

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	AL		AK		AZ		AR		CA	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	1,816,495	18,169	175	235	75	84	296	234	784	647
AK	(X)	(X)	330,259	5,835	(X)	(X)	(X)	(X)	241	227
AZ	(X)	(X)	154	198	2,456,002	19,064	103	123	10,047	2,581
AR	150	163	119	152	171	188	1,131,254	11,601	898	578
CA	260	245	634	410	5,231	1,339	(X)	(X)	15,113,263	39,542
CO	159	264	704	777	2,430	1,378	167	203	2,398	856
CT	66	107	(X)	(X)	(X)	(X)	(X)	(X)	254	169
DE	(X)	(X)	(X)	(X)	116	148	84	138	(X)	(X)
DC	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	296	243
FL	9,967	1,956	214	202	407	327	282	286	2,206	1,048
GA	12,678	2,264	(X)	(X)	288	319	279	238	1,775	899
HI	(X)	(X)	300	326	176	174	(X)	(X)	880	468
ID	(X)	(X)	466	492	315	236	12	21	704	314
IL	350	249	38	64	445	373	347	265	2,307	856
IN	598	598	150	251	329	365	52	82	1,067	547
IA	45	77	19	31	265	301	150	150	183	189
KS	(X)	(X)	19	31	11	19	363	348	456	418
KY	635	382	21	26	(X)	(X)	344	415	36	63
LA	1,050	704	113	120	75	91	3,221	1,133	441	281
ME	(X)	(X)	30	50	224	284	7	14	92	155
MD	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	475	426
MA	46	76	(X)	(X)	151	150	61	100	752	431
MI	527	359	99	90	314	198	159	139	1,517	577
MN	77	122	83	98	159	132	11	17	1,248	520
MS	7,282	1,563	255	326	(X)	(X)	2,244	781	(X)	(X)
MO	60	98	11	18	493	256	9,492	1,527	341	233
MT	(X)	(X)	235	180	(X)	(X)	(X)	(X)	360	349
NE	24	40	39	66	6	11	38	50	195	172
NV	(X)	(X)	473	476	835	388	27	46	14,059	2,623
NH	(X)	(X)	67	80	(X)	(X)	(X)	(X)	243	195
NJ	65	113	(X)	(X)	191	213	67	114	777	357
NM	7	11	20	34	2,330	680	(X)	(X)	845	419
NY	244	356	(X)	(X)	554	385	126	144	3,129	1,206
NC	862	632	120	111	544	363	314	223	1,247	567
ND	(X)	(X)	6	12	34	59	(X)	(X)	10	18
OH	175	124	73	88	248	189	248	239	1,195	490
OK	28	45	(X)	(X)	26	35	14,617	1,809	413	237
OR	(X)	(X)	820	429	463	314	225	221	4,323	1,105
PA	191	154	40	51	118	129	256	167	1,080	483
RI	(X)	(X)	(X)	(X)	104	126	(X)	(X)	86	144
SC	221	214	128	163	71	78	62	96	411	263
SD	(X)	(X)	(X)	(X)	71	125	(X)	(X)	262	223
TN	10,522	1,445	(X)	(X)	219	218	1,922	510	680	449
TX	534	422	1,106	796	1,568	673	7,061	1,741	5,005	1,125
UT	126	148	80	83	1,011	475	47	82	1,720	687
VT	(X)	(X)	(X)	(X)	56	65	(X)	(X)	147	174
VA	67	108	23	41	367	442	20	38	1,118	636
WA	55	89	1,964	622	492	243	217	233	4,464	961
WV	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	198	238
WI	64	71	10	17	414	315	82	86	492	275
WY	(X)	(X)	238	228	(X)	(X)	(X)	(X)	17	40

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	CO		CT		DE		DC		FL	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	(X)	(X)	(X)	(X)	(X)	(X)	88	99	7,677	1,570
AK	(X)	(X)	6	14	(X)	(X)	11	18	(X)	(X)
AZ	1,614	620	227	302	(X)	(X)	166	179	637	474
AR	126	181	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
CA	1,275	601	314	261	85	139	973	586	1,510	615
CO	2,288,825	14,225	124	203	(X)	(X)	129	129	559	285
CT	83	102	1,534,321	12,273	(X)	(X)	93	116	561	301
DE	(X)	(X)	85	145	334,591	5,987	1,003	612	(X)	(X)
DC	62	104	(X)	(X)	(X)	(X)	218,625	5,691	91	149
FL	689	514	1,571	1,096	298	260	1,179	611	7,532,181	36,233
GA	390	330	416	409	8	15	485	357	12,681	2,101
HI	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	130	128
ID	118	134	(X)	(X)	(X)	(X)	87	136	18	31
IL	617	434	865	1,172	45	74	320	363	687	362
IN	45	76	46	76	(X)	(X)	93	117	351	276
IA	408	346	(X)	(X)	(X)	(X)	(X)	(X)	187	154
KS	881	394	(X)	(X)	145	246	(X)	(X)	106	113
KY	(X)	(X)	(X)	(X)	(X)	(X)	102	136	810	412
LA	39	65	190	240	(X)	(X)	35	60	1,098	608
ME	(X)	(X)	265	204	(X)	(X)	52	67	169	123
MD	67	95	114	141	19,006	2,815	330,171	10,226	923	501
MA	56	112	32,721	3,415	(X)	(X)	681	353	1,031	511
MI	83	77	404	322	11	18	165	132	879	370
MN	483	352	45	73	(X)	(X)	59	67	466	236
MS	16	27	(X)	(X)	(X)	(X)	(X)	(X)	257	289
MO	475	336	38	75	92	158	334	440	624	373
MT	265	262	20	35	(X)	(X)	(X)	(X)	167	223
NE	949	407	(X)	(X)	(X)	(X)	46	75	22	27
NV	566	426	(X)	(X)	(X)	(X)	10	19	419	382
NH	120	128	923	535	86	141	77	98	223	218
NJ	323	268	3,756	966	7,140	1,078	941	506	749	416
NM	1,312	602	(X)	(X)	(X)	(X)	43	62	477	485
NY	117	147	45,855	3,857	232	198	1,077	550	2,367	774
NC	357	429	127	143	119	143	576	365	3,524	1,331
ND	11	17	(X)	(X)	(X)	(X)	34	43	(X)	(X)
OH	290	259	225	226	(X)	(X)	370	270	1,186	435
OK	447	268	(X)	(X)	(X)	(X)	15	28	179	164
OR	116	121	88	142	(X)	(X)	(X)	(X)	(X)	(X)
PA	294	171	1,093	417	30,629	2,485	2,441	657	2,023	777
RI	(X)	(X)	12,349	1,964	(X)	(X)	71	83	246	199
SC	160	201	184	220	(X)	(X)	206	296	1,028	501
SD	96	112	(X)	(X)	(X)	(X)	255	307	(X)	(X)
TN	905	580	(X)	(X)	(X)	(X)	80	113	967	446
TX	1,263	591	466	353	(X)	(X)	924	624	3,291	1,191
UT	1,123	538	18	31	(X)	(X)	12	21	178	186
VT	472	234	(X)	(X)	(X)	(X)	36	44	(X)	(X)
VA	258	200	517	340	223	304	226,407	9,251	1,764	803
WA	66	75	(X)	(X)	(X)	(X)	916	516	375	261
WV	(X)	(X)	138	207	(X)	(X)	1,432	672	(X)	(X)
WI	119	106	357	308	(X)	(X)	61	79	212	177
WY	1,918	872	73	127	(X)	(X)	(X)	(X)	(X)	(X)

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	GA		HI		ID		IL		IN	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	44,317	3,208	177	284	(X)	(X)	666	475	200	185
AK	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
AZ	538	514	(X)	(X)	56	98	352	273	419	408
AR	262	220	33	64	(X)	(X)	453	323	62	105
CA	1,027	460	1,725	574	80	97	3,462	986	259	209
CO	691	443	(X)	(X)	40	66	572	278	130	163
CT	290	250	(X)	(X)	(X)	(X)	390	350	42	69
DE	(X)	(X)	(X)	(X)	(X)	(X)	149	143	27	45
DC	151	153	(X)	(X)	(X)	(X)	91	153	(X)	(X)
FL	12,400	2,128	52	88	(X)	(X)	3,720	1,382	1,343	629
GA	3,841,688	27,613	52	69	(X)	(X)	1,191	808	790	581
HI	(X)	(X)	615,535	8,290	(X)	(X)	20	33	37	69
ID	(X)	(X)	126	173	592,829	8,859	172	195	(X)	(X)
IL	2,285	1,404	(X)	(X)	171	265	5,382,881	23,595	34,069	3,529
IN	330	310	(X)	(X)	40	68	63,276	4,619	2,632,048	17,364
IA	134	195	19	25	29	49	20,270	1,782	8	13
KS	130	129	59	105	21	35	158	149	361	341
KY	1,288	574	(X)	(X)	(X)	(X)	2,480	885	24,408	2,434
LA	723	488	56	106	424	676	648	411	58	73
ME	(X)	(X)	(X)	(X)	(X)	(X)	59	99	25	45
MD	419	312	77	91	(X)	(X)	283	207	146	209
MA	349	241	251	410	(X)	(X)	877	592	776	815
MI	478	303	(X)	(X)	(X)	(X)	5,696	1,022	26,514	2,480
MN	653	299	(X)	(X)	20	27	1,840	545	256	159
MS	368	379	(X)	(X)	(X)	(X)	165	156	96	122
MO	614	576	63	119	(X)	(X)	24,503	2,310	1,174	555
MT	18	29	(X)	(X)	635	386	10	21	(X)	(X)
NE	33	46	(X)	(X)	(X)	(X)	68	112	34	39
NV	(X)	(X)	640	927	141	140	696	641	184	280
NH	286	305	(X)	(X)	(X)	(X)	98	96	21	36
NJ	159	156	(X)	(X)	35	59	835	385	331	252
NM	(X)	(X)	(X)	(X)	(X)	(X)	146	168	(X)	(X)
NY	1,327	553	37	60	(X)	(X)	1,379	604	612	460
NC	4,036	1,241	149	261	(X)	(X)	1,239	748	967	857
ND	(X)	(X)	(X)	(X)	(X)	(X)	83	118	(X)	(X)
OH	1,204	631	63	72	28	49	2,544	757	16,120	2,033
OK	189	255	(X)	(X)	(X)	(X)	150	147	37	64
OR	(X)	(X)	44	70	2,049	624	117	146	(X)	(X)
PA	1,398	549	379	542	(X)	(X)	1,061	409	285	196
RI	145	166	(X)	(X)	(X)	(X)	112	137	(X)	(X)
SC	23,731	3,131	(X)	(X)	(X)	(X)	344	234	457	443
SD	66	98	(X)	(X)	(X)	(X)	110	123	(X)	(X)
TN	13,678	2,318	50	87	(X)	(X)	1,832	859	511	407
TX	3,205	1,289	379	268	38	63	2,784	1,047	1,264	718
UT	159	152	42	71	1,242	472	347	282	(X)	(X)
VT	59	95	(X)	(X)	(X)	(X)	87	124	(X)	(X)
VA	1,279	842	73	117	(X)	(X)	562	354	336	297
WA	338	240	334	250	11,186	1,445	624	423	142	142
WV	156	199	(X)	(X)	(X)	(X)	218	200	235	165
WI	360	273	(X)	(X)	(X)	(X)	44,107	3,632	702	344
WY	(X)	(X)	(X)	(X)	442	299	(X)	(X)	(X)	(X)

See notes at end of table.

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Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	IA		KS		KY		LA		ME	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	86	104	47	59	1,037	593	2,074	694	150	197
AK	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
AZ	139	164	73	112	93	117	504	405	80	94
AR	52	89	282	352	201	199	2,958	885	(X)	(X)
CA	256	229	543	458	303	233	485	273	283	317
CO	261	294	658	260	(X)	(X)	95	156	(X)	(X)
CT	(X)	(X)	14	25	(X)	(X)	57	93	168	185
DE	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
DC	(X)	(X)	(X)	(X)	17	36	(X)	(X)	(X)	(X)
FL	305	500	411	384	1,238	651	1,833	765	441	328
GA	177	209	65	88	148	142	1,136	628	44	74
HI	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
ID	330	361	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
IL	31,225	2,437	491	298	3,618	722	299	235	86	111
IN	569	369	(X)	(X)	53,148	3,564	736	464	(X)	(X)
IA	1,374,517	10,019	385	251	36	64	28	48	(X)	(X)
KS	836	492	1,217,871	12,173	(X)	(X)	132	217	(X)	(X)
KY	(X)	(X)	(X)	(X)	1,642,831	14,883	118	129	(X)	(X)
LA	(X)	(X)	269	256	116	110	1,858,357	17,211	(X)	(X)
ME	(X)	(X)	55	91	(X)	(X)	141	166	568,910	6,193
MD	(X)	(X)	293	340	418	455	83	135	78	93
MA	103	127	(X)	(X)	277	345	109	178	1,601	603
MI	363	255	172	143	380	230	164	143	7	12
MN	4,107	774	115	86	195	166	87	125	(X)	(X)
MS	102	167	28	53	318	286	20,246	2,718	(X)	(X)
MO	4,150	761	95,599	4,594	757	452	264	178	(X)	(X)
MT	(X)	(X)	70	128	30	52	(X)	(X)	(X)	(X)
NE	16,587	1,893	1,992	579	(X)	(X)	12	20	(X)	(X)
NV	(X)	(X)	(X)	(X)	89	80	86	143	(X)	(X)
NH	81	109	(X)	(X)	(X)	(X)	(X)	(X)	5,826	1,161
NJ	64	75	29	40	28	55	101	121	137	133
NM	(X)	(X)	144	236	(X)	(X)	868	1,083	(X)	(X)
NY	469	414	100	134	498	639	473	394	404	267
NC	281	278	70	100	187	216	492	599	317	435
ND	66	71	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
OH	507	333	304	228	40,445	3,166	86	114	(X)	(X)
OK	309	241	6,271	1,024	152	189	320	188	(X)	(X)
OR	132	227	(X)	(X)	(X)	(X)	30	56	(X)	(X)
PA	217	163	223	249	414	282	352	317	82	102
RI	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	276	248
SC	86	138	137	215	115	142	251	280	369	559
SD	3,426	712	70	148	(X)	(X)	(X)	(X)	(X)	(X)
TN	387	287	143	167	28,302	2,951	207	193	(X)	(X)
TX	367	226	1,222	726	458	410	18,977	3,114	82	136
UT	74	120	(X)	(X)	70	90	(X)	(X)	(X)	(X)
VT	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	53	54
VA	342	296	110	130	2,020	816	171	133	36	58
WA	78	114	171	207	33	59	129	131	(X)	(X)
WV	95	156	67	124	3,635	979	(X)	(X)	(X)	(X)
WI	5,853	835	535	457	(X)	(X)	88	83	42	54
WY	(X)	(X)	(X)	(X)	(X)	(X)	46	90	(X)	(X)

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	MD		MA		MI		MN		MS	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	(X)	(X)	35	57	420	421	120	148	11,755	1,893
AK	(X)	(X)	(X)	(X)	27	48	(X)	(X)	(X)	(X)
AZ	15	25	134	164	984	843	1,307	1,020	(X)	(X)
AR	(X)	(X)	105	173	135	174	(X)	(X)	2,549	763
CA	643	436	864	555	766	481	844	389	292	373
CO	268	264	263	205	1,191	937	374	344	(X)	(X)
CT	367	245	19,638	2,264	238	195	98	127	(X)	(X)
DE	19,373	2,701	397	366	(X)	(X)	90	147	68	81
DC	38,965	3,382	42	71	45	74	(X)	(X)	(X)	(X)
FL	2,798	1,201	2,271	835	2,711	980	1,378	868	1,470	1,284
GA	429	317	1,356	1,021	1,101	647	686	425	430	274
HI	(X)	(X)	(X)	(X)	76	123	(X)	(X)	263	421
ID	(X)	(X)	96	165	(X)	(X)	85	141	(X)	(X)
IL	305	324	375	225	1,911	658	565	385	225	177
IN	869	402	89	101	8,638	1,295	260	190	21	36
IA	24	32	98	124	23	27	3,846	691	30	42
KS	66	110	52	85	194	257	215	214	(X)	(X)
KY	71	83	182	286	441	238	39	66	117	139
LA	(X)	(X)	94	113	415	612	(X)	(X)	9,659	1,457
ME	60	92	6,289	1,412	18	29	65	78	(X)	(X)
MD	2,238,339	18,227	918	665	260	274	142	141	62	104
MA	505	345	2,935,088	12,720	307	211	314	227	98	163
MI	403	261	326	163	3,864,849	19,071	1,036	441	196	161
MN	159	154	362	259	237	150	2,473,748	13,891	85	131
MS	(X)	(X)	(X)	(X)	99	124	70	94	1,044,753	11,878
MO	304	373	(X)	(X)	293	188	354	265	155	128
MT	(X)	(X)	(X)	(X)	(X)	(X)	227	199	(X)	(X)
NE	114	131	(X)	(X)	150	154	269	256	(X)	(X)
NV	160	264	186	221	467	370	192	269	79	64
NH	61	67	85,567	4,196	(X)	(X)	172	210	(X)	(X)
NJ	2,208	797	1,650	597	338	275	166	154	(X)	(X)
NM	(X)	(X)	(X)	(X)	(X)	(X)	130	160	12	17
NY	1,206	517	6,992	1,624	715	382	133	124	100	105
NC	1,574	700	994	743	421	323	86	106	(X)	(X)
ND	(X)	(X)	(X)	(X)	(X)	(X)	11,897	2,072	11	20
OH	1,019	491	670	337	12,612	1,579	506	271	297	278
OK	(X)	(X)	69	113	24	40	16	27	446	405
OR	88	123	113	134	(X)	(X)	276	241	(X)	(X)
PA	58,675	3,474	1,085	466	948	453	451	247	182	165
RI	(X)	(X)	59,836	4,429	(X)	(X)	74	127	(X)	(X)
SC	387	265	190	161	131	152	(X)	(X)	59	80
SD	(X)	(X)	(X)	(X)	10	16	1,473	512	24	42
TN	420	453	311	194	581	375	245	232	15,707	2,519
TX	1,186	549	586	374	1,706	958	1,174	486	1,404	855
UT	181	181	383	390	253	286	198	198	1	3
VT	130	141	2,952	629	(X)	(X)	(X)	(X)	(X)	(X)
VA	68,236	4,840	677	561	91	111	(X)	(X)	(X)	(X)
WA	292	219	499	494	618	585	79	96	291	461
WV	21,874	2,606	27	45	27	44	70	118	(X)	(X)
WI	199	155	62	82	4,861	873	47,276	2,457	64	92
WY	(X)	(X)	46	93	(X)	(X)	(X)	(X)	(X)	(X)

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	MO		MT		NE		NV		NH	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	8	13	(X)	(X)	37	63	(X)	(X)	(X)	(X)
AK	(X)	(X)	7	13	(X)	(X)	48	79	(X)	(X)
AZ	846	619	112	135	857	491	10,585	2,793	(X)	(X)
AR	6,400	1,487	177	212	318	361	(X)	(X)	(X)	(X)
CA	777	393	131	132	1,207	622	11,593	1,885	40	65
CO	1,032	991	214	203	979	455	350	268	(X)	(X)
CT	64	106	(X)	(X)	(X)	(X)	79	94	332	209
DE	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
DC	(X)	(X)	(X)	(X)	48	79	(X)	(X)	(X)	(X)
FL	510	310	398	408	479	300	434	324	2,605	802
GA	95	106	(X)	(X)	(X)	(X)	643	567	52	86
HI	(X)	(X)	(X)	(X)	359	427	(X)	(X)	134	156
ID	268	352	1,243	855	45	76	780	402	(X)	(X)
IL	80,630	4,795	26	35	761	537	411	323	(X)	(X)
IN	921	503	(X)	(X)	104	120	(X)	(X)	(X)	(X)
IA	1,358	583	45	45	30,934	2,135	(X)	(X)	(X)	(X)
KS	87,257	4,744	(X)	(X)	1,545	510	36	60	(X)	(X)
KY	863	382	(X)	(X)	(X)	(X)	165	192	(X)	(X)
LA	39	72	414	412	21	35	115	140	(X)	(X)
ME	166	191	(X)	(X)	27	46	(X)	(X)	17,180	2,169
MD	422	277	(X)	(X)	(X)	(X)	55	91	(X)	(X)
MA	80	137	(X)	(X)	(X)	(X)	69	116	29,832	2,416
MI	402	244	(X)	(X)	290	198	105	111	(X)	(X)
MN	1,073	483	80	74	330	244	300	290	17	29
MS	83	101	75	126	149	159	(X)	(X)	83	97
MO	2,435,356	16,333	94	111	1,369	762	94	115	82	94
MT	(X)	(X)	436,812	7,203	42	57	145	174	(X)	(X)
NE	719	317	268	410	859,986	8,491	71	121	(X)	(X)
NV	47	81	69	107	345	384	1,133,633	12,640	(X)	(X)
NH	31	57	(X)	(X)	78	126	(X)	(X)	524,219	7,627
NJ	445	365	49	80	45	75	563	558	99	166
NM	(X)	(X)	188	211	30	30	97	100	(X)	(X)
NY	193	176	(X)	(X)	299	192	208	179	49	69
NC	188	169	122	148	25	32	177	204	55	89
ND	(X)	(X)	222	116	(X)	(X)	(X)	(X)	(X)	(X)
OH	349	219	(X)	(X)	519	426	198	192	(X)	(X)
OK	3,026	655	80	96	668	452	12	22	(X)	(X)
OR	132	137	38	39	181	179	420	305	50	83
PA	729	356	237	208	43	84	57	68	201	230
RI	(X)	(X)	(X)	(X)	95	155	(X)	(X)	35	69
SC	(X)	(X)	(X)	(X)	125	147	43	72	48	83
SD	23	36	31	44	1,653	639	(X)	(X)	(X)	(X)
TN	483	343	53	90	330	293	83	138	(X)	(X)
TX	2,504	918	313	345	897	714	127	136	(X)	(X)
UT	50	81	230	262	113	131	2,619	909	(X)	(X)
VT	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	14,586	1,428
VA	263	247	(X)	(X)	84	147	133	123	(X)	(X)
WA	449	311	305	252	24	42	440	274	(X)	(X)
WV	(X)	(X)	18	32	26	48	72	119	70	118
WI	432	486	97	125	215	157	161	163	(X)	(X)
WY	(X)	(X)	881	489	667	348	44	72	(X)	(X)

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	NJ		NM		NY		NC		ND	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	351	269	(X)	(X)	239	251	925	659	(X)	(X)
AK	(X)	(X)	(X)	(X)	11	18	(X)	(X)	(X)	(X)
AZ	279	267	4,202	1,211	870	699	211	286	426	597
AR	155	180	(X)	(X)	506	401	(X)	(X)	(X)	(X)
CA	1,137	708	939	572	5,580	1,534	660	390	349	227
CO	780	338	2,946	735	405	275	399	384	1,800	946
CT	3,125	766	(X)	(X)	66,652	4,027	35	62	46	75
DE	6,037	1,325	(X)	(X)	1,765	813	(X)	(X)	(X)	(X)
DC	61	101	(X)	(X)	621	387	123	163	(X)	(X)
FL	82	137	6,140	1,347	3,101	1,098	138	146	2,061	886
GA	488	376	65	77	2,470	909	5,800	1,672	7	13
HI	(X)	(X)	57	69	(X)	(X)	(X)	(X)	59	98
ID	(X)	(X)	(X)	(X)	51	82	16	29	1,301	738
IL	544	387	12	21	1,739	756	881	624	137	143
IN	499	432	(X)	(X)	452	286	701	788	(X)	(X)
IA	(X)	(X)	(X)	(X)	160	192	321	203	(X)	(X)
KS	(X)	(X)	77	87	156	254	(X)	(X)	26	37
KY	181	234	34	61	289	247	383	300	(X)	(X)
LA	36	61	6	10	244	186	154	168	34	59
ME	125	123	(X)	(X)	912	356	78	134	19	31
MD	2,239	819	(X)	(X)	3,516	1,076	584	351	(X)	(X)
MA	2,163	845	(X)	(X)	6,308	1,145	492	410	(X)	(X)
MI	423	293	46	76	992	389	538	281	274	285
MN	216	169	85	134	589	347	52	65	29,449	1,738
MS	(X)	(X)	(X)	(X)	160	245	265	215	569	499
MO	518	456	34	59	438	419	45	75	258	154
MT	(X)	(X)	63	97	29	49	118	182	2,492	663
NE	(X)	(X)	7	13	246	396	80	111	169	229
NV	(X)	(X)	42	70	455	365	145	237	(X)	(X)
NH	129	127	(X)	(X)	1,132	409	43	67	214	217
NJ	3,356,150	19,334	(X)	(X)	396,520	11,490	408	225	(X)	(X)
NM	16	31	794,826	9,917	86	144	(X)	(X)	(X)	(X)
NY	128,891	6,429	(X)	(X)	8,198,604	34,339	793	395	(X)	(X)
NC	2,167	907	113	186	2,662	1,251	3,886,337	27,538	(X)	(X)
ND	(X)	(X)	(X)	(X)	(X)	(X)	200	197	334,142	4,692
OH	1,223	655	85	144	875	533	973	491	(X)	(X)
OK	485	459	187	131	332	284	31	54	584	405
OR	(X)	(X)	87	140	305	371	(X)	(X)	451	575
PA	121,698	5,768	63	74	41,057	3,027	1,895	881	(X)	(X)
RI	(X)	(X)	(X)	(X)	1,070	568	(X)	(X)	(X)	(X)
SC	272	344	123	201	944	581	59,539	4,147	127	129
SD	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1,315	418
TN	276	181	45	71	424	368	4,419	1,029	115	181
TX	1,891	914	11,530	2,058	2,801	1,191	1,163	687	703	475
UT	89	148	461	265	(X)	(X)	60	96	464	249
VT	161	180	2,336	564	(X)	(X)	48	62	(X)	(X)
VA	1,653	771	(X)	(X)	2,046	660	17,838	2,297	61	90
WA	445	357	304	200	810	368	343	269	177	164
WV	355	276	(X)	(X)	95	118	602	448	(X)	(X)
WI	297	253	66	94	410	196	178	126	612	427
WY	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1,174	623

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	OH		OK		OR		PA		RI	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	426	354	68	98	93	117	219	208	(X)	(X)
AK	(X)	(X)	(X)	(X)	(X)	(X)	68	82	(X)	(X)
AZ	179	175	414	371	375	299	427	364	(X)	(X)
AR	289	317	4,637	1,291	65	111	204	226	(X)	(X)
CA	565	357	539	306	2,100	680	1,600	759	212	343
CO	968	768	512	351	20	34	507	489	(X)	(X)
CT	234	222	127	213	(X)	(X)	495	431	8,505	1,734
DE	77	128	86	142	(X)	(X)	34,457	3,162	(X)	(X)
DC	115	112	(X)	(X)	18	29	187	149	153	263
FL	614	618	(X)	(X)	3,424	980	632	456	1,880	757
GA	1,389	822	(X)	(X)	285	429	1,944	975	(X)	(X)
HI	(X)	(X)	177	170	(X)	(X)	(X)	(X)	(X)	(X)
ID	(X)	(X)	(X)	(X)	5,148	1,202	57	56	(X)	(X)
IL	1,586	462	76	79	69	115	925	466	35	48
IN	23,793	1,917	285	256	78	96	1,048	518	(X)	(X)
IA	267	233	(X)	(X)	91	91	117	138	19	42
KS	173	179	4,863	973	67	105	190	152	(X)	(X)
KY	59,470	4,258	51	68	(X)	(X)	186	167	(X)	(X)
LA	122	182	1,158	678	83	133	421	282	(X)	(X)
ME	18	22	(X)	(X)	(X)	(X)	166	207	188	234
MD	460	302	(X)	(X)	107	132	15,649	2,210	51	85
MA	281	186	146	181	(X)	(X)	1,971	821	47,436	4,013
MI	25,938	2,198	199	194	55	69	1,180	425	23	46
MN	372	241	104	74	86	108	224	137	(X)	(X)
MS	(X)	(X)	146	182	(X)	(X)	375	278	(X)	(X)
MO	902	490	2,871	1,041	359	559	1,411	684	(X)	(X)
MT	99	161	(X)	(X)	22	37	(X)	(X)	(X)	(X)
NE	49	81	151	145	(X)	(X)	(X)	(X)	(X)	(X)
NV	86	151	136	223	87	147	315	496	(X)	(X)
NH	187	164	(X)	(X)	87	143	277	267	418	336
NJ	702	436	171	203	135	222	123,650	5,307	444	237
NM	(X)	(X)	104	165	118	122	60	104	(X)	(X)
NY	1,013	430	188	158	124	156	16,927	1,895	1,054	650
NC	302	302	158	200	78	122	1,914	845	(X)	(X)
ND	(X)	(X)	(X)	(X)	55	70	53	98	(X)	(X)
OH	4,787,729	24,115	77	89	28	47	21,746	2,175	188	213
OK	179	208	1,562,410	11,906	84	142	612	271	(X)	(X)
OR	(X)	(X)	91	152	1,529,385	13,689	134	197	(X)	(X)
PA	10,663	1,600	442	283	45	58	5,207,827	23,184	149	198
RI	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	407,371	7,185
SC	707	364	216	351	(X)	(X)	724	459	(X)	(X)
SD	(X)	(X)	(X)	(X)	(X)	(X)	69	95	(X)	(X)
TN	1,064	626	495	297	56	90	376	265	(X)	(X)
TX	2,158	1,045	13,030	1,974	473	446	2,019	837	(X)	(X)
UT	217	228	213	231	53	89	81	108	(X)	(X)
VT	52	72	(X)	(X)	(X)	(X)	19	33	16	28
VA	725	384	167	156	(X)	(X)	1,903	706	63	106
WA	238	218	41	67	73,498	4,666	191	147	83	139
WV	14,355	1,618	(X)	(X)	(X)	(X)	9,836	1,567	(X)	(X)
WI	514	236	226	198	(X)	(X)	298	226	27	46
WY	(X)	(X)	308	437	(X)	(X)	(X)	(X)	(X)	(X)

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state									
	SC		SD		TN		TX		UT	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	539	442	(X)	(X)	7,894	1,491	1,735	735	(X)	(X)
AK	(X)	(X)	172	283	54	90	76	109	(X)	(X)
AZ	40	93	65	107	149	180	2,356	1,090	2,905	1,169
AR	56	73	7	17	9,519	1,216	11,612	2,210	(X)	(X)
CA	385	275	203	289	366	239	5,710	1,294	1,093	589
CO	31	52	306	239	74	86	2,404	820	2,044	934
CT	167	169	(X)	(X)	159	168	296	209	(X)	(X)
DE	147	241	(X)	(X)	(X)	(X)	135	159	16	25
DC	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
FL	136	166	1,218	706	6,367	1,504	303	278	61	99
GA	21,502	2,940	154	258	36,693	3,464	3,581	1,185	200	208
HI	(X)	(X)	66	109	225	240	47	81	(X)	(X)
ID	(X)	(X)	(X)	(X)	177	285	153	157	3,194	765
IL	80	136	208	334	762	531	1,991	752	12	21
IN	61	87	34	66	854	401	666	378	(X)	(X)
IA	70	114	4,813	975	73	58	454	323	(X)	(X)
KS	(X)	(X)	72	106	100	147	1,397	525	(X)	(X)
KY	377	241	86	141	13,289	1,678	699	383	(X)	(X)
LA	73	123	31	51	515	334	15,944	2,140	68	114
ME	422	359	84	88	62	100	34	44	50	87
MD	315	462	(X)	(X)	55	91	1,061	740	52	91
MA	356	515	(X)	(X)	157	190	287	188	67	114
MI	293	210	(X)	(X)	1,187	585	1,384	608	256	201
MN	46	64	4,044	625	67	66	652	307	271	259
MS	420	362	(X)	(X)	52,335	4,297	4,108	1,212	68	113
MO	180	188	161	177	942	562	2,579	1,063	153	244
MT	(X)	(X)	258	332	22	38	130	116	263	217
NE	34	60	3,077	725	223	247	311	179	51	59
NV	192	316	41	69	119	143	623	531	1,555	686
NH	(X)	(X)	(X)	(X)	(X)	(X)	75	98	(X)	(X)
NJ	160	193	(X)	(X)	245	237	942	486	236	239
NM	88	110	(X)	(X)	(X)	(X)	16,442	2,481	138	225
NY	350	235	(X)	(X)	440	443	1,042	566	79	131
NC	36,612	4,346	(X)	(X)	2,807	791	1,756	768	(X)	(X)
ND	(X)	(X)	908	397	(X)	(X)	95	158	328	545
OH	357	324	(X)	(X)	695	333	2,135	677	17	28
OK	38	65	132	220	411	245	12,239	1,587	103	149
OR	109	144	43	70	34	55	283	227	128	175
PA	378	240	16	26	698	365	1,401	589	515	716
RI	32	73	(X)	(X)	39	66	182	155	(X)	(X)
SC	1,787,470	20,191	51	85	730	380	1,401	748	(X)	(X)
SD	(X)	(X)	376,461	5,909	(X)	(X)	376	321	24	42
TN	250	187	(X)	(X)	2,546,111	19,244	1,414	542	(X)	(X)
TX	293	203	284	402	3,790	1,437	10,734,782	47,264	284	217
UT	(X)	(X)	143	190	267	197	687	412	1,172,773	10,988
VT	8	14	(X)	(X)	(X)	(X)	35	61	100	136
VA	540	330	(X)	(X)	9,705	1,521	624	476	70	94
WA	(X)	(X)	(X)	(X)	288	232	615	414	628	392
WV	(X)	(X)	126	221	821	444	195	184	25	44
WI	417	432	145	165	119	156	437	324	6	11
WY	35	65	252	276	(X)	(X)	283	264	613	416

See notes at end of table.

Appendix Table A.

Residence State-to-Workplace State Commuting Flows: 2011—Con.(For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/)

Residence state	Workplace state											
	VT		VA		WA		WV		WI		WY	
	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)	Estimate	Margin of error ¹ (±)
AL	(X)	(X)	980	516	528	408	59	96	9	19	(X)	(X)
AK	(X)	(X)	(X)	(X)	652	551	(X)	(X)	(X)	(X)	(X)	(X)
AZ	(X)	(X)	303	332	828	546	(X)	(X)	472	386	57	76
AR	(X)	(X)	128	238	18	29	(X)	(X)	649	538	17	30
CA	(X)	(X)	1,331	609	3,096	770	358	366	320	222	83	103
CO	35	51	120	175	627	442	325	324	4,388	1,174	(X)	(X)
CT	308	339	464	248	(X)	(X)	(X)	(X)	32	52	(X)	(X)
DE	(X)	(X)	1,030	593	52	85	(X)	(X)	(X)	(X)	64	106
DC	(X)	(X)	31,656	3,122	259	282	28	47	(X)	(X)	75	122
FL	3,118	1,008	674	428	77	128	958	515	36	58	144	172
GA	(X)	(X)	1,951	731	296	299	(X)	(X)	368	393	64	105
HI	135	167	282	246	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
ID	(X)	(X)	(X)	(X)	19,858	2,830	(X)	(X)	66	125	3,069	778
IL	51	66	1,425	753	81	94	(X)	(X)	21,929	2,928	150	191
IN	21	35	324	244	98	121	163	163	687	462	25	30
IA	(X)	(X)	50	46	13	22	23	39	3,492	642	(X)	(X)
KS	(X)	(X)	189	188	147	127	(X)	(X)	832	621	108	179
KY	(X)	(X)	1,874	683	450	319	5,216	1,035	106	128	57	93
LA	(X)	(X)	186	222	73	122	(X)	(X)	88	143	96	162
ME	386	350	162	143	45	43	26	44	23	31	(X)	(X)
MD	(X)	(X)	113,150	5,702	299	265	5,631	1,035	91	110	73	122
MA	3,184	999	924	537	314	226	57	94	34	60	(X)	(X)
MI	124	138	315	240	396	328	131	99	8,575	1,095	92	112
MN	(X)	(X)	145	149	222	210	(X)	(X)	21,114	2,029	28	28
MS	(X)	(X)	519	300	(X)	(X)	115	197	121	132	(X)	(X)
MO	135	196	457	252	699	629	298	254	745	374	94	114
MT	(X)	(X)	(X)	(X)	206	193	(X)	(X)	36	42	780	311
NE	(X)	(X)	(X)	(X)	65	66	111	137	913	439	(X)	(X)
NV	(X)	(X)	247	244	240	323	(X)	(X)	36	59	(X)	(X)
NH	9,781	1,332	397	262	(X)	(X)	95	161	(X)	(X)	(X)	(X)
NJ	90	109	956	485	67	82	(X)	(X)	202	196	(X)	(X)
NM	(X)	(X)	240	238	(X)	(X)	(X)	(X)	65	113	(X)	(X)
NY	5,767	946	1,505	525	275	254	212	199	332	222	59	98
NC	51	89	28,143	3,248	266	288	700	510	180	181	44	81
ND	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	94	145	(X)	(X)
OH	186	249	1,093	411	126	125	37,714	2,864	1,071	518	116	137
OK	(X)	(X)	34	60	42	71	409	400	84	120	(X)	(X)
OR	(X)	(X)	21	34	24,944	2,817	(X)	(X)	128	156	453	311
PA	139	150	3,672	959	184	166	9,166	1,433	518	311	158	167
RI	267	189	93	116	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
SC	(X)	(X)	1,101	504	295	327	164	302	36	61	(X)	(X)
SD	(X)	(X)	45	94	1,407	527	(X)	(X)	(X)	(X)	(X)	(X)
TN	83	140	13,639	2,051	11	23	418	366	138	145	74	124
TX	243	271	1,685	858	806	525	355	374	640	494	416	362
UT	87	141	43	72	120	111	(X)	(X)	33	52	1,495	547
VT	276,286	4,925	20	27	(X)	(X)	(X)	(X)	30	52	(X)	(X)
VA	(X)	(X)	3,352,836	22,036	733	632	7,746	1,798	50	79	(X)	(X)
WA	(X)	(X)	565	472	2,820,694	17,169	76	126	134	142	(X)	(X)
WV	(X)	(X)	30,560	3,281	(X)	(X)	621,893	9,361	92	152	(X)	(X)
WI	(X)	(X)	291	211	316	212	(X)	(X)	2,540,084	13,317	(X)	(X)
WY	(X)	(X)	(X)	(X)	278	375	78	117	(X)	(X)	266,639	5,098

(X) Not applicable (no flow between states).

¹ Data are based on a sample and are subject to sampling variability. A margin of error is a measure of an estimate's variability. The larger the margin of error in relation to the size of the estimates, the less reliable the estimate. When added to and subtracted from the estimate, the margin of error forms the 90 percent confidence interval.

Source: U.S. Census Bureau, American Community Survey, 2011.