	Halle	Saxony-Anhalt	19,100	18,500	17,200	19,700	-3.1	-9.9	3.1
45	Magdeburg	Saxony-Anhalt	21,000	20,300	17,600	23,000	-3.3	-16.2	9.5
46	Weißenfels	Saxony-Anhalt	7,600	7,100	5,800	8,400	-6.6	-23.7	10.5
47	Sangerhausen	Saxony-Anhalt	7,700	7,400	6,400	8,400	-3.9	-16.9	9.1
48	Stendal	Saxony-Anhalt	9,500	9,100	7,400	10,700	-4.2	-22.1	12.6
71	Annaberg-Buchholz	Saxony	9,800	9,500	7,700	11,400	-3.1	-21.4	16.3
72	Bautzen	Saxony	21,300	20,400	17,800	23,000	-4.2	-16.4	8.0
73	Chemnitz	Saxony	9,300	9,100	8,100	10,000	-2.2	-12.9	7.5
74	Dresden	Saxony	19,200	18,400	17,200	19,500	-4.2	-10.4	1.6
75	Leipzig	Saxony	23,000	21,700	19,800	23,600	-5.7	-13.9	2.6
76	Oschatz	Saxony	16,400	16,000	13,800	18,200	-2.4	-15.9	11.0
77	Pirna	Saxony	7,200	7,100	6,100	8,100	-1.4	-15.3	12.5
78	Plauen	Saxony	7,000	6,900	5,900	8,000	-1.4	-15.7	14.3
79	Riesa	Saxony	8,200	8,100	7,100	9,000	-1.2	-13.4	9.8

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
80	Freiberg	Saxony	9,600	9,100	7,700	10,500	-5.2	-19.8	9.4
92	Zwickau	Saxony	9,800	9,500	7,500	11,400	-3.1	-23.5	16.3
93	Erfurt	Thuringia	16,700	16,100	13,700	18,500	-3.6	-18.0	10.8
94	Altenburg-Gera	Thuringia	13,800	13,400	11,400	15,400	-2.9	-17.4	11.6
95	Gotha	Thuringia	8,900	8,500	7,100	9,900	-4.5	-20.2	11.2
96	Jena	Thuringia	8,900	8,700	7,600	9,800	-2.2	-14.6	10.1
97	Nordhausen	Thuringia	9,100	8,800	7,000	10,600	-3.3	-23.1	16.5
98	Suhl	Thuringia	11,100	10,700	7,900	13,400	-3.6	-28.8	20.7
111	Bad Oldesloe	Schleswig-Holstein	10,000	9,800	8,900	10,800	-2.0	-11.0	8.0
115	Elmshorn	Schleswig-Holstein	15,700	15,900	14,900	16,900	1.3	-5.1	7.6
119	Flensburg	Schleswig-Holstein	16,500	16,000	13,800	18,300	-3.0	-16.4	10.9
123	Hamburg	Hamburg	69,400	68,300	63,900	72,700	-1.6	-7.9	4.8
127	Heide	Schleswig-Holstein	9,000	8,800	7,500	10,000	-2.2	-16.7	11.1
131	Kiel	Schleswig-Holstein	15,600	15,600	13,700	17,400	0.0	-12.2	11.5
135	Lübeck	Schleswig-Holstein	15,500	14,700	12,500	16,900	-5.2	-19.4	9.0
139	Neumünster	Schleswig-Holstein	10,700	10,800	9,600	11,900	0.9	-10.3	11.2
211	Braunschweig-Goslar	Lower Saxony	21,800	20,900	19,400	22,300	-4.1	-11.0	2.3
214	Bremen-Bremerhaven	Bremen/Lower Saxony	37,500	36,400	33,200	39,700	-2.9	-11.5	5.9
221	Celle	Lower Saxony	11,000	10,600	9,800	11,400	-3.6	-10.9	3.6
224	Emden-Leer	Lower Saxony	16,300	15,600	14,300	17,000	-4.3	-12.3	4.3
231	Göttingen	Lower Saxony	14,000	13,400	11,700	15,100	-4.3	-16.4	7.9
234	Hameln	Lower Saxony	12,300	11,600	10,600	12,700	-5.7	-13.8	3.3
237	Hannover	Lower Saxony	43,300	42,000	37,700	46,300	-3.0	-12.9	6.9
241	Helmstedt	Lower Saxony	11,100	10,600	9,700	11,400	-4.5	-12.6	2.7
244	Hildesheim	Lower Saxony	13,100	12,700	11,500	13,900	-3.1	-12.2	6.1
251	Lüneburg-Uelzen	Lower Saxony	15,200	14,600	13,300	15,800	-3.9	-12.5	3.9
257	Nordhorn	Lower Saxony	8,100	7,900	6,700	9,100	-2.5	-17.3	12.3
261	Oldenburg-Wilhelmshaven	Lower Saxony	26,500	25,800	23,800	27,800	-2.6	-10.2	4.9
264	Osnabrück	Lower Saxony	13,600	13,000	11,400	14,600	-4.4	-16.2	7.4
267	Stade	Lower Saxony	15,500	14,700	13,300	16,100	-5.2	-14.2	3.9

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
274	Vechta	Lower Saxony	7,800	7,400	6,700	8,200	-5.1	-14.1	5.1
277	Nienburg-Verden	Lower Saxony	12,000	11,700	10,700	12,600	-2.5	-10.8	5.0
311	Aachen-Düren	North Rhine-Westphalia	40,300	40,700	36,800	44,600	1.0	-8.7	10.7
315	Bergisch Gladbach	North Rhine-Westphalia	23,800	23,500	21,600	25,300	-1.3	-9.2	6.3
317	Bielefeld	North Rhine-Westphalia	23,800	23,800	21,700	25,900	0.0	-8.8	8.8
321	Bochum	North Rhine-Westphalia	27,800	27,800	25,300	30,300	0.0	-9.0	9.0
323	Bonn	North Rhine-Westphalia	27,500	27,900	25,500	30,300	1.5	-7.3	10.2
325	Brühl	North Rhine-Westphalia	22,600	22,100	20,300	23,900	-2.2	-10.2	5.8
327	Coesfeld	North Rhine-Westphalia	11,400	10,900	9,000	12,700	-4.4	-21.1	11.4
331	Detmold	North Rhine-Westphalia	12,000	11,800	10,900	12,700	-1.7	-9.2	5.8
333	Dortmund	North Rhine-Westphalia	34,200	34,100	31,200	36,900	-0.3	-8.8	7.9
337	Düsseldorf	North Rhine-Westphalia	24,300	24,200	22,000	26,400	-0.4	-9.5	8.6
341	Duisburg	North Rhine-Westphalia	31,300	31,300	29,100	33,500	0.0	-7.0	7.0
343	Essen	North Rhine-Westphalia	33,800	33,600	30,900	36,300	-0.6	-8.6	7.4
345	Gelsenkirchen	North Rhine-Westphalia	22,300	22,300	20,200	24,400	0.0	-9.4	9.4
347	Hagen	North Rhine-Westphalia	21,200	21,100	19,500	22,800	-0.5	-8.0	7.5
351	Hamm	North Rhine-Westphalia	25,000	24,900	22,900	27,000	-0.4	-8.4	8.0
353	Herford	North Rhine-Westphalia	16,000	15,800	13,800	17,900	-1.3	-13.8	11.9
355	Iserlohn	North Rhine-Westphalia	14,800	14,300	12,200	16,500	-3.4	-17.6	11.5
357	Köln	North Rhine-Westphalia	48,000	48,400	45,700	51,000	0.8	-4.8	6.3
361	Krefeld	North Rhine-Westphalia	22,700	22,700	20,800	24,500	0.0	-8.4	7.9
364	Mettmann	North Rhine-Westphalia	16,000	15,800	14,300	17,200	-1.3	-10.6	7.5
365	Mönchengladbach	North Rhine-Westphalia	27,400	27,200	24,900	29,500	-0.7	-9.1	7.7
367	Ahlen-Münster	North Rhine-Westphalia	17,600	17,600	16,400	18,700	0.0	-6.8	6.3
371	Oberhausen	North Rhine-Westphalia	18,500	18,300	16,700	19,900	-1.1	-9.7	7.6
373	Paderborn	North Rhine-Westphalia	12,800	12,600	11,300	14,000	-1.6	-11.7	9.4
375	Recklinghausen	North Rhine-Westphalia	33,100	33,100	30,800	35,400	0.0	-6.9	6.9
377	Rheine	North Rhine-Westphalia	11,200	11,100	10,200	12,100	-0.9	-8.9	8.0
381	Siegen	North Rhine-Westphalia	11,300	10,800	9,300	12,300	-4.4	-17.7	8.8
383	Meschede-Soest	North Rhine-Westphalia	16,200	15,600	13,900	17,400	-3.7	-14.2	7.4
387	Wesel	North Rhine-Westphalia	26,800	26,900	23,900	29,900	0.4	-10.8	11.6

Table „Unemployment in Labour Market Districts“ continued from previous page

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
391	Solingen-Wuppertal	North Rhine-Westphalia	28,600	28,500	25,200	31,900	-0.3	-11.9	11.5
411	Bad Hersfeld-Fulda	Hessen	6,300	5,900	4,800	7,100	-6.3	-23.8	12.7
415	Darmstadt	Hessen	20,600	20,100	18,100	22,000	-2.4	-12.1	6.8
419	Frankfurt	Hessen	23,200	22,600	20,500	24,700	-2.6	-11.6	6.5
427	Gießen	Hessen	17,500	16,600	14,900	18,400	-5.1	-14.9	5.1
431	Hanau	Hessen	10,100	9,800	8,600	11,000	-3.0	-14.9	8.9
433	Bad Homburg	Hessen	16,700	16,000	14,600	17,400	-4.2	-12.6	4.2
435	Kassel	Hessen	16,800	15,800	13,900	17,700	-6.0	-17.3	5.4
439	Korbach	Hessen	7,600	7,200	6,000	8,400	-5.3	-21.1	10.5
443	Limburg-Wetzlar	Hessen	11,500	11,100	9,900	12,300	-3.5	-13.9	7.0
447	Marburg	Hessen	4,900	4,700	4,000	5,400	-4.1	-18.4	10.2
451	Offenbach	Hessen	15,100	14,700	13,300	16,000	-2.6	-11.9	6.0
459	Wiesbaden	Hessen	15,500	15,700	14,600	16,900	1.3	-5.8	9.0
511	Bad Kreuznach	Rhineland-Palatinate	10,000	9,900	8,600	11,200	-1.0	-14.0	12.0
515	Kaiserslautern-Pirmasens	Rhineland-Palatinate	17,900	17,600	15,700	19,500	-1.7	-12.3	8.9
519	Koblenz-Mayen	Rhineland-Palatinate	11,400	11,100	9,800	12,300	-2.6	-14.0	7.9
523	Ludwigshafen	Rhineland-Palatinate	13,500	13,500	12,100	14,800	0.0	-10.4	9.6
527	Mainz	Rhineland-Palatinate	17,400	16,800	15,100	18,500	-3.4	-13.2	6.3
535	Montabaur	Rhineland-Palatinate	6,000	5,900	4,800	7,000	-1.7	-20.0	16.7
543	Landau	Rhineland-Palatinate	11,200	10,900	9,600	12,200	-2.7	-14.3	8.9
547	Neuwied	Rhineland-Palatinate	8,500	8,400	7,200	9,500	-1.2	-15.3	11.8
555	Saarland	Saarland	34,800	34,500	30,900	38,100	-0.9	-11.2	9.5
563	Trier	Rhineland-Palatinate	10,700	10,700	9,500	11,900	0.0	-11.2	11.2
611	Aalen	Baden-Württemberg	8,800	8,200	6,900	9,500	-6.8	-21.6	8.0
614	Balingen	Baden-Württemberg	5,800	5,400	4,400	6,500	-6.9	-24.1	12.1
617	Freiburg	Baden-Württemberg	13,400	13,000	11,800	14,100	-3.0	-11.9	5.2
621	Göppingen	Baden-Württemberg	15,500	15,300	13,600	17,000	-1.3	-12.3	9.7
624	Heidelberg	Baden-Württemberg	15,100	14,900	13,600	16,300	-1.3	-9.9	7.9
627	Heilbronn	Baden-Württemberg	9,900	9,300	7,900	10,700	-6.1	-20.2	8.1
631	Karlsruhe-Rastatt	Baden-Württemberg	20,600	20,000	17,800	22,200	-2.9	-13.6	7.8



LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%			Growth Rate 2017 to ... 2018 (in %)		
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
634	Konstanz-Ravensburg	Baden-Württemberg	13,300	12,700	11,300	14,100	-4.5	-15.0	6.0
637	Lörrach	Baden-Württemberg	7,000	6,600	5,700	7,500	-5.7	-18.6	7.1
641	Ludwigsburg	Baden-Württemberg	10,200	9,600	8,300	11,000	-5.9	-18.6	7.8
644	Mannheim	Baden-Württemberg	9,000	8,300	7,400	9,200	-7.8	-17.8	2.2
647	Nagold-Pforzheim	Baden-Württemberg	12,100	11,800	9,700	13,900	-2.5	-19.8	14.9
651	Offenburg	Baden-Württemberg	7,900	7,700	6,400	9,000	-2.5	-19.0	13.9
664	Reutlingen	Baden-Württemberg	9,200	9,000	7,600	10,400	-2.2	-17.4	13.0
671	Waiblingen	Baden-Württemberg	7,900	7,600	6,600	8,600	-3.8	-16.5	8.9
674	Schwäbisch Hall-Tauberbischofsheim	Baden-Württemberg	10,400	9,800	8,300	11,200	-5.8	-20.2	7.7
677	Stuttgart	Baden-Württemberg	22,200	21,900	19,600	24,100	-1.4	-11.7	8.6
684	Ulm	Baden-Württemberg	8,400	8,000	6,400	9,600	-4.8	-23.8	14.3
687	Rottweil-Villingen-Schwenningen	Baden-Württemberg	8,000	7,500	5,500	9,400	-6.3	-31.3	17.5
711	Ansbach-Weißenburg	Bavaria	7,300	7,100	6,000	8,100	-2.7	-17.8	11.0
715	Aschaffenburg	Bavaria	7,000	7,000	5,900	8,000	0.0	-15.7	14.3
723	Bayreuth-Hof	Bavaria	10,400	10,100	8,800	11,500	-2.9	-15.4	10.6
727	Bamberg-Coburg	Bavaria	10,900	10,700	8,700	12,700	-1.8	-20.2	16.5
729	Fürth	Bavaria	10,900	10,600	9,300	11,900	-2.8	-14.7	9.2
735	Nürnberg	Bavaria	20,400	20,000	18,700	21,400	-2.0	-8.3	4.9
739	Regensburg	Bavaria	8,100	7,400	6,000	8,900	-8.6	-25.9	9.9
743	Schwandorf	Bavaria	7,200	7,100	6,000	8,200	-1.4	-16.7	13.9
747	Schweinfurt	Bavaria	7,900	7,700	6,700	8,600	-2.5	-15.2	8.9
751	Weiden	Bavaria	4,700	4,500	3,800	5,300	-4.3	-19.1	12.8
759	Würzburg	Bavaria	7,600	7,200	6,100	8,400	-5.3	-19.7	10.5
811	Augsburg	Bavaria	13,900	13,300	11,500	15,200	-4.3	-17.3	9.4
815	Deggendorf	Bavaria	6,100	5,700	4,800	6,500	-6.6	-21.3	6.6
819	Donauwörth	Bavaria	6,600	6,300	4,700	8,000	-4.5	-28.8	21.2
823	Freising	Bavaria	7,200	7,000	6,100	7,800	-2.8	-15.3	8.3
827	Ingolstadt	Bavaria	6,100	5,800	5,100	6,500	-4.9	-16.4	6.6
831	Kempten-Memmingen	Bavaria	10,200	9,600	8,100	11,200	-5.9	-20.6	9.8
835	Landshut-Pfarrkirchen	Bavaria	7,500	7,500	6,700	8,300	0.0	-10.7	10.7
843	München	Bavaria	41,000	41,500	38,400	44,600	1.2	-6.3	8.8

LMD-No.	Labour Market District	Federal State	2017	2018 GDP: +1.7%		Growth Rate 2017 to ... 2018 (in %)			
			Average <sup>1)</sup>	Average <sup>1)</sup>	Lower Bound <sup>2)</sup>	Upper Bound <sup>2)</sup>	... Average ...	... Lower Bound ...	... Upper Bound ...
847	Passau	Bavaria	6,100	6,000	5,300	6,700	-1.6	-13.1	9.8
855	Rosenheim	Bavaria	8,000	7,600	6,500	8,600	-5.0	-18.8	7.5
859	Traunstein	Bavaria	9,200	9,200	8,200	10,300	0.0	-10.9	12.0
863	Weilheim	Bavaria	10,100	9,700	8,800	10,600	-4.0	-12.9	5.0
900	Berlin	Berlin	169,900	164,900	151,900	177,800	-2.9	-10.6	4.6
Germany (western/eastern/Total) <sup>3)</sup>									
Germany, western			1,900,000	1,862,000	1,691,000	2,033,000	-2.0	-11.0	7.0
Germany, eastern			640,000	618,000	550,000	686,000	-3.4	-14.1	7.2
Germany, (Total)			2,540,000	2,480,000	2,241,000	2,719,000	-2.4	-11.8	7.0

<sup>1)</sup> Due to rounding off, differences between the sum of the labour market districts and Germany can occur.

<sup>2)</sup> The statistical uncertainty which is represented in the lower and upper bounds is also affected by the size of a region. This means that the relative uncertainty of labour market districts is generally higher than for the Federal States. Therefore, the sums of the lower and upper bounds do not correspond to the values for the Federal States. The values for Germany (western/eastern/Total) shown here are those from the results of the sum of the Federal States.

<sup>3)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000.

Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency. Time-span: December 1997 to August 2017.

## 7. People Capable of Working and Eligible for Benefits<sup>1)</sup> in the Federal States yearly average

	2017	2018 GDP: +1.7%		Growth Rate 2017 to ... 2018 (in %)			
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
<b>Federal States</b>							
Schleswig-Holstein	162,900	166,500	162,100	171,000	2.2	-0.5	5.0
Hamburg	136,800	140,300	137,100	143,500	2.6	0.2	4.9
Lower Saxony	418,900	421,300	413,900	428,800	0.6	-1.2	2.4
Bremen	72,300	74,300	72,200	76,300	2.8	-0.1	5.5
North Rhine-Westphalia	1,206,000	1,224,500	1,199,800	1,249,200	1.5	-0.5	3.6
Hessen	304,800	313,200	306,000	320,400	2.8	0.4	5.1
Rhineland-Palatinate	170,000	172,100	168,000	176,200	1.2	-1.2	3.6
Baden-Württemberg	333,400	335,600	325,400	345,800	0.7	-2.4	3.7
Bavaria	322,200	323,500	314,800	332,200	0.4	-2.3	3.1
Saarland	66,000	66,600	65,800	67,400	0.9	-0.3	2.1
Berlin	392,700	391,100	381,400	400,900	-0.4	-2.9	2.1
Brandenburg	154,300	148,400	141,200	155,600	-3.8	-8.5	0.8
Mecklenburg-Vorpommern	116,600	112,000	106,400	117,600	-3.9	-8.7	0.9
Saxony	235,900	222,600	210,000	235,200	-5.6	-11.0	-0.3
Saxony-Anhalt	176,600	168,900	162,200	175,500	-4.4	-8.2	-0.6
Thuringia	112,600	109,000	105,200	112,900	-3.2	-6.6	0.3
<b>Germany (western/eastern/Total)<sup>2)</sup></b>							
Germany, western	3,193,000	3,238,000	3,165,000	3,311,000	1.4	-0.9	3.7
Germany, eastern	1,189,000	1,152,000	1,106,000	1,198,000	-3.1	-7.0	0.8
Germany (Total)	4,382,000	4,390,000	4,272,000	4,509,000	0.2	-2.5	2.9

<sup>1)</sup> "erwerbsfähige Leistungsberechtigte".

<sup>2)</sup> Values for Germany (western/eastern/Total) are rounded off to the nearest 1,000. Due to rounding off, the sums for Germany (western/eastern/Total) may diverge slightly from official statistics. Total values correspond to those in the IAB-Kurzbericht 21/2017.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 2005 to August 2017.

# Imprint

## **Publisher**

Institute for Employment Research,  
Regensburger Str. 104,  
D-90478 Nuremberg

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## **Published on**

September 26th 2017

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## **Please quote as**

Rossen, Anja; Roth, Duncan Wapler, Rüdiger; Weyh, Antje (2017):  
Regional Labour Market Forecasts 2/2017.

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