

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, nine 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. The last model, a stock-flow approach, uses the information that in- and outflow of workers provide about the future level of (un)employment. These models yield especially good forecasting results during turning points.

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 21/2018 (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

	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
Federal States							
Schleswig-Holstein	985,400	1,003,000	992,300	1,013,700	1.8	0.7	2.9
Hamburg	977,600	997,100	984,500	1,009,600	2.0	0.7	3.3
Lower Saxony	2,969,400	3,021,400	2,979,400	3,063,500	1.8	0.3	3.2
Bremen	331,400	335,300	330,800	339,700	1.2	-0.2	2.5
North Rhine-Westphalia	6,879,500	6,988,200	6,911,200	7,065,200	1.6	0.5	2.7
Hessen	2,593,800	2,640,800	2,615,800	2,665,700	1.8	0.8	2.8
Rhineland-Palatinate	1,416,200	1,435,200	1,419,200	1,451,200	1.3	0.2	2.5
Baden-Württemberg	4,680,800	4,768,500	4,711,900	4,825,100	1.9	0.7	3.1
Bavaria	5,596,800	5,709,400	5,636,300	5,782,600	2.0	0.7	3.3
Saarland	390,600	394,400	389,200	399,600	1.0	-0.4	2.3
Berlin	1,480,900	1,526,000	1,507,100	1,544,900	3.0	1.8	4.3
Brandenburg	849,900	865,200	855,700	874,700	1.8	0.7	2.9
Mecklenburg-Vorpommern	572,200	579,700	573,400	586,000	1.3	0.2	2.4
Saxony	1,611,600	1,637,500	1,619,400	1,655,500	1.6	0.5	2.7
Saxony-Anhalt	801,400	808,600	799,000	818,200	0.9	-0.3	2.1
Thuringia	807,400	816,900	804,400	829,300	1.2	-0.4	2.7
Germany (western/eastern/Total) ¹⁾							
Germany, western	26,822,000	27,293,000	26,971,000	27,616,000	1.8	0.6	3.0
Germany, eastern	6,123,000	6,234,000	6,159,000	6,309,000	1.8	0.6	3.0
Germany (Total)	32,945,000	33,527,000	33,130,000	33,925,000	1.8	0.6	3.0

¹⁾ 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 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency. Time-span: January 1993 to June 2018.

2. Employment in the Labour Market Districts yearly average

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
30	Greifswald	Mecklenburg-Vorpommern	82,900	83,900	82,800	85,000	1.2	-0.1	2.5
31	Neubrandenburg	Mecklenburg-Vorpommern	93,900	94,900	93,900	95,900	1.1	0.0	2.1
32	Rostock	Mecklenburg-Vorpommern	158,400	161,400	159,500	163,300	1.9	0.7	3.1
33	Schwerin	Mecklenburg-Vorpommern	164,000	165,500	163,500	167,400	0.9	-0.3	2.1
34	Stralsund	Mecklenburg-Vorpommern	73,000	74,000	73,000	75,000	1.4	0.0	2.7
35	Cottbus	Brandenburg	220,700	224,600	221,600	227,600	1.8	0.4	3.1
36	Eberswalde	Brandenburg	89,200	90,700	89,500	92,000	1.7	0.3	3.1
37	Frankfurt (Oder)	Brandenburg	134,900	137,000	134,900	139,100	1.6	0.0	3.1
38	Neuruppin	Brandenburg	164,400	167,200	164,300	170,100	1.7	-0.1	3.5
39	Potsdam	Brandenburg	240,700	245,700	243,700	247,800	2.1	1.2	2.9
41	Bernburg	Saxony-Anhalt	63,400	63,900	63,200	64,700	0.8	-0.3	2.1
42	Dessau-Roßlau-Wittenberg	Saxony-Anhalt	133,600	134,600	132,900	136,400	0.7	-0.5	2.1
43	Halberstadt	Saxony-Anhalt	73,900	74,400	73,400	75,400	0.7	-0.7	2.0
44	Halle	Saxony-Anhalt	166,500	168,000	165,800	170,200	0.9	-0.4	2.2
45	Magdeburg	Saxony-Anhalt	198,700	200,800	198,800	202,700	1.1	0.1	2.0
46	Weißenfels	Saxony-Anhalt	59,700	60,600	59,900	61,400	1.5	0.3	2.8
47	Sangerhausen	Saxony-Anhalt	42,200	42,700	42,300	43,200	1.2	0.2	2.4
48	Stendal	Saxony-Anhalt	63,400	63,600	62,300	64,800	0.3	-1.7	2.2
71	Annaberg-Buchholz	Saxony	116,400	117,300	115,500	119,200	0.8	-0.8	2.4
72	Bautzen	Saxony	200,500	203,800	201,400	206,100	1.6	0.4	2.8
73	Chemnitz	Saxony	117,200	118,300	116,900	119,800	0.9	-0.3	2.2
74	Dresden	Saxony	266,800	272,900	269,400	276,400	2.3	1.0	3.6
75	Leipzig	Saxony	270,000	276,400	272,100	280,600	2.4	0.8	3.9
76	Oschatz	Saxony	152,000	154,600	152,400	156,900	1.7	0.3	3.2
77	Pirna	Saxony	79,300	80,700	79,400	82,000	1.8	0.1	3.4
78	Plauen	Saxony	82,100	83,100	81,700	84,400	1.2	-0.5	2.8

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
79	Riesa	Saxony	89,900	91,100	90,000	92,100	1.3	0.1	2.4
80	Freiberg	Saxony	110,600	110,900	109,500	112,400	0.3	-1.0	1.6
92	Zwickau	Saxony	126,800	128,400	126,400	130,300	1.3	-0.3	2.8
93	Erfurt	Thuringia	221,800	224,900	222,600	227,300	1.4	0.4	2.5
94	Altenburg-Gera	Thuringia	124,900	125,800	124,000	127,700	0.7	-0.7	2.2
95	Gotha	Thuringia	87,200	89,300	88,000	90,500	2.4	0.9	3.8
96	Jena	Thuringia	120,000	121,700	119,900	123,500	1.4	-0.1	2.9
97	Nordhausen	Thuringia	87,100	88,100	86,400	89,700	1.1	-0.8	3.0
98	Suhl	Thuringia	166,400	167,100	164,100	170,200	0.4	-1.4	2.3
111	Bad Oldesloe	Schleswig-Holstein	133,700	135,900	134,200	137,700	1.6	0.4	3.0
115	Elmshorn	Schleswig-Holstein	184,300	187,600	185,500	189,700	1.8	0.7	2.9
119	Flensburg	Schleswig-Holstein	159,400	162,500	160,200	164,700	1.9	0.5	3.3
123	Hamburg	Hamburg	977,600	997,100	985,800	1,008,400	2.0	0.8	3.2
127	Heide	Schleswig-Holstein	79,700	80,500	79,400	81,700	1.0	-0.4	2.5
131	Kiel	Schleswig-Holstein	151,300	153,900	151,800	156,000	1.7	0.3	3.1
135	Lübeck	Schleswig-Holstein	158,100	161,000	158,900	163,200	1.8	0.5	3.2
139	Neumünster	Schleswig-Holstein	118,900	121,600	120,200	122,900	2.3	1.1	3.4
211	Braunschweig-Goslar	Lower Saxony	249,300	252,200	248,300	256,100	1.2	-0.4	2.7
214	Bremen-Bremerhaven	Bremen/Lower Saxony	358,100	362,800	358,500	367,200	1.3	0.1	2.5
221	Celle	Lower Saxony	104,900	106,600	105,000	108,200	1.6	0.1	3.1
224	Emden-Leer	Lower Saxony	158,300	161,200	158,100	164,400	1.8	-0.1	3.9
231	Göttingen	Lower Saxony	175,400	177,200	174,700	179,600	1.0	-0.4	2.4
234	Hameln	Lower Saxony	120,100	122,300	120,600	123,900	1.8	0.4	3.2
237	Hannover	Lower Saxony	513,000	520,900	513,700	528,000	1.5	0.1	2.9
241	Helmstedt	Lower Saxony	185,800	188,600	183,400	193,800	1.5	-1.3	4.3
244	Hildesheim	Lower Saxony	124,600	126,300	124,700	128,000	1.4	0.1	2.7
251	Lüneburg-Uelzen	Lower Saxony	168,000	171,900	169,300	174,500	2.3	0.8	3.9
257	Nordhorn	Lower Saxony	187,000	192,000	189,100	194,800	2.7	1.1	4.2
261	Oldenburg-Wilhelmshaven	Lower Saxony	272,500	277,200	273,500	280,800	1.7	0.4	3.0
264	Osnabrück	Lower Saxony	222,500	226,700	223,600	229,900	1.9	0.5	3.3

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			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average Lower Bound Upper Bound ...
267	Stade	Lower Saxony	165,500	168,200	165,400	170,900	1.6	-0.1	3.3
274	Vechta	Lower Saxony	137,500	140,900	139,000	142,800	2.5	1.1	3.9
277	Nienburg-Verden	Lower Saxony	158,300	161,700	159,500	163,800	2.1	0.8	3.5
311	Aachen-Düren	North Rhine-Westphalia	372,400	379,500	374,700	384,400	1.9	0.6	3.2
315	Bergisch Gladbach	North Rhine-Westphalia	245,700	249,600	246,600	252,600	1.6	0.4	2.8
317	Bielefeld	North Rhine-Westphalia	335,500	342,700	338,300	347,100	2.1	0.8	3.5
321	Bochum	North Rhine-Westphalia	178,700	180,100	177,800	182,400	0.8	-0.5	2.1
323	Bonn	North Rhine-Westphalia	337,300	341,700	336,800	346,600	1.3	-0.1	2.8
325	Brühl	North Rhine-Westphalia	199,100	202,900	200,100	205,800	1.9	0.5	3.4
327	Coesfeld	North Rhine-Westphalia	215,800	220,400	217,100	223,700	2.1	0.6	3.7
331	Detmold	North Rhine-Westphalia	113,000	114,500	113,100	116,000	1.3	0.1	2.7
333	Dortmund	North Rhine-Westphalia	241,000	245,500	242,200	248,700	1.9	0.5	3.2
337	Düsseldorf	North Rhine-Westphalia	420,700	428,200	423,500	432,900	1.8	0.7	2.9
341	Duisburg	North Rhine-Westphalia	174,700	176,900	174,900	178,900	1.3	0.1	2.4
343	Essen	North Rhine-Westphalia	247,600	251,600	248,200	255,000	1.6	0.2	3.0
345	Gelsenkirchen	North Rhine-Westphalia	115,100	116,700	114,800	118,600	1.4	-0.3	3.0
347	Hagen	North Rhine-Westphalia	179,200	181,300	178,900	183,700	1.2	-0.2	2.5
351	Hamm	North Rhine-Westphalia	189,800	193,600	190,900	196,200	2.0	0.6	3.4
353	Herford	North Rhine-Westphalia	221,400	223,200	220,100	226,200	0.8	-0.6	2.2
355	Iserlohn	North Rhine-Westphalia	164,200	166,300	163,800	168,800	1.3	-0.2	2.8
357	Köln	North Rhine-Westphalia	572,200	582,700	575,100	590,300	1.8	0.5	3.2
361	Krefeld	North Rhine-Westphalia	184,300	186,900	184,800	189,000	1.4	0.3	2.6
364	Mettmann	North Rhine-Westphalia	188,800	191,600	189,400	193,900	1.5	0.3	2.7
365	Mönchengladbach	North Rhine-Westphalia	246,600	250,100	246,800	253,400	1.4	0.1	2.8
367	Ahlen-Münster	North Rhine-Westphalia	261,400	265,400	261,900	268,800	1.5	0.2	2.8
371	Oberhausen	North Rhine-Westphalia	125,400	126,500	124,800	128,200	0.9	-0.5	2.2
373	Paderborn	North Rhine-Westphalia	163,800	166,000	163,800	168,100	1.3	0.0	2.6
375	Recklinghausen	North Rhine-Westphalia	168,200	170,900	168,400	173,400	1.6	0.1	3.1
377	Rheine	North Rhine-Westphalia	160,400	163,800	161,700	166,000	2.1	0.8	3.5
381	Siegen	North Rhine-Westphalia	176,300	179,100	176,700	181,500	1.6	0.2	2.9

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
383	Meschede-Soest	North Rhine-Westphalia	218,100	221,200	217,900	224,500	1.4	-0.1	2.9
387	Wesel	North Rhine-Westphalia	237,700	242,300	238,900	245,700	1.9	0.5	3.4
391	Solingen-Wuppertal	North Rhine-Westphalia	225,100	227,000	223,000	231,000	0.8	-0.9	2.6
411	Bad Hersfeld-Fulda	Hessen	142,900	145,100	142,900	147,200	1.5	0.0	3.0
415	Darmstadt	Hessen	283,800	289,000	285,300	292,800	1.8	0.5	3.2
419	Frankfurt	Hessen	586,000	600,000	593,300	606,600	2.4	1.2	3.5
427	Gießen	Hessen	216,300	219,800	217,400	222,300	1.6	0.5	2.8
431	Hanau	Hessen	136,900	139,600	137,700	141,400	2.0	0.6	3.3
433	Bad Homburg	Hessen	297,000	301,600	298,800	304,500	1.5	0.6	2.5
435	Kassel	Hessen	215,200	217,900	214,000	221,800	1.3	-0.6	3.1
439	Korbach	Hessen	119,000	121,000	119,500	122,600	1.7	0.4	3.0
443	Limburg-Wetzlar	Hessen	149,000	152,100	150,100	154,000	2.1	0.7	3.4
447	Marburg	Hessen	92,100	93,400	92,300	94,500	1.4	0.2	2.6
451	Offenbach	Hessen	174,400	177,900	176,300	179,500	2.0	1.1	2.9
459	Wiesbaden	Hessen	181,200	183,400	181,700	185,100	1.2	0.3	2.2
511	Bad Kreuznach	Rhineland-Palatinate	118,800	120,600	119,100	122,100	1.5	0.3	2.8
515	Kaiserslautern-Pirmasens	Rhineland-Palatinate	165,400	167,100	165,100	169,100	1.0	-0.2	2.2
519	Koblenz-Mayen	Rhineland-Palatinate	196,700	199,700	197,000	202,300	1.5	0.2	2.8
523	Ludwigshafen	Rhineland-Palatinate	177,300	179,100	176,500	181,800	1.0	-0.5	2.5
527	Mainz	Rhineland-Palatinate	233,500	237,400	234,600	240,200	1.7	0.5	2.9
535	Montabaur	Rhineland-Palatinate	101,100	102,300	100,900	103,600	1.2	-0.2	2.5
543	Landau	Rhineland-Palatinate	148,300	150,700	149,200	152,200	1.6	0.6	2.6
547	Neuwied	Rhineland-Palatinate	99,900	101,700	100,600	102,800	1.8	0.7	2.9
555	Saarland	Saarland	390,600	394,400	390,800	397,900	1.0	0.1	1.9
563	Trier	Rhineland-Palatinate	175,200	176,600	174,400	178,800	0.8	-0.5	2.1
611	Aalen	Baden-Württemberg	178,600	181,700	179,400	184,000	1.7	0.4	3.0
614	Balingen	Baden-Württemberg	116,700	118,700	117,400	119,900	1.7	0.6	2.7
617	Freiburg	Baden-Württemberg	261,900	267,400	264,200	270,700	2.1	0.9	3.4
621	Göppingen	Baden-Württemberg	308,900	314,200	310,500	317,900	1.7	0.5	2.9
624	Heidelberg	Baden-Württemberg	267,000	272,100	269,000	275,100	1.9	0.7	3.0

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			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average Lower Bound Upper Bound ...
627	Heilbronn	Baden-Württemberg	213,900	219,100	216,800	221,500	2.4	1.4	3.6
631	Karlsruhe-Rastatt	Baden-Württemberg	457,300	463,600	458,500	468,700	1.4	0.3	2.5
634	Konstanz-Ravensburg	Baden-Württemberg	312,500	318,800	314,700	322,800	2.0	0.7	3.3
637	Lörrach	Baden-Württemberg	135,400	137,400	135,800	139,100	1.5	0.3	2.7
641	Ludwigsburg	Baden-Württemberg	203,400	207,900	204,900	210,800	2.2	0.7	3.6
644	Mannheim	Baden-Württemberg	190,300	193,700	191,200	196,100	1.8	0.5	3.0
647	Nagold-Pforzheim	Baden-Württemberg	215,600	219,200	215,900	222,400	1.7	0.1	3.2
651	Offenburg	Baden-Württemberg	181,300	184,800	182,600	187,100	1.9	0.7	3.2
664	Reutlingen	Baden-Württemberg	196,300	200,400	197,800	203,000	2.1	0.8	3.4
671	Waiblingen	Baden-Württemberg	151,700	154,600	152,700	156,500	1.9	0.7	3.2
674	Schwäbisch Hall-Taubertbischofsheim	Baden-Württemberg	243,700	248,200	244,800	251,600	1.8	0.5	3.2
677	Stuttgart	Baden-Württemberg	598,700	610,800	604,700	617,000	2.0	1.0	3.1
684	Ulm	Baden-Württemberg	234,700	238,700	235,900	241,500	1.7	0.5	2.9
687	Rottweil-Villingen-Schwenningen	Baden-Württemberg	212,900	217,200	214,200	220,200	2.0	0.6	3.4
711	Ansbach-Weißenburg	Bavaria	161,600	164,500	162,400	166,600	1.8	0.5	3.1
715	Aschaffenburg	Bavaria	142,500	144,500	142,300	146,700	1.4	-0.1	2.9
723	Bayreuth-Hof	Bavaria	191,300	193,200	190,800	195,700	1.0	-0.3	2.3
727	Bamberg-Coburg	Bavaria	243,200	246,700	243,300	250,100	1.4	0.0	2.8
729	Fürth	Bavaria	250,700	255,400	252,200	258,500	1.9	0.6	3.1
735	Nürnberg	Bavaria	382,200	387,900	383,400	392,500	1.5	0.3	2.7
739	Regensburg	Bavaria	262,100	268,100	264,800	271,400	2.3	1.0	3.5
743	Schwandorf	Bavaria	165,100	167,800	165,400	170,300	1.6	0.2	3.1
747	Schweinfurt	Bavaria	176,100	178,700	176,200	181,200	1.5	0.1	2.9
751	Weiden	Bavaria	85,100	86,800	85,600	88,000	2.0	0.6	3.4
759	Würzburg	Bavaria	209,900	213,600	210,900	216,200	1.8	0.5	3.0
811	Augsburg	Bavaria	258,100	262,800	259,700	266,000	1.8	0.6	3.1
815	Deggendorf	Bavaria	134,500	137,100	135,100	139,100	1.9	0.4	3.4
819	Donauwörth	Bavaria	214,300	218,700	215,600	221,700	2.1	0.6	3.5
823	Freising	Bavaria	211,600	217,100	214,900	219,400	2.6	1.6	3.7
827	Ingolstadt	Bavaria	223,200	228,500	225,100	231,800	2.4	0.9	3.9

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
831	Kempton-Memmingen	Bavaria	271,900	278,000	274,400	281,600	2.2	0.9	3.6
835	Landshut-Pfarrkirchen	Bavaria	178,700	181,800	179,300	184,300	1.7	0.3	3.1
843	München	Bavaria	1,107,500	1,135,500	1,122,500	1,148,500	2.5	1.4	3.7
847	Passau	Bavaria	125,100	127,900	126,200	129,700	2.2	0.9	3.7
855	Rosenheim	Bavaria	192,500	196,100	193,300	199,000	1.9	0.4	3.4
859	Traunstein	Bavaria	191,900	195,700	192,800	198,500	2.0	0.5	3.4
863	Weilheim	Bavaria	217,700	223,000	220,100	225,900	2.4	1.1	3.8
900	Berlin	Berlin	1,480,900	1,526,000	1,507,400	1,544,600	3.0	1.8	4.3
Germany (western/eastern/Total) ³⁾									
Germany, western			26,822,000	27,293,000	26,971,000	27,616,000	1.8	0.6	3.0
Germany, eastern			6,123,000	6,234,000	6,159,000	6,309,000	1.8	0.6	3.0
Germany, (Total)			32,945,000	33,527,000	33,130,000	33,925,000	1.8	0.6	3.0

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

²⁾ 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.

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

Total values correspond to those in the IAB-Kurzbericht 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency. Time-span: January 1993 to June 2018.

3. Unemployment in the Federal States yearly average

	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
Federal States							
Schleswig-Holstein	86,100	81,100	74,300	87,900	-5.8	-13.7	2.1
Hamburg	66,100	63,100	57,900	68,400	-4.5	-12.4	3.5
Lower Saxony	228,200	213,500	198,100	228,900	-6.4	-13.2	0.3
Bremen	34,900	33,400	31,500	35,300	-4.3	-9.7	1.1
North Rhine-Westphalia	654,500	628,800	581,200	676,500	-3.9	-11.2	3.4
Hessen	153,900	142,400	130,400	154,400	-7.5	-15.3	0.3
Rhineland-Palatinate	99,100	93,400	84,500	102,300	-5.8	-14.7	3.2
Baden-Württemberg	195,500	186,000	160,900	211,000	-4.9	-17.7	7.9
Bavaria	215,500	206,400	173,200	239,600	-4.2	-19.6	11.2
Saarland	32,100	29,500	26,600	32,400	-8.1	-17.1	0.9
Berlin	157,300	151,800	139,600	164,000	-3.5	-11.3	4.3
Brandenburg	83,400	77,900	67,600	88,300	-6.6	-18.9	5.9
Mecklenburg-Vorpommern	65,300	61,400	52,600	70,100	-6.0	-19.4	7.4
Saxony	125,800	117,800	102,300	133,200	-6.4	-18.7	5.9
Saxony-Anhalt	87,800	81,500	71,700	91,200	-7.2	-18.3	3.9
Thuringia	62,100	57,800	48,900	66,700	-6.9	-21.3	7.4
Germany (western/eastern/Total) ¹⁾							
Germany, western	1,766,000	1,678,000	1,519,000	1,837,000	-5.0	-14.0	4.0
Germany, eastern	582,000	548,000	483,000	614,000	-5.8	-17.0	5.5
Germany (Total)	2,348,000	2,226,000	2,001,000	2,450,000	-5.2	-14.8	4.3

¹⁾ 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 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 1991 to August 2018.

4. Number of Unemployed in the Social Code II System¹⁾ in the Federal States yearly average

	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
Federal States							
Schleswig-Holstein	56,900	54,100	48,800	59,400	-4.9	-14.2	4.4
Hamburg	43,300	40,500	36,200	44,800	-6.5	-16.4	3.5
Lower Saxony	152,000	142,100	131,100	153,100	-6.5	-13.8	0.7
Bremen	27,000	26,100	24,000	28,200	-3.3	-11.1	4.4
North Rhine-Westphalia	470,100	451,400	423,800	479,000	-4.0	-9.8	1.9
Hessen	103,200	95,400	85,200	105,600	-7.6	-17.4	2.3
Rhineland-Palatinate	59,500	56,400	51,500	61,300	-5.2	-13.4	3.0
Baden-Württemberg	106,000	100,400	90,100	110,700	-5.3	-15.0	4.4
Bavaria	102,200	96,200	84,100	108,300	-5.9	-17.7	6.0
Saarland	22,500	20,600	18,300	22,900	-8.4	-18.7	1.8
Berlin	115,400	112,800	101,200	124,400	-2.3	-12.3	7.8
Brandenburg	58,300	55,200	47,900	62,500	-5.3	-17.8	7.2
Mecklenburg-Vorpommern	44,300	42,200	36,700	47,700	-4.7	-17.2	7.7
Saxony	87,300	82,700	72,200	93,200	-5.3	-17.3	6.8
Saxony-Anhalt	63,100	59,200	51,700	66,700	-6.2	-18.1	5.7
Thuringia	40,100	38,300	32,200	44,400	-4.5	-19.7	10.7
Germany (western/eastern/Total)²⁾							
Germany, western	1,143,000	1,083,000	993,000	1,173,000	-5.2	-13.1	2.6
Germany, eastern	409,000	390,000	342,000	439,000	-4.6	-16.4	7.3
Germany (Total)	1,551,000	1,473,000	1,335,000	1,612,000	-5.0	-13.9	3.9

¹⁾ SGB II unemployed.

²⁾ 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 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 2005 to August 2018.

5. Number of Unemployed in the Social Code III System¹⁾ in the Federal States yearly average

	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
Federal States							
Schleswig-Holstein	29,200	27,000	24,600	29,500	-7.5	-15.8	1.0
Hamburg	22,800	22,600	20,300	24,900	-0.9	-11.0	9.2
Lower Saxony	76,200	71,400	64,000	78,900	-6.3	-16.0	3.5
Bremen	7,900	7,300	6,500	8,100	-7.6	-17.7	2.5
North Rhine-Westphalia	184,400	177,400	156,900	198,000	-3.8	-14.9	7.4
Hessen	50,700	47,000	39,800	54,100	-7.3	-21.5	6.7
Rhineland-Palatinate	39,600	37,000	31,800	42,100	-6.6	-19.7	6.3
Baden-Württemberg	89,500	85,600	70,700	100,500	-4.4	-21.0	12.3
Bavaria	113,300	110,200	93,700	126,800	-2.7	-17.3	11.9
Saarland	9,600	8,900	7,300	10,500	-7.3	-24.0	9.4
Berlin	41,900	39,000	35,300	42,600	-6.9	-15.8	1.7
Brandenburg	25,100	22,700	19,900	25,500	-9.6	-20.7	1.6
Mecklenburg-Vorpommern	21,000	19,200	17,600	20,900	-8.6	-16.2	-0.5
Saxony	38,500	35,100	30,800	39,500	-8.8	-20.0	2.6
Saxony-Anhalt	24,700	22,300	19,000	25,600	-9.7	-23.1	3.6
Thuringia	22,000	19,500	16,700	22,300	-11.4	-24.1	1.4
Germany (western/eastern/Total)²⁾							
Germany, western	623,000	594,000	516,000	673,000	-4.7	-17.2	8.0
Germany, eastern	173,000	158,000	139,000	176,000	-8.7	-19.7	1.7
Germany (Total)	796,000	752,000	655,000	850,000	-5.5	-17.7	6.8

¹⁾ SGB III unemployed.

²⁾ 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 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 2005 to August 2018.

6. Unemployment in the Labour Market Districts yearly average

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
30	Greifswald	Mecklenburg-Vorpommern	11,000	10,300	8,700	11,800	-6.4	-20.9	7.3
31	Neubrandenburg	Mecklenburg-Vorpommern	12,600	11,900	10,400	13,400	-5.6	-17.5	6.3
32	Rostock	Mecklenburg-Vorpommern	14,900	13,900	12,100	15,700	-6.7	-18.8	5.4
33	Schwerin	Mecklenburg-Vorpommern	16,300	15,400	12,700	18,200	-5.5	-22.1	11.7
34	Stralsund	Mecklenburg-Vorpommern	10,500	9,900	8,500	11,300	-5.7	-19.0	7.6
35	Cottbus	Brandenburg	20,800	19,300	15,900	22,800	-7.2	-23.6	9.6
36	Eberswalde	Brandenburg	12,500	11,800	9,800	13,800	-5.6	-21.6	10.4
37	Frankfurt (Oder)	Brandenburg	15,000	14,000	12,300	15,700	-6.7	-18.0	4.7
38	Neuruppin	Brandenburg	17,700	16,300	14,300	18,300	-7.9	-19.2	3.4
39	Potsdam	Brandenburg	17,400	16,500	14,800	18,300	-5.2	-14.9	5.2
41	Bernburg	Saxony-Anhalt	8,800	8,100	6,700	9,500	-8.0	-23.9	8.0
42	Dessau-Roßlau-Wittenberg	Saxony-Anhalt	14,000	12,900	10,800	14,900	-7.9	-22.9	6.4
43	Halberstadt	Saxony-Anhalt	6,200	5,600	4,200	7,000	-9.7	-32.3	12.9
44	Halle	Saxony-Anhalt	17,400	16,100	14,900	17,300	-7.5	-14.4	-0.6
45	Magdeburg	Saxony-Anhalt	19,300	18,400	15,700	21,100	-4.7	-18.7	9.3
46	Weißenfels	Saxony-Anhalt	6,600	6,000	4,700	7,300	-9.1	-28.8	10.6
47	Sangerhausen	Saxony-Anhalt	6,900	6,400	5,400	7,300	-7.2	-21.7	5.8
48	Stendal	Saxony-Anhalt	8,600	8,000	6,500	9,500	-7.0	-24.4	10.5
71	Annaberg-Buchholz	Saxony	8,400	7,600	5,800	9,400	-9.5	-31.0	11.9
72	Bautzen	Saxony	19,400	17,900	15,400	20,300	-7.7	-20.6	4.6
73	Chemnitz	Saxony	9,000	8,800	7,800	9,700	-2.2	-13.3	7.8
74	Dresden	Saxony	17,800	16,800	15,700	17,900	-5.6	-11.8	0.6
75	Leipzig	Saxony	20,300	18,700	16,800	20,500	-7.9	-17.2	1.0
76	Oschatz	Saxony	14,700	14,000	11,900	16,000	-4.8	-19.0	8.8
77	Pirna	Saxony	6,500	6,000	5,000	7,000	-7.7	-23.1	7.7
78	Plauen	Saxony	6,000	5,500	4,500	6,500	-8.3	-25.0	8.3
79	Riesa	Saxony	7,500	7,200	6,200	8,100	-4.0	-17.3	8.0

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
80	Freiberg	Saxony	8,400	7,900	6,600	9,300	-6.0	-21.4	10.7
92	Zwickau	Saxony	7,800	7,400	5,600	9,300	-5.1	-28.2	19.2
93	Erfurt	Thuringia	15,500	14,300	12,000	16,600	-7.7	-22.6	7.1
94	Altenburg-Gera	Thuringia	12,300	11,300	9,400	13,100	-8.1	-23.6	6.5
95	Gotha	Thuringia	7,900	7,600	6,200	8,900	-3.8	-21.5	12.7
96	Jena	Thuringia	8,200	7,900	6,800	8,900	-3.7	-17.1	8.5
97	Nordhausen	Thuringia	8,300	7,600	5,900	9,300	-8.4	-28.9	12.0
98	Suhl	Thuringia	9,900	9,100	6,500	11,700	-8.1	-34.3	18.2
111	Bad Oldesloe	Schleswig-Holstein	9,400	8,900	7,900	9,800	-5.3	-16.0	4.3
115	Elmshorn	Schleswig-Holstein	14,700	14,000	13,000	15,000	-4.8	-11.6	2.0
119	Flensburg	Schleswig-Holstein	15,100	14,400	12,300	16,500	-4.6	-18.5	9.3
123	Hamburg	Hamburg	66,100	63,100	59,100	67,200	-4.5	-10.6	1.7
127	Heide	Schleswig-Holstein	8,400	7,700	6,600	8,900	-8.3	-21.4	6.0
131	Kiel	Schleswig-Holstein	14,400	13,500	11,800	15,300	-6.3	-18.1	6.3
135	Lübeck	Schleswig-Holstein	14,400	13,600	11,600	15,600	-5.6	-19.4	8.3
139	Neumünster	Schleswig-Holstein	9,700	9,000	7,900	10,000	-7.2	-18.6	3.1
211	Braunschweig-Goslar	Lower Saxony	20,000	18,600	17,200	19,900	-7.0	-14.0	-0.5
214	Bremen-Bremerhaven	Bremen/Lower Saxony	36,900	35,300	32,300	38,300	-4.3	-12.5	3.8
221	Celle	Lower Saxony	9,700	9,100	8,300	9,900	-6.2	-14.4	2.1
224	Emden-Leer	Lower Saxony	15,400	14,400	13,100	15,600	-6.5	-14.9	1.3
231	Göttingen	Lower Saxony	13,600	12,800	11,300	14,400	-5.9	-16.9	5.9
234	Hameln	Lower Saxony	12,100	11,200	10,200	12,100	-7.4	-15.7	0.0
237	Hannover	Lower Saxony	41,100	38,800	34,800	42,900	-5.6	-15.3	4.4
241	Helmstedt	Lower Saxony	10,600	9,800	9,000	10,600	-7.5	-15.1	0.0
244	Hildesheim	Lower Saxony	12,300	11,600	10,500	12,700	-5.7	-14.6	3.3
251	Lüneburg-Uelzen	Lower Saxony	14,600	13,800	12,600	15,000	-5.5	-13.7	2.7
257	Nordhorn	Lower Saxony	6,800	6,200	5,100	7,300	-8.8	-25.0	7.4
261	Oldenburg-Wilhelmshaven	Lower Saxony	24,400	22,900	21,100	24,700	-6.1	-13.5	1.2
264	Osnabrück	Lower Saxony	13,000	12,100	10,600	13,600	-6.9	-18.5	4.6
267	Stade	Lower Saxony	14,800	13,800	12,500	15,100	-6.8	-15.5	2.0

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
274	Vechta	Lower Saxony	6,800	6,200	5,500	6,900	-8.8	-19.1	1.5
277	Nienburg-Verden	Lower Saxony	11,000	10,300	9,400	11,200	-6.4	-14.5	1.8
311	Aachen-Düren	North Rhine-Westphalia	37,700	35,900	32,200	39,600	-4.8	-14.6	5.0
315	Bergisch Gladbach	North Rhine-Westphalia	21,200	20,300	18,600	22,000	-4.2	-12.3	3.8
317	Bielefeld	North Rhine-Westphalia	21,000	19,800	17,900	21,700	-5.7	-14.8	3.3
321	Bochum	North Rhine-Westphalia	25,700	24,900	22,500	27,200	-3.1	-12.5	5.8
323	Bonn	North Rhine-Westphalia	26,600	25,500	23,300	27,700	-4.1	-12.4	4.1
325	Brühl	North Rhine-Westphalia	21,100	20,200	18,500	21,800	-4.3	-12.3	3.3
327	Coesfeld	North Rhine-Westphalia	10,800	10,300	8,600	12,000	-4.6	-20.4	11.1
331	Detmold	North Rhine-Westphalia	11,200	10,700	9,900	11,600	-4.5	-11.6	3.6
333	Dortmund	North Rhine-Westphalia	32,200	31,300	28,600	33,900	-2.8	-11.2	5.3
337	Düsseldorf	North Rhine-Westphalia	22,700	21,900	19,900	23,900	-3.5	-12.3	5.3
341	Duisburg	North Rhine-Westphalia	29,300	28,400	26,400	30,400	-3.1	-9.9	3.8
343	Essen	North Rhine-Westphalia	31,800	30,800	28,400	33,300	-3.1	-10.7	4.7
345	Gelsenkirchen	North Rhine-Westphalia	21,200	20,400	18,500	22,300	-3.8	-12.7	5.2
347	Hagen	North Rhine-Westphalia	19,300	18,400	16,900	19,900	-4.7	-12.4	3.1
351	Hamm	North Rhine-Westphalia	23,100	22,300	20,400	24,200	-3.5	-11.7	4.8
353	Herford	North Rhine-Westphalia	15,200	14,500	12,600	16,300	-4.6	-17.1	7.2
355	Iserlohn	North Rhine-Westphalia	13,400	12,900	10,900	14,900	-3.7	-18.7	11.2
357	Köln	North Rhine-Westphalia	46,200	44,600	42,200	47,100	-3.5	-8.7	1.9
361	Krefeld	North Rhine-Westphalia	22,000	21,200	19,500	22,900	-3.6	-11.4	4.1
364	Mettmann	North Rhine-Westphalia	15,000	14,500	13,100	15,800	-3.3	-12.7	5.3
365	Mönchengladbach	North Rhine-Westphalia	26,600	25,600	23,400	27,700	-3.8	-12.0	4.1
367	Ahlen-Münster	North Rhine-Westphalia	16,100	15,300	14,200	16,400	-5.0	-11.8	1.9
371	Oberhausen	North Rhine-Westphalia	17,600	16,900	15,400	18,300	-4.0	-12.5	4.0
373	Paderborn	North Rhine-Westphalia	11,700	11,100	9,900	12,300	-5.1	-15.4	5.1
375	Recklinghausen	North Rhine-Westphalia	30,300	28,900	26,700	31,000	-4.6	-11.9	2.3
377	Rheine	North Rhine-Westphalia	10,200	9,900	9,000	10,800	-2.9	-11.8	5.9
381	Siegen	North Rhine-Westphalia	9,800	9,100	7,700	10,400	-7.1	-21.4	6.1
383	Meschede-Soest	North Rhine-Westphalia	14,600	13,900	12,300	15,500	-4.8	-15.8	6.2
387	Wesel	North Rhine-Westphalia	24,600	23,800	21,100	26,500	-3.3	-14.2	7.7

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

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%		Growth Rate 2018 to ... 2019 (in %)			
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
391	Solingen-Wuppertal	North Rhine-Westphalia	26,300	25,500	22,400	28,500	-3.0	-14.8	8.4
411	Bad Hersfeld-Fulda	Hessen	5,900	5,400	4,300	6,400	-8.5	-27.1	8.5
415	Darmstadt	Hessen	19,500	17,800	15,900	19,700	-8.7	-18.5	1.0
419	Frankfurt	Hessen	21,800	19,900	18,000	21,900	-8.7	-17.4	0.5
427	Gießen	Hessen	15,800	14,600	12,900	16,300	-7.6	-18.4	3.2
431	Hanau	Hessen	9,400	8,600	7,500	9,700	-8.5	-20.2	3.2
433	Bad Homburg	Hessen	15,300	14,200	12,800	15,600	-7.2	-16.3	2.0
435	Kassel	Hessen	15,100	14,000	12,200	15,700	-7.3	-19.2	4.0
439	Korbach	Hessen	6,300	5,900	4,700	7,000	-6.3	-25.4	11.1
443	Limburg-Wetzlar	Hessen	10,800	10,000	8,900	11,100	-7.4	-17.6	2.8
447	Marburg	Hessen	4,800	4,500	3,800	5,100	-6.3	-20.8	6.3
451	Offenbach	Hessen	14,500	13,600	12,300	14,800	-6.2	-15.2	2.1
459	Wiesbaden	Hessen	14,700	13,900	12,800	15,000	-5.4	-12.9	2.0
511	Bad Kreuznach	Rhineland-Palatinate	9,400	8,800	7,600	10,000	-6.4	-19.1	6.4
515	Kaiserslautern-Pirmasens	Rhineland-Palatinate	16,700	15,800	14,100	17,500	-5.4	-15.6	4.8
519	Koblenz-Mayen	Rhineland-Palatinate	11,000	10,300	9,100	11,400	-6.4	-17.3	3.6
523	Ludwigshafen	Rhineland-Palatinate	13,100	12,500	11,200	13,700	-4.6	-14.5	4.6
527	Mainz	Rhineland-Palatinate	16,100	15,100	13,500	16,700	-6.2	-16.1	3.7
535	Montabaur	Rhineland-Palatinate	5,400	5,200	4,100	6,200	-3.7	-24.1	14.8
543	Landau	Rhineland-Palatinate	10,300	9,700	8,500	10,900	-5.8	-17.5	5.8
547	Neuwied	Rhineland-Palatinate	7,800	7,300	6,200	8,400	-6.4	-20.5	7.7
555	Saarland	Saarland	32,100	29,500	26,000	32,900	-8.1	-19.0	2.5
563	Trier	Rhineland-Palatinate	9,300	8,700	7,600	9,900	-6.5	-18.3	6.5
611	Aalen	Baden-Württemberg	7,500	7,200	5,900	8,500	-4.0	-21.3	13.3
614	Balingen	Baden-Württemberg	5,300	5,100	4,100	6,100	-3.8	-22.6	15.1
617	Freiburg	Baden-Württemberg	12,500	11,900	10,700	13,000	-4.8	-14.4	4.0
621	Göppingen	Baden-Württemberg	14,200	13,300	11,700	14,900	-6.3	-17.6	4.9
624	Heidelberg	Baden-Württemberg	14,100	13,400	12,100	14,700	-5.0	-14.2	4.3
627	Heilbronn	Baden-Württemberg	9,500	9,100	7,700	10,400	-4.2	-18.9	9.5
631	Karlsruhe-Rastatt	Baden-Württemberg	18,700	17,800	15,700	19,900	-4.8	-16.0	6.4

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
634	Konstanz-Ravensburg	Baden-Württemberg	12,100	11,300	10,000	12,700	-6.6	-17.4	5.0
637	Lörrach	Baden-Württemberg	6,600	6,300	5,500	7,100	-4.5	-16.7	7.6
641	Ludwigsburg	Baden-Württemberg	9,200	8,500	7,300	9,800	-7.6	-20.7	6.5
644	Mannheim	Baden-Württemberg	8,200	7,800	7,000	8,600	-4.9	-14.6	4.9
647	Nagold-Pforzheim	Baden-Württemberg	10,700	10,200	8,200	12,200	-4.7	-23.4	14.0
651	Offenburg	Baden-Württemberg	7,200	6,700	5,600	7,900	-6.9	-22.2	9.7
664	Reutlingen	Baden-Württemberg	8,600	8,200	6,900	9,500	-4.7	-19.8	10.5
671	Waiblingen	Baden-Württemberg	7,100	6,600	5,700	7,500	-7.0	-19.7	5.6
674	Schwäbisch Hall-Tauberbischofsheim	Baden-Württemberg	9,200	8,700	7,300	10,100	-5.4	-20.7	9.8
677	Stuttgart	Baden-Württemberg	20,400	19,800	17,600	21,900	-2.9	-13.7	7.4
684	Ulm	Baden-Württemberg	7,300	7,000	5,500	8,600	-4.1	-24.7	17.8
687	Rottweil-Villingen-Schwenningen	Baden-Württemberg	7,100	7,100	5,200	9,000	0.0	-26.8	26.8
711	Ansbach-Weißenburg	Bavaria	6,500	6,300	5,300	7,300	-3.1	-18.5	12.3
715	Aschaffenburg	Bavaria	6,500	6,200	5,100	7,200	-4.6	-21.5	10.8
723	Bayreuth-Hof	Bavaria	9,400	9,000	7,700	10,200	-4.3	-18.1	8.5
727	Bamberg-Coburg	Bavaria	10,000	9,500	7,600	11,300	-5.0	-24.0	13.0
729	Fürth	Bavaria	10,300	9,900	8,600	11,200	-3.9	-16.5	8.7
735	Nürnberg	Bavaria	18,900	18,400	17,100	19,700	-2.6	-9.5	4.2
739	Regensburg	Bavaria	7,700	7,400	6,100	8,800	-3.9	-20.8	14.3
743	Schwandorf	Bavaria	6,400	6,100	5,000	7,100	-4.7	-21.9	10.9
747	Schweinfurt	Bavaria	7,000	6,700	5,700	7,700	-4.3	-18.6	10.0
751	Weiden	Bavaria	4,100	3,900	3,100	4,600	-4.9	-24.4	12.2
759	Würzburg	Bavaria	7,000	6,600	5,500	7,700	-5.7	-21.4	10.0
811	Augsburg	Bavaria	13,100	12,500	10,600	14,300	-4.6	-19.1	9.2
815	Deggendorf	Bavaria	5,700	5,400	4,600	6,300	-5.3	-19.3	10.5
819	Donauwörth	Bavaria	5,700	5,500	4,000	7,100	-3.5	-29.8	24.6
823	Freising	Bavaria	6,900	6,600	5,800	7,500	-4.3	-15.9	8.7
827	Ingolstadt	Bavaria	5,500	5,200	4,600	5,900	-5.5	-16.4	7.3
831	Kempton-Memmingen	Bavaria	9,500	9,400	7,900	10,900	-1.1	-16.8	14.7
835	Landshut-Pfarrkirchen	Bavaria	7,500	7,300	6,500	8,100	-2.7	-13.3	8.0
843	München	Bavaria	37,500	35,600	32,700	38,600	-5.1	-12.8	2.9

LMD-No.	Labour Market District	Federal State	2018	2019 GDP: +1.7%			Growth Rate 2018 to ... 2019 (in %)		
			Average ¹⁾	Average ¹⁾	Lower Bound ²⁾	Upper Bound ²⁾	... Average ...	... Lower Bound ...	... Upper Bound ...
847	Passau	Bavaria	5,400	5,100	4,400	5,700	-5.6	-18.5	5.6
855	Rosenheim	Bavaria	7,400	6,900	6,000	7,900	-6.8	-18.9	6.8
859	Traunstein	Bavaria	8,300	8,100	7,100	9,100	-2.4	-14.5	9.6
863	Weilheim	Bavaria	9,200	8,800	7,900	9,700	-4.3	-14.1	5.4
900	Berlin	Berlin	157,300	151,800	139,600	164,000	-3.5	-11.3	4.3
Germany (western/eastern/Total) ³⁾									
Germany, western			1,766,000	1,678,000	1,519,000	1,837,000	-5.0	-14.0	4.0
Germany, eastern			582,000	548,000	483,000	614,000	-5.8	-17.0	5.5
Germany, (Total)			2,348,000	2,226,000	2,001,000	2,450,000	-5.2	-14.8	4.3

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

²⁾ 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.

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

Total values correspond to those in the IAB-Kurzbericht 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency. Time-span: December 1997 to August 2018.

7. People Capable of Working and Eligible for Benefits¹⁾ in the Federal States yearly average

	2018	2019 GDP: +1.7%		Growth Rate 2018 to ... 2019 (in %)			
	Average	Average	Lower Bound	Upper Bound	... Average ...	... Lower Bound ...	... Upper Bound ...
Federal States							
Schleswig-Holstein	155,900	150,200	146,800	153,600	-3.7	-5.8	-1.5
Hamburg	132,000	125,600	122,800	128,400	-4.8	-7.0	-2.7
Lower Saxony	405,000	387,900	382,000	393,800	-4.2	-5.7	-2.8
Bremen	70,800	69,000	67,100	70,800	-2.5	-5.2	0.0
North Rhine-Westphalia	1,169,200	1,156,800	1,137,600	1,175,900	-1.1	-2.7	0.6
Hessen	294,200	287,400	282,000	292,900	-2.3	-4.1	-0.4
Rhineland-Palatinate	162,400	156,300	152,700	159,900	-3.8	-6.0	-1.5
Baden-Württemberg	318,700	313,100	305,400	320,900	-1.8	-4.2	0.7
Bavaria	302,500	295,100	287,300	303,000	-2.4	-5.0	0.2
Saarland	62,500	60,500	58,600	62,400	-3.2	-6.2	-0.2
Berlin	370,500	363,800	351,800	375,800	-1.8	-5.0	1.4
Brandenburg	139,800	132,500	124,100	141,000	-5.2	-11.2	0.9
Mecklenburg-Vorpommern	105,500	99,700	93,800	105,600	-5.5	-11.1	0.1
Saxony	215,900	205,500	194,100	216,900	-4.8	-10.1	0.5
Saxony-Anhalt	162,400	156,400	149,700	163,200	-3.7	-7.8	0.5
Thuringia	102,700	99,000	95,300	102,800	-3.6	-7.2	0.1
Germany (western/eastern/Total)²⁾							
Germany, western	3,073,000	3,002,000	2,942,000	3,062,000	-2.3	-4.3	-0.4
Germany, eastern	1,097,000	1,057,000	1,009,000	1,105,000	-3.6	-8.0	0.7
Germany (Total)	4,170,000	4,059,000	3,951,000	4,167,000	-2.7	-5.3	-0.1

¹⁾ "erwerbsfähige Leistungsberechtigte".

²⁾ 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 21/2018.

Source: Forecasts are based on data of the Federal Employment Agency including the unemployed registered at local communities. Time-span: January 2005 to August 2018.

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