



Ministry of National Economy  
of the Republic of Kazakhstan  
Committee on Statistics

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# Fixed assets of Kazakhstan

2012-2016



**The Ministry of National economy of the Republic of Kazakhstan  
Committee on Statistics**

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**2012-2016**

**Statistical collection**

**Astana 2017**

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Committee on Statistics  
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Conventional symbols:

– – it is absent

0,0 – a small quantity

x – data are confidential

... – data are absent

The small discrepancies between total and the sum of summand in some cases can be explained by rounding of data.

## Introduction

The statistical yearbook «Fixed assets of Kazakhstan» presents indicators characterizing the availability of the fixed assets of the Republic of Kazakhstan, their structure, the dynamics state of assets, renewal and liquidation, the availability and structure of intangible assets.

Indicators across industries for 2012-2016 are presented according to the new version of «SC RK 04-2008 General Classification of Economic Activities (GCEA).»

Statistical Yearbook is designed for a wide range of users: top management personnel, employees of the management, financial and economic departments of enterprises and organizations, scientific, business and banking communities, faculty members of teaching staff and students of economic universities and other interested parties.

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## 1. Fixed assets

### 1.1 Availability of fixed assets at the original value

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	1 997 754	2 730 985	2 717 160	2 879 651	3 401 831	4 004 036	4 882 552
Akmolinskaya	187 813	131 531	117 391	112 292	114 945	104 485	138 702
Aktubinskaya	101 374	121 318	170 619	178 787	190 572	213 095	284 508
Almatinskaya	70 679	126 294	118 866	124 585	136 893	127 792	167 500
Atyrauskaya	177 363	218 999	263 434	304 237	499 024	773 314	902 384
Zapadno-Kazakhstanskaya	58 972	81 328	81 166	88 129	88 267	90 324	105 020
Zhambylskaya	83 834	152 197	109 629	111 457	110 105	88 496	128 482
Karagandinskaya	279 787	376 471	362 946	369 637	389 768	428 879	496 915
Kostanaiskaya	176 482	177 094	182 752	183 895	193 600	180 563	222 423
Kyzylordinskaya	42 639	78 082	88 563	99 591	108 236	100 176	143 140
Mangistauskaya	97 593	111 133	121 975	137 556	260 419	352 871	405 120
Yuzhno-Kazakhstanskaya	93 593	146 675	141 176	136 123	141 175	158 964	176 854
Pavlodarskaya	196 327	283 873	257 768	259 757	257 900	237 155	302 397
Severo-Kazakhstanskaya	98 615	127 108	106 304	90 845	86 277	102 902	115 291
Vostochno-Kazakhstanskaya	181 344	233 785	252 671	245 688	245 835	266 419	314 035
Astana city	-	122 871	80 253	139 271	251 323	351 301	437 477
Almaty city	151 339	242 226	261 647	297 801	327 492	427 300	542 304

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	5 707 379	6 628 313	7 573 663	11 477 671	13 943 019	17 630 061	22 359 227
Akmolinskaya	157 114	179 357	194 997	276 608	362 095	472 813	738 183
Aktubinskaya	375 829	466 022	582 484	849 110	988 942	1 144 149	1 346 730
Almatinskaya	199 561	260 292	302 819	464 669	540 524	792 114	955 902
Atyrauskaya	998 870	1 074 624	1 134 340	1 816 060	2 455 494	3 108 051	3 699 536
Zapadno-Kazakhstanskaya	111 517	129 495	573 616	1 018 851	1 093 010	1 316 698	1 836 729
Zhambylskaya	135 291	149 936	167 572	232 312	274 415	339 106	384 145
Karagandinskaya	539 534	647 202	727 663	990 285	1 077 234	1 341 298	1 543 919
Kostanaiskaya	239 212	272 237	240 625	348 217	443 192	570 670	715 556
Kyzylordinskaya	179 061	220 499	261 501	366 936	432 699	584 073	741 412
Mangistauskaya	464 521	492 445	436 186	656 071	900 428	1 066 976	1 361 787
Yuzhno-Kazakhstanskaya	195 964	222 297	255 635	406 518	515 368	645 331	862 615
Pavlodarskaya	330 381	353 262	385 815	630 608	797 002	1 220 326	1 225 451
Severo-Kazakhstanskaya	124 017	137 534	155 689	225 637	293 122	385 713	473 556
Vostochno-Kazakhstanskaya	389 086	422 764	439 368	630 045	722 984	931 432	1 044 332
Astana city	568 446	674 296	703 361	993 274	1 111 210	1 516 999	2 241 768
Almaty city	698 975	926 051	1 011 992	1 572 470	1 935 300	2 194 312	3 187 606

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	26 396 858	29 399 975	34 018 024	39 673 580	50 714 352	66 594 199	77 147 531
Akmolinskaya	834 269	899 290	1 021 811	920 481	1 051 686	1 192 872	1 442 168
Aktubinskaya	1 800 713	2 058 141	2 353 292	2 718 886	3 188 029	3 644 890	4 010 405
Almatinskaya	1 119 326	1 204 304	1 511 426	1 789 355	1 978 780	2 902 343	2 845 968
Atyrauskaya	4 000 862	4 222 539	4 743 719	6 605 843	10 266 082	14 003 197	20 044 981
Zapadno-Kazakhstanskaya	1 854 748	2 105 049	2 227 600	1 954 161	2 379 447	3 980 547	4 860 004
Zhambylskaya	498 319	600 033	686 101	849 318	1 023 553	1 176 177	1 231 486
Karagandinskaya	1 644 442	1 896 112	2 079 741	2 354 692	2 707 468	3 230 867	3 708 548
Kostanaiskaya	931 813	1 033 699	1 148 892	1 308 337	1 508 414	1 698 915	1 948 313
Kyzylordinskaya	992 788	1 063 848	1 277 812	1 533 848	2 281 873	2 831 848	3 042 824
Mangistauskaya	2 111 530	2 336 639	2 365 574	2 887 689	3 294 280	3 856 917	4 178 621
Yuzhno-Kazakhstanskaya	1 126 805	1 361 412	1 669 616	1 764 331	2 032 587	2 440 530	2 895 718
Pavlodarskaya	1 418 940	1 616 706	1 757 098	2 011 321	2 478 516	2 761 881	3 200 355
Severo-Kazakhstanskaya	535 270	577 290	631 823	672 086	771 086	888 345	1 046 584
Vostochno-Kazakhstanskaya	1 346 651	1 554 283	1 778 865	2 016 052	2 296 687	2 570 025	2 709 674
Astana city	2 089 306	2 500 182	3 393 779	4 628 555	6 552 634	10 943 431	9 877 908
Almaty city	4 091 076	4 370 448	5 370 875	5 658 625	6 903 230	8 471 414	10 103 974

## 1.2 Availability of fixed assets at the carrying value (deduction of depreciation)

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	1 214 108	1 761 426	1 846 728	1 925 842	2 392 138	2 677 564	3 413 271
Akmolinskaya	103 288	78 682	72 132	68 552	69 304	61 973	90 862
Aktubinskaya	57 736	78 239	101 489	107 110	117 197	137 864	189 291
Almatinskaya	41 672	86 418	90 258	91 355	95 327	88 614	123 873
Atyrauskaya	141 854	177 410	207 242	228 249	394 659	568 543	717 566
Zapadno-Kazakhstanskaya	39 666	58 039	59 800	64 622	63 775	59 711	68 358
Zhambylskaya	45 259	91 073	72 981	73 344	69 513	53 921	86 352
Karagandinskaya	162 128	235 831	231 459	223 395	235 498	261 517	284 618
Kostanaiskaya	91 970	111 609	138 342	132 009	132 023	116 784	129 259
Kyzylordinskaya	25 562	49 738	60 876	69 211	68 681	70 108	93 330
Mangistauskaya	55 602	65 251	71 234	84 151	212 355	240 059	317 821
Yuzhno-Kazakhstanskaya	51 475	98 116	100 105	96 013	98 149	94 977	122 841
Pavlodarskaya	124 305	166 579	146 539	147 000	147 299	142 837	171 008
Severo-Kazakhstanskaya	73 595	82 175	76 573	65 347	58 984	57 450	59 958
Vostochno-Kazakhstanskaya	94 684	139 689	153 058	151 896	163 461	178 783	179 999
Astana city	-	76 935	64 798	99 138	201 896	253 393	380 655
Almaty city	105 312	165 642	199 842	224 450	264 017	291 030	397 702

Жалғасы

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	3 870 034	4 295 701	4 766 318	6 818 396	8 677 326	11 104 460	13 890 132
Akmolinskaya	101 103	112 548	122 073	172 304	240 691	330 592	555 341
Aktubinskaya	267 726	319 854	395 714	515 071	608 634	716 933	851 515
Almatinskaya	129 166	151 033	200 288	256 812	357 041	554 413	689 106
Atyrauskaya	662 273	597 403	441 148	768 787	1 252 597	1 643 794	2 111 354
Zapadno-Kazakhstanskaya	68 171	74 911	464 315	664 221	682 715	853 359	1 016 699
Zhambylskaya	88 448	90 547	95 854	128 576	150 194	203 748	235 186
Karagandinskaya	315 743	377 535	438 706	561 818	648 108	640 931	897 410

Continuation

	2003	2004	2005	2006	2007	2008	2009
Kostanaiskaya	133 262	149 474	150 433	274 029	342 103	435 396	523 464
Kyzylordinskaya	126 541	151 195	169 892	189 227	236 394	352 701	464 357
Mangistauskaya	353 877	368 604	296 270	463 778	635 748	774 273	964 524
Yuzhno-Kazakhstanskaya	132 689	148 863	159 798	245 943	330 775	461 108	534 661
Pavlodarskaya	188 450	194 524	241 095	354 647	486 486	771 196	742 209
Severo-Kazakhstanskaya	62 365	68 704	83 567	121 429	177 024	251 558	292 035
Vostochno-Kazakhstanskaya	242 707	258 479	230 594	354 757	429 266	572 395	634 545
Astana city	484 394	557 048	529 625	620 175	671 486	949 494	1 066 821
Almaty city	513 119	674 979	746 946	1 126 822	1 428 064	1 592 570	2 310 905

Жалғасы

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	17 813 864	18 987 159	21 650 482	24 227 973	28 576 730	42 621 033	50 732 329
Akmolinskaya	604 150	626 068	698 595	605 129	721 725	790 402	994 782
Aktubinskaya	1 228 289	1 368 575	1 493 424	1 671 846	1 909 443	2 130 694	2 342 806
Almatinskaya	837 211	934 051	1 183 929	1 392 756	1 523 971	2 193 675	2 247 156
Atyrauskaya	2 334 701	1 641 631	1 761 537	1 716 307	2 206 142	7 846 664	13 507 377
Zapadno-Kazakhstanskaya	1 227 242	1 358 890	1 370 851	1 376 484	1 660 469	2 335 020	2 871 593
Zhambylskaya	343 577	432 543	477 425	600 339	720 088	832 884	870 166
Karagandinskaya	1 005 845	1 157 061	1 256 532	1 430 235	1 624 343	1 867 043	2 233 615
Kostanaiskaya	634 665	688 317	743 869	813 453	908 258	1 001 070	1 198 206
Kyzylordinskaya	635 212	693 498	814 568	955 690	1 364 372	1 603 577	1 655 418
Mangistauskaya	1 354 198	1 450 679	1 471 963	1 691 894	1 597 741	1 838 668	1 979 126
Yuzhno-Kazakhstanskaya	774 890	982 523	1 248 447	1 322 847	1 446 118	1 748 649	2 063 034
Severo-Kazakhstanskaya	919 658	1 065 696	1 101 528	1 262 559	1 647 971	1 821 678	2 251 134
Vostochno-Kazakhstanskaya	345 584	373 867	402 123	437 664	509 456	589 562	703 304
Astana city	1 590 597	1 844 004	2 381 516	3 392 841	4 407 111	8 355 273	7 071 731
Almaty city	3 044 485	3 286 153	3 996 755	4 146 294	4 783 531	5 964 946	6 980 029

### 1.3 Entry and acquisition of new fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	117 028	99 364	178 819	229 859	470 985	528 673	614 485
Akmolinskaya	4 501	2 103	1 266	4 399	4 668	11 450	8 832
Aktubinskaya	9 884	2 773	8 321	12 820	21 250	36 351	72 416
Almatinskaya	1 332	1 371	4 693	6 728	16 624	12 314	23 858
Atyrauskaya	27 639	18 273	35 749	35 665	187 163	87 645	118 888
Zapadno-Kazakhstanskaya	2 068	2 221	2 720	8 358	3 904	8 380	9 938
Zhambylskaya	1 348	1 512	1 373	3 607	2 195	4 498	3 933
Karagandinskaya	17 334	14 344	19 661	16 689	21 058	37 680	36 522
Kostanaiskaya	4 210	5 531	6 672	5 812	12 075	12 472	12 884
Kyzylordinskaya	4 935	2 487	8 626	12 643	6 017	14 021	34 685
Mangistauskaya	5 467	8 044	12 400	16 813	34 436	45 183	50 719
Yuzhno-Kazakhstanskaya	2 838	2 251	4 571	6 476	9 643	22 054	14 738
Pavlodarskaya	6 585	7 153	6 374	13 462	15 131	21 608	17 022
Severo-Kazakhstanskaya	3 745	2 243	3 350	4 518	8 281	5 190	7 711
Vostochno-Kazakhstanskaya	8 957	6 523	8 227	16 338	25 011	24 480	33 934
Astana city	-	5 267	24 595	22 020	60 836	104 740	54 070
Almaty city	16 185	17 268	30 221	43 511	42 693	80 607	114 335

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	812 497	872 560	1 295 718	1 778 991	2 435 425	3 270 485	3 600 285
Akmolinskaya	11 324	18 165	22 492	27 198	54 884	99 654	281 493
Aktubinskaya	121 082	75 356	113 715	128 059	145 862	271 159	240 980
Almatinskaya	25 239	26 806	49 612	71 613	103 097	196 089	178 434
Atyrauskaya	100 677	95 829	155 189	449 841	637 092	602 382	361 109
Zapadno-Kazakhstanskaya	8 717	15 208	122 298	64 087	80 626	97 059	128 589
Zhambylskaya	9 870	9 658	16 391	16 045	20 396	53 402	56 493
Karagandinskaya	59 089	85 698	90 523	87 996	106 113	195 974	191 697
Kostanaiskaya	16 203	25 434	36 956	42 080	90 027	155 462	148 998
Kyzylordinskaya	37 780	42 822	51 800	50 499	72 342	121 165	153 324
Mangistauskaya	50 190	60 265	84 637	136 836	203 988	292 621	305 104
Yuzhno-Kazakhstanskaya	18 495	28 282	45 476	69 886	93 030	141 402	149 558
Pavlodarskaya	22 237	23 748	40 296	63 381	130 754	146 527	126 374
Severo-Kazakhstanskaya	8 445	14 437	24 755	27 417	49 762	77 457	69 836
Vostochno-Kazakhstanskaya	29 471	34 443	53 035	61 740	81 765	141 307	120 395
Astana city	135 219	108 123	130 645	133 030	145 594	231 955	226 384
Almaty city	158 459	208 286	257 898	349 283	420 093	446 870	861 517

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	3 621 707	3 952 607	4 621 290	4 980 253	5 537 485	10 914 129	7 712 912
Akmolinskaya	122 711	103 700	132 635	110 939	122 812	151 487	164 698
Aktubinskaya	341 451	282 511	306 108	409 703	350 488	499 163	391 940
Almatinskaya	185 601	237 379	251 005	307 979	271 877	397 073	428 848
Atyrauskaya	252 430	208 314	408 951	270 388	603 513	3 709 231	1 241 427
Zapadno-Kazakhstanskaya	180 353	341 375	168 395	186 346	357 217	1 616 837	827 724
Zhambylskaya	66 682	120 826	94 391	135 466	159 788	150 991	172 302
Karagandinskaya	161 325	159 918	275 568	271 966	350 901	252 562	398 302
Kostanaiskaya	159 474	189 761	191 990	172 417	208 056	183 034	165 335
Kyzylordinskaya	126 754	125 061	188 323	152 530	196 439	278 385	272 474
Mangistauskaya	312 604	302 127	340 072	495 496	509 173	453 341	394 528
Yuzhno-Kazakhstanskaya	207 516	266 301	369 628	278 120	343 740	395 707	329 044
Pavlodarskaya	139 977	204 257	169 339	217 048	133 968	212 935	466 681
Severo-Kazakhstanskaya	72 306	91 963	98 406	89 355	93 025	111 777	119 549
Vostochno-Kazakhstanskaya	135 927	259 607	213 347	252 749	276 960	293 337	276 926
Astana city	319 966	505 633	699 043	813 628	785 521	998 784	1 058 103
Almaty city	836 630	553 874	714 089	816 123	774 007	1 209 485	1 005 031

## 1.4 Liquidation and disposal of fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	46 982	66 323	54 741	62 378	61 595	60 675	46 177
Akmolinskaya	12 003	6 702	4 165	4 276	2 254	7 904	1 664
Aktubinskaya	2 092	2 104	2 515	3 790	2 944	1 746	3 380
Almatinskaya	2 904	3 918	3 652	2 246	2 840	3 535	2 036
Atyrauskaya	791	2 052	2 055	5 117	10 285	4 778	7 509
Zapadno-Kazakhstanskaya	1 686	1 772	1 954	1 165	1 562	2 538	932
Zhambylskaya	1 594	2 584	3 351	1 531	2 057	1 303	744
Karagandinskaya	5 286	10 281	6 270	9 805	3 669	3 809	3 269

Continuation

	1996	1997	1998	1999	2000	2001	2002
Kostanaiskaya	4 953	8 341	6 293	5 998	5 638	3 259	2 307
Kyzylordinskaya	865	1 117	1 896	1 871	1 424	960	1 065
Mangistauskaya	538	1 260	2 203	1 951	2 249	3 125	1 851
Yuzhno-Kazakhstanskaya	1 133	2 930	2 120	3 110	3 435	3 224	1 552
Pavlodarskaya	3 330	3 859	4 894	5 547	2 911	3 070	3 716
Severo-Kazakhstanskaya	2 938	4 630	2 691	2 396	1 799	835	929
Vostochno-Kazakhstanskaya	4 065	5 035	5 170	3 177	4 331	4 523	4 046
Astana city	-	5 705	1 056	3 430	6 263	2 150	2 391
Almaty city	2 804	4 033	4 456	6 968	7 934	13 916	8 786

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	43 987	62 032	104 392	147 122	243 649	240 121	290 737
Akmolinskaya	855	936	4 830	1 668	1 685	6 440	13 896
Aktubinskaya	1 303	3 181	3 642	4 072	11 666	8 241	16 103
Almatinskaya	1 633	2 612	5 795	5 282	35 112	28 163	12 227
Atyrauskaya	8 469	5 591	15 503	10 955	10 249	21 964	13 814
Zapadno-Kazakhstanskaya	1 218	1 571	3 521	1 908	3 778	7 444	3 109
Zhambylskaya	1 072	4 198	1 591	1 536	1 529	12 577	4 054
Karagandinskaya	4 342	8 155	21 225	11 280	70 888	17 079	18 020
Kostanaiskaya	2 031	1 924	2 152	5 241	5 539	4 472	8 194
Kyzylordinskaya	1 141	1 029	929	1 350	2 286	6 333	4 683
Mangistauskaya	1 976	2 210	4 965	30 865	21 485	11 555	69 753
Yuzhno-Kazakhstanskaya	1 775	1 872	1 997	5 581	9 377	11 799	14 998
Pavlodarskaya	2 991	2 734	6 796	4 328	5 764	6 431	5 491
Severo-Kazakhstanskaya	1 209	1 268	1 709	1 756	3 179	6 951	2 590
Vostochno-Kazakhstanskaya	3 412	4 116	7 370	11 155	12 593	9 363	13 857
Astana city	3 933	7 459	2 753	8 556	10 978	26 423	33 314
Almaty city	6 627	13 176	19 614	41 589	37 541	54 886	56 634

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	398 753	310 995	384 972	400 150	604 430	1 181 921	830 085
Akmolinskaya	5 606	9 250	10 066	5 903	15 366	11 996	16 812
Aktubinskaya	16 180	17 759	23 316	42 492	26 929	25 384	31 353
Almatinskaya	16 824	13 692	22 373	13 482	59 739	43 975	50 654
Atyrauskaya	127 136	56 995	37 893	49 058	36 356	57 019	223 518
Zapadno-Kazakhstanskaya	7 019	5 603	24 618	5 918	7 868	529 195	7 596
Zhambylskaya	6 336	3 116	6 777	13 667	5 856	7 720	7 462
Karagandinskaya	43 058	15 019	15 704	19 940	30 188	24 984	52 848
Kostanaiskaya	9 841	6 525	12 578	16 638	12 099	15 658	13 168
Kyzylordinskaya	6 532	5 645	9 750	17 623	39 393	19 013	12 541
Mangistauskaya	21 194	37 640	22 429	23 337	31 890	50 417	82 075
Yuzhno-Kazakhstanskaya	13 454	12 104	11 316	16 564	14 993	32 777	19 746
Pavlodarskaya	8 201	13 582	11 420	12 633	17 383	22 065	30 442
Severo-Kazakhstanskaya	8 261	3 186	4 085	5 782	7 008	4 958	5 171
Vostochno-Kazakhstanskaya	11 440	8 377	10 007	19 448	20 746	33 538	26 410
Astana city	29 253	29 221	56 387	51 075	155 834	89 535	98 522
Almaty city	68 418	73 281	106 253	86 590	122 782	213 687	151 767

## 1.5 Coefficient of renewal of fixed assets

in percent

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	5,9	4,1	7,4	8,0	13,8	13,2	12,6
Akmolinskaya	2,4	1,4	2,0	3,9	4,1	11,0	6,4
Aktubinskaya	9,7	2,5	5,2	7,2	11,2	17,1	25,5
Almatinskaya	1,9	1,5	4,9	5,4	12,1	9,6	14,2
Atyrauskaya	15,6	8,6	14,1	11,7	37,5	11,3	13,2
Zapadno-Kazakhstanskaya	3,5	3,3	3,8	9,5	4,4	9,3	9,5
Zhambylskaya	1,6	1,2	1,4	3,2	2,0	5,1	3,1
Karagandinskaya	6,2	4,3	6,2	4,5	5,4	8,8	7,3
Kostanaiskaya	2,4	3,7	4,4	3,2	6,2	6,9	5,8
Kyzylordinskaya	11,6	3,9	12,0	12,7	5,6	14,0	24,2
Mangistauskaya	5,6	7,8	11,0	12,2	13,2	12,8	12,5
Yuzhno-Kazakhstanskaya	3,0	2,2	4,7	4,8	6,8	13,9	8,3
Pavlodarskaya	3,4	2,7	2,6	5,2	5,9	9,1	5,6
Severo-Kazakhstanskaya	3,7	2,4	2,9	5,0	9,6	5,0	6,7
Vostochno-Kazakhstanskaya	4,9	3,3	3,6	6,6	10,2	9,2	10,8
Astana city	-	4,2	25,7	15,8	24,9	29,8	12,4
Almaty city	10,7	7,5	12,8	14,6	13,0	18,9	21,1

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	14,2	13,2	17,1	15,5	17,5	18,6	16,1
Akmolinskaya	7,2	10,1	11,5	9,8	15,2	21,1	38,1
Aktubinskaya	32,2	16,2	19,5	15,1	14,7	23,7	17,9
Almatinskaya	12,6	10,3	16,4	15,4	19,1	24,8	18,7
Atyrauskaya	10,1	8,9	13,7	24,8	25,9	19,4	9,8
Zapadno-Kazakhstanskaya	7,8	11,7	21,3	6,3	7,4	7,4	7,0
Zhambylskaya	7,3	6,4	9,8	6,9	7,4	15,7	14,7
Karagandinskaya	11,0	13,2	12,4	8,9	9,9	14,6	12,4
Kostanaiskaya	6,8	9,3	15,4	12,1	20,3	27,2	20,8
Kyzylordinskaya	21,1	19,4	19,8	13,8	16,7	20,7	20,7
Mangistauskaya	10,8	12,2	19,4	20,9	22,7	27,4	22,4
Yuzhno-Kazakhstanskaya	9,4	12,7	17,8	17,2	18,1	21,9	17,3
Pavlodarskaya	6,7	6,7	10,4	10,1	16,4	12,0	10,3
Severo-Kazakhstanskaya	6,8	10,5	15,9	12,2	17,0	20,1	14,7
Vostochno-Kazakhstanskaya	7,6	8,1	12,1	9,8	11,3	15,2	11,5
Astana city	23,8	16,0	18,6	13,4	13,1	15,3	10,1
Almaty city	22,7	22,5	25,5	22,2	21,7	20,4	27,0

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	13,7	13,4	13,6	12,6	10,9	16,4	10,0
Akmolinskaya	14,7	11,5	13,0	12,1	11,7	12,7	11,4
Aktubinskaya	19,0	13,7	13,0	15,1	11,0	13,7	9,8
Almatinskaya	16,6	19,7	16,6	17,2	13,7	13,7	15,1
Atyrauskaya	6,3	4,9	8,6	4,1	5,9	26,5	6,2
Zapadno-Kazakhstanskaya	9,7	16,2	7,5	9,5	15,0	40,6	17,0
Zhambylskaya	13,4	20,1	13,7	15,9	15,6	12,8	14,0
Karagandinskaya	9,8	8,4	13,2	11,5	13,0	7,8	10,7

Continuation

	2010	2011	2012	2013	2014	2015	2016
Kostanaiskaya	17,1	18,4	16,7	13,2	13,8	10,8	8,5
Kyzylordinskaya	12,8	11,8	14,7	9,9	8,6	9,8	9,0
Mangistauskaya	14,8	12,9	14,4	17,2	15,5	11,8	9,4
Yuzhno-Kazakhstanskaya	18,4	19,6	22,1	15,8	16,9	16,2	11,4
Pavlodarskaya	9,9	12,6	9,6	10,8	5,4	7,7	14,6
Severo-Kazakhstanskaya	13,5	15,9	15,6	13,3	12,1	12,6	11,4
Vostochno-Kazakhstanskaya	10,1	16,7	12,0	12,5	12,1	11,4	10,2
Astana city	15,3	20,2	20,6	17,6	12,0	9,1	10,7
Almaty city	20,5	12,7	13,3	14,4	11,2	14,3	9,9

### 1.6 Coefficient of liquidation of fixed assets

in percent

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	2,5	3,1	2,6	2,3	2,0	1,7	1,1
Akmolinskaya	6,0	5,9	3,9	3,6	2,0	7,8	1,6
Aktubinskaya	1,9	2,3	1,7	2,2	1,6	1,0	1,6
Almatinskaya	4,0	6,1	5,3	1,9	2,3	2,9	1,6
Atyrauskaya	0,6	1,1	1,0	1,9	2,9	0,7	1,0
Zapadno-Kazakhstanskaya	3,0	2,9	3,2	1,4	1,8	3,3	1,0
Zhambylskaya	2,2	2,2	4,4	1,4	1,8	1,4	0,8
Karagandinskaya	2,0	3,3	2,0	2,7	1,0	1,0	0,8
Kostanaiskaya	2,8	5,1	4,3	3,3	3,1	2,1	1,3
Kyzylordinskaya	2,2	2,4	3,0	2,1	1,4	1,1	1,1
Mangistauskaya	0,6	1,4	2,0	1,6	1,1	1,0	0,5
Yuzhno-Kazakhstanskaya	1,2	3,2	2,4	2,2	2,5	2,3	1,0
Pavlodarskaya	2,1	1,5	2,2	2,2	1,2	1,4	1,6
Severo-Kazakhstanskaya	2,8	5,0	3,5	2,6	2,6	1,1	0,9
Vostochno-Kazakhstanskaya	2,2	2,9	2,7	1,3	1,8	1,8	1,5
Astana city	-	4,7	2,5	2,7	3,0	0,7	0,6
Almaty city	2,0	2,4	2,4	2,7	2,5	3,7	2,1

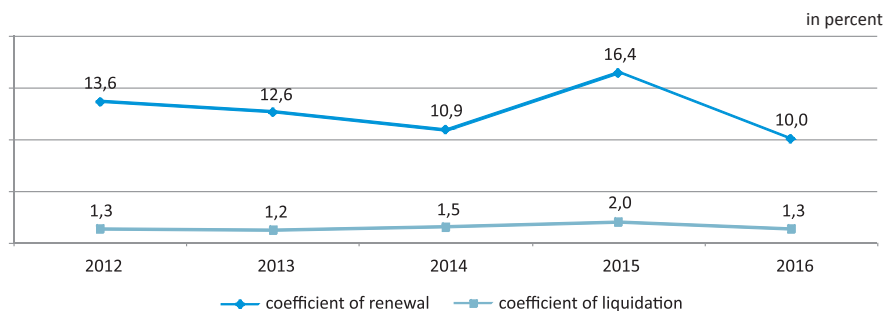
Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	0,9	1,1	1,7	1,6	2,1	1,7	1,6
Akmolinskaya	0,6	0,6	2,9	0,7	0,6	1,7	3,0
Aktubinskaya	0,5	0,8	0,9	0,6	1,4	0,9	1,4
Almatinskaya	1,0	1,3	2,4	1,5	7,7	4,5	1,5
Atyrauskaya	0,9	0,6	1,6	0,8	0,6	0,8	0,4
Zapadno-Kazakhstanskaya	1,2	1,4	0,8	0,2	0,4	0,7	0,2
Zhambylskaya	0,8	3,1	1,3	0,8	0,6	4,3	1,2
Karagandinskaya	0,9	1,5	3,4	1,3	7,1	1,6	1,3
Kostanaiskaya	0,9	0,8	1,2	1,8	1,6	1,0	1,4
Kyzylordinskaya	0,8	0,6	0,5	0,4	0,6	1,4	0,8
Mangistauskaya	0,5	0,5	1,6	5,9	3,3	1,4	5,8
Yuzhno-Kazakhstanskaya	1,0	1,0	1,1	1,8	2,3	2,2	2,3
Pavlodarskaya	1,0	0,8	2,1	0,9	0,9	0,7	0,5
Severo-Kazakhstanskaya	1,0	1,0	1,4	0,9	1,4	2,2	0,6
Vostochno-Kazakhstanskaya	1,1	1,1	2,0	2,1	2,0	1,3	1,5
Astana city	0,9	1,3	0,5	1,0	1,1	2,0	2,3
Almaty city	1,2	1,9	2,5	3,4	2,5	3,1	2,3

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	1,7	1,2	1,3	1,2	1,5	2,0	1,3
Akmolinskaya	0,7	1,2	1,1	0,6	1,8	1,1	1,4
Aktubinskaya	1,0	1,0	1,1	1,8	1,0	0,8	0,9
Almatinskaya	1,7	1,3	1,8	0,9	3,4	1,7	2,1
Atyrauskaya	3,4	1,4	0,9	1,1	0,5	0,4	1,8
Zapadno-Kazakhstanskaya	0,4	0,3	1,2	0,3	0,4	18,1	0,2
Zhambylskaya	1,4	0,7	1,1	2,0	0,7	0,7	0,7
Karagandinskaya	2,9	0,9	0,9	1,0	1,3	0,9	1,6
Kostanaiskaya	1,2	0,7	1,3	1,5	0,9	1,0	0,8
Kyzylordinskaya	0,8	0,6	0,9	1,4	2,5	0,8	0,5
Mangistauskaya	1,2	1,9	1,1	1,0	1,2	1,4	2,2
Yuzhno-Kazakhstanskaya	1,4	1,1	0,8	1,1	0,8	1,5	0,8
Pavlodarskaya	0,6	1,0	0,7	0,7	0,9	0,9	1,1
Severo-Kazakhstanskaya	1,7	0,6	0,7	0,9	1,0	0,6	0,6
Vostochno-Kazakhstanskaya	1,0	0,6	0,7	1,1	1,0	1,4	1,0
Astana city	1,6	1,4	2,0	1,5	3,1	1,0	1,1
Almaty city	2,0	1,9	2,3	1,8	2,1	2,9	1,7

### Dynamics of coefficients of the renewal and liquidation of fixed assets



### 1.7 Depreciation degree of fixed assets

in percent

	1996	1997	1998	1999	2000	2001	2002
<b>Republic of Kazakhstan</b>	39,7	35,5	32,0	33,1	29,7	33,1	30,1
Akmolinskaya	43,7	38,3	38,5	39,0	39,7	40,7	34,5
Aktubinskaya	43,0	35,5	40,5	40,1	38,5	35,3	33,5
Almatinskaya	41,0	31,6	24,1	26,7	30,4	30,7	26,0
Atyrauskaya	20,0	19,0	21,3	25,0	20,9	26,5	20,5
Zapadno-Kazakhstanskaya	32,7	28,6	26,3	26,7	27,7	33,9	34,9
Zhambylskaya	46,0	40,1	33,4	34,2	36,9	39,1	32,8
Karagandinskaya	42,1	37,4	36,2	39,6	39,6	39,0	42,7
Kostanaiskaya	42,0	37,0	24,3	28,2	31,8	35,3	41,9
Kyzylordinskaya	40,1	36,3	31,3	30,5	36,5	30,0	34,8
Mangistauskaya	43,0	41,3	41,6	38,8	18,5	32,0	21,5
Yuzhno-Kazakhstanskaya	45,0	33,1	29,1	29,5	30,5	40,3	30,5

Continuation

	1996	1997	1998	1999	2000	2001	2002
Pavlodarskaya	36,7	41,3	43,2	43,4	42,9	39,8	43,4
Severo-Kazakhstanskaya	48,5	37,6	30,7	28,1	31,6	44,2	48,0
Vostochno-Kazakhstanskaya	47,8	40,2	39,4	38,2	33,5	32,9	42,8
Astana city	-	37,4	19,3	28,8	19,7	27,9	13,0
Almaty city	30,4	31,6	23,6	24,6	19,4	31,9	26,7

Continuation

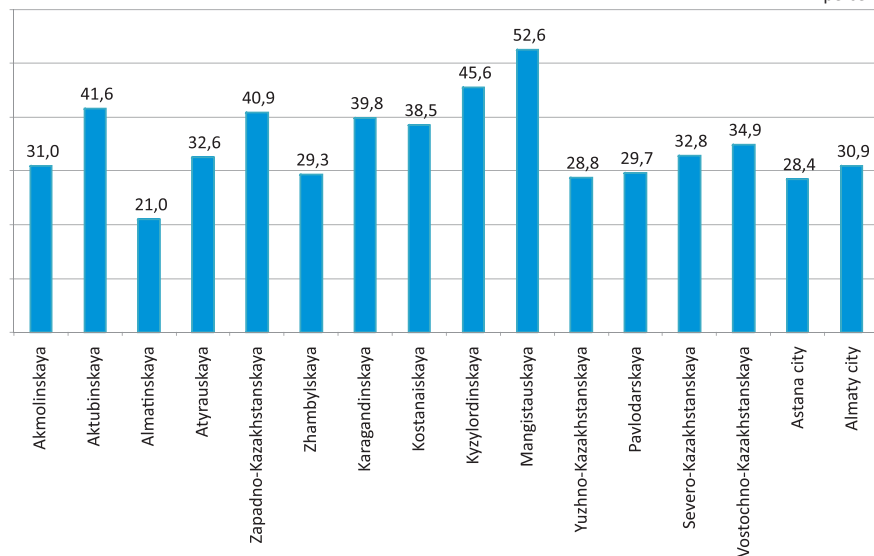
	2003	2004	2005	2006	2007	2008	2009
<b>Republic of Kazakhstan</b>	32,2	35,2	37,1	40,6	37,8	37,0	37,9
Akmolinskaya	35,6	37,2	37,4	37,7	33,5	30,1	24,8
Aktubinskaya	28,8	31,4	32,1	39,3	38,5	37,3	36,8
Almatinskaya	35,3	42,0	33,9	44,7	33,9	30,0	27,9
Atyrauskaya	33,7	44,4	61,1	57,7	49,0	47,1	42,9
Zapadno-Kazakhstanskaya	38,9	42,2	19,1	34,8	37,5	35,2	44,6
Zhambylskaya	34,6	39,6	42,8	44,7	45,3	39,9	38,8
Karagandinskaya	41,5	41,7	39,7	43,3	39,8	52,2	41,9
Kostanaiskaya	44,3	45,1	37,5	21,3	22,8	23,7	26,8
Kyzylordinskaya	29,3	31,4	35,0	48,4	45,4	39,6	37,4
Mangistauskaya	23,8	25,1	32,1	29,3	29,4	27,4	29,2
Yuzhno-Kazakhstanskaya	32,3	33,0	37,5	39,5	35,8	28,5	38,0
Pavlodarskaya	43,0	44,9	37,5	43,8	39,0	36,8	39,4
Severo-Kazakhstanskaya	49,7	50,0	46,3	46,2	39,6	34,8	38,3
Vostochno-Kazakhstanskaya	37,6	38,9	47,5	43,7	40,6	38,5	39,2
Astana city	14,8	17,4	24,7	37,6	39,6	37,4	52,4
Almaty city	26,6	27,1	26,2	28,3	26,2	27,4	27,5

Continuation

	2009	2010	2011	2012	2013	2014	2016
<b>Republic of Kazakhstan</b>	32,5	35,4	36,3	38,9	43,7	36,0	34,2
Akmolinskaya	27,6	30,4	31,6	34,3	31,4	33,7	31,0
Aktubinskaya	31,8	33,5	36,5	38,5	40,1	41,5	41,6
Almatinskaya	25,2	22,4	21,7	22,2	23,0	24,4	21,0
Atyrauskaya	41,6	61,1	62,9	74,0	78,5	44,0	32,6
Zapadno-Kazakhstanskaya	33,8	35,4	38,5	29,6	30,2	41,3	40,9
Zhambylskaya	31,1	27,9	30,4	29,3	29,6	29,2	29,3
Karagandinskaya	38,8	39,0	39,6	39,3	40,0	42,2	39,8
Kostanaiskaya	31,9	33,4	35,2	37,8	39,8	41,1	38,5
Kyzylordinskaya	36,0	34,8	36,2	37,7	40,2	43,4	45,6
Mangistauskaya	35,9	37,9	37,8	41,4	51,5	52,3	52,6
Yuzhno-Kazakhstanskaya	31,2	27,8	25,2	25,0	28,9	28,3	28,8
Pavlodarskaya	35,2	34,1	37,3	37,2	33,5	34,0	29,7
Severo-Kazakhstanskaya	35,4	35,2	36,3	34,9	33,9	33,6	32,8
Vostochno-Kazakhstanskaya	30,7	30,3	29,9	30,0	32,7	33,8	34,9
Astana city	23,9	26,2	29,8	26,7	32,7	23,7	28,4
Almaty city	25,6	24,8	25,6	26,7	30,7	29,6	30,9

## Depreciation degree of fixed assets

in percent



## 1.8 Structure of fixed assets by separate types of economic activity

By all types of economic activity

million tenge

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	34 018 024	39 673 580	50 714 352	66 594 199	77 147 531
Akmolinskaya	1 021 811	920 481	1 051 686	1 192 872	1 442 168
Aktubinskaya	2 353 292	2 718 886	3 188 029	3 644 890	4 010 405
Almatinskaya	1 511 426	1 789 355	1 978 780	2 902 343	2 845 968
Atyrauskaya	4 743 719	6 605 843	10 266 082	14 003 197	20 044 981
Zapadno-Kazakhstanskaya	2 227 600	1 954 161	2 379 447	3 980 547	4 860 004
Zhambylskaya	686 101	849 318	1 023 553	1 176 177	1 231 486
Karagandinskaya	2 079 741	2 354 692	2 707 468	3 230 867	3 708 548
Kostanaiskaya	1 148 892	1 308 337	1 508 414	1 698 915	1 948 313
Kyzylordinskaya	1 277 812	1 533 848	2 281 873	2 831 848	3 042 824
Mangistauskaya	2 365 574	2 887 689	3 294 280	3 856 917	4 178 621
Yuzhno-Kazakhstanskaya	1 669 616	1 764 331	2 032 587	2 440 530	2 895 718
Pavlodarskaya	1 757 098	2 011 321	2 478 516	2 761 881	3 200 355
Severo-Kazakhstanskaya	631 823	672 086	771 086	888 345	1 046 584
Vostochno-Kazakhstanskaya	1 778 865	2 016 052	2 296 687	2 570 025	2 709 673
Astana city	3 393 779	4 628 555	6 552 634	10 943 431	9 877 908
Almaty city	5 370 875	5 658 625	6 903 230	8 471 414	10 103 974

## Agriculture, forestry and fishing

in percent

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	4,7	4,6	3,8	3,9	4,1
Akmolinskaya	19,2	28,9	24,4	23,2	26,1
Aktubinskaya	1,0	0,8	0,8	0,8	3,6
Almatinskaya	7,0	7,2	6,7	5,7	14,8
Atyrauskaya	0,1	0,1	0,1	0,1	0,3
Zapadno-Kazakhstanskaya	0,5	0,7	0,6	0,4	3,0
Zhambylskaya	2,6	1,8	2,4	2,1	14,5
Karagandinskaya	1,5	1,5	1,8	1,6	6,0
Kostanaiskaya	14,1	13,6	13,0	12,7	14,3
Kyzylordinskaya	0,6	0,7	3,2	2,8	5,5
Mangistauskaya	0,1	0,1	0,1	0,1	0,8
Yuzhno-Kazakhstanskaya	3,6	3,1	3,9	3,3	13,0
Pavlodarskaya	1,4	1,4	1,1	1,3	4,6
Severo-Kazakhstanskaya	27,6	27,9	25,7	25,2	27,6
Vostochno-Kazakhstanskaya	2,0	2,2	2,5	2,6	10,8
Astana city	0,3	0,1	0,1	0,1	0,0
Almaty city	0,1	0,1	0,1	0,1	0,2

## Mining and quarrying

in percent

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	25,0	23,3	22,2	25,3	28,5
Akmolinskaya	5,9	6,9	6,9	6,8	4,6
Aktubinskaya	60,9	62,8	56,1	54,6	51,0
Almatinskaya	1,3	6,6	0,8	0,6	0,4
Atyrauskaya	58,2	43,9	34,6	47,8	47,7
Zapadno-Kazakhstanskaya	76,2	70,8	69,2	80,3	76,1
Zhambylskaya	3,4	3,9	3,8	2,2	4,2
Karagandinskaya	10,3	10,4	11,2	9,8	9,5
Kostanaiskaya	33,5	32,8	30,4	30,1	25,0
Kyzylordinskaya	57,1	57,3	42,0	37,4	35,8
Mangistauskaya	58,8	56,9	59,7	57,2	55,6
Yuzhno-Kazakhstanskaya	12,3	14,2	14,6	13,1	11,8
Pavlodarskaya	10,2	9,6	7,8	7,4	6,0
Severo-Kazakhstanskaya	1,4	0,9	0,6	0,5	0,4
Vostochno-Kazakhstanskaya	6,1	6,1	5,7	19,3	13,5
Astana city	0,1	0,7	8,2	5,7	11,9
Almaty city	0,8	1,0	0,7	1,2	1,9

## Manufacturing

in percent

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	10,3	9,3	8,2	7,4	8,0
Akmolinskaya	8,7	9,0	9,0	10,6	13,2
Aktubinskaya	6,5	6,0	5,3	8,9	11,1
Almatinskaya	21,5	17,4	19,7	15,5	12,4
Atyrauskaya	2,7	2,2	1,5	2,0	1,9
Zapadno-Kazakhstanskaya	2,7	3,3	2,8	2,0	2,3
Zhambylskaya	15,9	16,7	15,6	15,2	11,9

Continuation					
	2012	2013	2014	2015	2016
Karagandinskaya	37,5	37,2	33,6	38,6	34,8
Kostanaiskaya	7,7	6,9	9,8	10,0	9,8
Kyzylordinskaya	3,3	2,7	2,0	1,7	1,4
Mangistauskaya	4,4	3,6	4,1	4,9	7,4
Yuzhno-Kazakhstanskaya	17,6	15,8	15,2	15,9	12,5
Pavlodarskaya	31,4	30,4	26,2	27,4	35,3
Severo-Kazakhstanskaya	10,4	8,1	7,5	8,3	6,8
Vostochno-Kazakhstanskaya	39,5	38,6	37,3	23,2	19,5
Astana city	3,2	3,0	2,7	1,7	2,2
Almaty city	6,7	4,9	4,4	4,2	3,9

#### Electricity, gas, steam and air conditioning

in percent

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	5,4	6,3	6,6	5,5	5,2
Akmolinskaya	6,1	7,5	6,9	6,0	4,6
Aktubinskaya	3,6	3,8	4,4	4,0	4,9
Almatinskaya	7,0	5,4	5,3	4,0	3,5
Atyrauskaya	1,0	1,2	1,0	0,9	0,7
Zapadno-Kazakhstanskaya	1,6	2,5	2,1	1,4	1,5
Zhambylskaya	11,3	15,4	17,9	19,2	8,3
Karagandinskaya	10,3	11,3	13,7	12,5	12,7
Kostanaiskaya	4,4	9,1	11,1	10,4	9,8
Kyzylordinskaya	2,5	2,5	1,9	2,6	2,4
Mangistauskaya	7,7	6,8	6,9	5,9	3,2
Yuzhno-Kazakhstanskaya	3,6	4,0	4,1	3,9	6,9
Pavlodarskaya	32,0	35,8	41,6	39,3	31,5
Severo-Kazakhstanskaya	7,6	9,1	12,5	12,4	10,6
Vostochno-Kazakhstanskaya	9,7	10,5	10,0	9,4	8,9
Astana city	3,1	4,6	4,2	2,7	3,6
Almaty city	3,9	5,6	6,6	6,0	5,3

#### Construction

in percent

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	4,1	3,2	2,8	2,3	1,8
Akmolinskaya	2,1	1,3	2,1	1,8	1,3
Aktubinskaya	1,9	2,2	2,1	1,8	1,2
Almatinskaya	4,3	4,1	3,5	3,2	3,6
Atyrauskaya	2,7	1,6	1,4	1,3	1,0
Zapadno-Kazakhstanskaya	1,9	2,3	2,4	1,1	1,1
Zhambylskaya	8,5	3,0	2,6	2,3	1,9
Karagandinskaya	3,8	2,9	3,1	2,8	2,1
Kostanaiskaya	2,1	2,4	2,6	1,7	1,2
Kyzylordinskaya	4,3	4,0	3,4	2,0	1,8
Mangistauskaya	2,6	6,2	3,5	3,2	1,5
Yuzhno-Kazakhstanskaya	8,2	7,3	5,7	5,2	3,5
Pavlodarskaya	4,7	4,3	4,6	4,8	1,5
Severo-Kazakhstanskaya	1,0	1,1	1,9	1,3	0,9
Vostochno-Kazakhstanskaya	2,6	1,9	1,8	1,9	1,3

Continuation

	2012	2013	2014	2015	2016
Astana city	7,4	5,7	3,1	2,9	2,6
Almaty city	8,3	3,9	4,6	3,0	2,8

**Transportation and storage**

in percent

	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	14,5	14,2	12,6	11,8	11,3
Akmolinskaya	11,1	16,7	13,5	14,0	14,9
Aktubinskaya	9,8	8,0	10,5	9,4	7,0
Almatinskaya	13,0	14,3	17,5	11,0	9,9
Atyrauskaya	17,1	11,3	8,1	8,7	6,3
Zapadno-Kazakhstanskaya	4,5	5,3	8,4	5,0	3,7
Zhambylskaya	16,2	18,1	17,1	15,9	13,6
Karagandinskaya	14,2	13,7	13,7	12,2	10,3
Kostanaiskaya	10,5	9,4	7,1	9,3	11,2
Kyzylordinskaya	8,4	8,4	5,8	5,2	10,0
Mangistauskaya	9,6	8,4	10,8	9,3	10,7
Yuzhno-Kazakhstanskaya	9,1	9,6	9,5	11,3	8,6
Pavlodarskaya	4,7	4,3	3,5	3,8	3,9
Severo-Kazakhstanskaya	18,9	17,6	18,4	16,0	17,3
Vostochno-Kazakhstanskaya	10,6	11,3	10,8	10,1	6,5
Astana city	24,0	20,8	13,9	9,2	10,2
Almaty city	32,2	37,8	33,8	37,1	31,9

## 2. Fixed assets by ownership types

### 2.1 Fixed assets by ownership types

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Total</b>	1 997 754	2 730 985	2 717 160	2 879 651	3 401 831	4 004 036	4 882 552
including:							
state ownership	788 441	674 111	657 258	727 186	642 307	754 526	655 654
private ownership	1 140 772	1 767 445	1 801 163	1 866 373	2 485 478	2 870 861	3 741 574
ownership of other countries, their legal entities and citizens	68 541	289 429	258 739	286 092	274 046	378 649	485 324

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	5 707 379	6 628 313	7 573 663	11 477 671	13 943 019	17 630 061	22 359 227
including:							
state ownership	788 393	870 558	1 022 834	1 323 861	1 365 808	1 838 264	2 427 471
private ownership	4 350 822	5 058 040	5 217 740	7 865 531	10 226 990	12 809 435	16 096 264
ownership of other countries, their legal entities and citizens	568 164	699 715	1 333 089	2 288 279	2 350 221	2 982 362	3 835 492

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	26 396 858	29 399 975	34 018 024	39 673 580	50 714 352	66 594 199	77 147 531
including:							
state ownership	3 143 970	4 017 963	4 969 966	5 992 300	8 044 763	15 326 921	11 847 887
private ownership	19 067 353	20 965 314	24 056 279	26 866 416	31 862 767	38 523 532	43 832 578
ownership of other countries, their legal entities and citizens	4 185 535	4 416 698	4 991 779	6 814 864	10 806 822	12 743 746	21 467 066

### 2.2 Entry and acquisition of new fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Total</b>	117 028	99 364	178 819	229 859	470 985	528 673	614 485
including:							
state ownership	32 622	18 485	33 346	44 865	69 494	129 352	95 597
private ownership	82 000	74 684	127 243	168 206	387 426	339 408	457 247
ownership of other countries, their legal entities and citizens	2 406	6 195	18 230	16 788	14 065	59 913	61 641

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	812 497	872 560	1 295 718	1 778 991	2 435 425	3 270 485	3 600 285
including:							
state ownership	115 171	106 629	152 101	169 120	240 167	385 318	477 450
private ownership	613 355	645 406	883 274	1 217 876	1 781 448	2 531 616	2 659 573
ownership of other countries, their legal entities and citizens	83 971	120 525	260 343	391 995	413 810	353 552	463 262

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	3 621 707	3 952 607	4 621 290	4 980 253	5 537 485	10 914 129	7 712 912
including :							
state ownership	530 191	696 175	959 717	993 062	1 326 940	2 360 203	1 382 334
private ownership	2 629 740	2 675 828	3 109 434	3 235 197	3 388 587	4 200 661	4 607 859
ownership of other countries, their legal entities and citizens	461 776	580 604	552 139	751 994	821 958	4 353 265	1 722 719

### 2.3 Liquidation and disposal of fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Total</b>	46 982	66 323	54 741	62 378	61 595	60 675	46 177
including:							
state ownership	10 592	19 530	16 009	21 931	14 268	16 624	10 906
private ownership	35 726	43 090	34 868	37 898	45 411	41 119	31 439
ownership of other countries, their legal entities and citizens	664	3 703	3 864	2 549	1 916	2 932	3 832

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	43 987	62 032	104 392	147 122	243 649	240 121	290 737
including:							
state ownership	8 554	8 937	14 693	16 940	23 716	38 043	43 871
private ownership	31 084	45 623	78 323	110 202	204 386	166 331	215 950
ownership of other countries, their legal entities and citizens	4 349	7 472	11 376	19 980	15 547	35 747	30 916

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	398 753	310 995	384 972	400 150	604 430	1 181 921	830 085
including:							
state ownership	47 815	53 490	61 831	89 652	171 383	174 008	169 463
private ownership	282 852	203 822	233 852	222 509	321 348	371 359	502 249
ownership of other countries, their legal entities and citizens	68 086	53 683	89 289	87 989	111 699	636 554	158 373

## 2.4 Coefficient of renewal of fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Total</b>	5,9	4,1	7,4	8,0	13,8	13,2	12,6
including:							
state ownership	4,1	2,7	5,1	6,6	10,8	17,1	14,6
private ownership	4,0	5,3	7,1	9,8	15,6	11,8	12,2
ownership of other countries, their legal entities and citizens	3,5	2,1	7,0	5,9	5,1	15,8	12,7

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	14,2	13,2	17,1	15,5	17,5	18,6	16,1
including:							
state ownership	14,6	12,2	14,9	12,8	17,6	21,0	19,7
private ownership	14	12,8	16,9	15,5	17,4	19,8	16,5
ownership of other countries, their legal entities and citizens	14,8	17,2	19,5	17,1	17,6	11,9	12,1

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	13,7	13,4	13,6	12,6	10,9	16,4	10,0
including:							
state ownership	16,9	17,3	19,3	16,6	16,5	15,4	11,7
private ownership	13,8	12,8	12,9	12,0	10,6	10,9	10,5
ownership of other countries, their legal entities and citizens	11,0	13,1	11,1	11,0	7,6	34,2	8,0

## 2.5 Coefficient of liquidation of fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Total</b>	2,5	3,1	2,6	2,3	2,0	1,7	1,1
including:							
state ownership	1,4	3,2	2,6	2,5	2,3	2,6	2,1
private ownership	5,8	3,3	2,0	2,5	2,1	1,6	1,0
ownership of other countries, their legal entities and citizens	1,0	1,7	1,5	0,9	0,7	1,0	1,0

Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	0,9	1,1	1,7	1,6	2,1	1,7	1,6
including:							
state ownership	1,4	1,2	1,7	1,5	2,2	2,6	2,3
private ownership	0,8	1,0	1,9	1,7	2,5	2,0	1,6
ownership of other countries, their legal entities and citizens	0,9	1,3	1,1	1,1	0,8	1,5	1,0

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	1,7	1,2	1,3	1,2	1,5	2,0	1,3
including:							
state ownership	1,8	1,6	1,5	1,9	2,8	1,2	1,6
private ownership	1,7	1,1	1,1	0,9	1,2	1,1	1,3
ownership of other countries, their legal entities and citizens	1,8	1,4	2,0	2,0	1,5	5,0	1,2

## 2.6 Depreciation degree of fixed assets

million tenge

	1996	1997	1998	1999	2000	2001	2002
<b>Total</b>	39,7	35,5	32,0	33,1	29,7	33,1	30,1
including:							
state ownership	40,0	41,6	38,1	36,9	37,4	38,1	35,5
private ownership	39,1	41,2	38,9	34,6	29,3	29,8	25,9
ownership of other countries, their legal entities and citizens	40,0	50,5	46,7	34,7	36,2	36,7	36,5

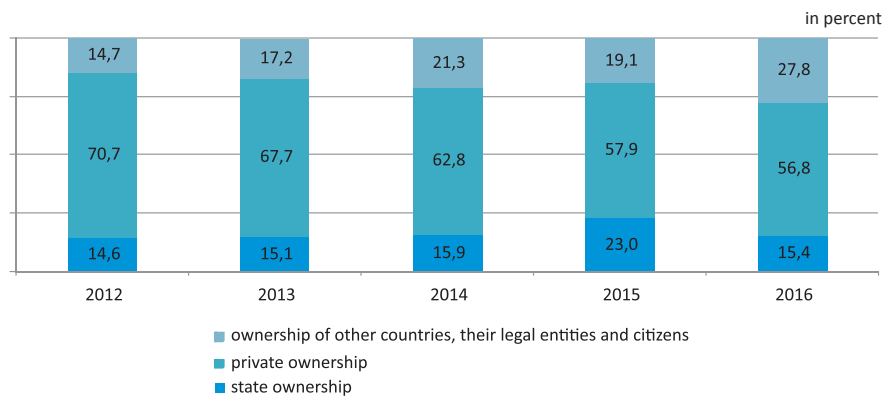
Continuation

	2003	2004	2005	2006	2007	2008	2009
<b>Total</b>	32,7	33,5	37,1	40,6	37,8	37,0	37,9
including:							
state ownership	33,1	33,2	38,0	39,1	35,7	31,2	31,9
private ownership	32,1	33,4	39,3	40,2	38,1	36,7	37,5
ownership of other countries, their legal entities and citizens	36,2	34,3	27,6	42,8	37,7	42,1	43,3

Continuation

	2010	2011	2012	2013	2014	2015	2016
<b>Total</b>	32,5	35,4	36,3	38,9	43,7	36,0	34,2
including:							
state ownership	33,5	33,2	35,2	32,1	34,7	23,0	33,0
private ownership	30,0	33,8	34,6	35,7	37,6	42,9	38,4
ownership of other countries, their legal entities and citizens	43,1	45,0	46,2	57,5	68,0	30,6	26,3

### Changes in the structure of fixed assets by ownership types



### 3. Fixed assets by dimension of enterprises

#### 3.1 Structure of fixed assets

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	100,0	100,0	100,0	100,0	100,0
including:					
small enterprises with number of 1 to 50 people	29,3	25,0	32,9	43,0	41,8
medium-sized enterprises with number of 51 to 250 people	19,3	18,6	9,8	9,9	13,9
large enterprises with number over 251 people	51,4	56,4	57,3	47,1	44,3

#### 3.2 Entry and acquisition of fixed assets

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	100,0	100,0	100,0	100,0	100,0
including:					
small enterprises with number of 1 to 50 people	37,0	33,3	45,9	59,4	47,4
medium-sized enterprises with number of 51 to 250 people	26,4	21,8	13,6	10,5	14,2
large enterprises with number over 251 people	36,6	44,9	40,5	30,1	38,4

#### 3.3 Liquidation and disposal of fixed assets

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	100,0	100,0	100,0	100,0	100,0
including:					
small enterprises with number of 1 to 50 people	23,9	18,1	36,2	61,1	22,7
medium-sized enterprises with number of 51 to 250 people	32,5	28,1	16,0	6,5	32,3
large enterprises with number over 251 people	43,6	53,8	47,8	32,4	45,0

#### 3.4 Coefficient of renewal of fixed assets

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	13,6	12,6	10,9	16,4	10,0
including:					
small enterprises with number of 1 to 50 people	17,2	16,7	15,2	22,6	11,3
medium-sized enterprises with number of 51 to 250 people	18,6	14,8	15,1	17,3	10,2
large enterprises with number over 251 people	9,7	10,0	7,7	10,5	8,7

### 3.5 Coefficient of liquidation of fixed assets

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	1,3	1,2	1,5	2,0	1,3
including:					
small enterprises with number of 1 to 50 people	1,0	0,8	1,6	3,3	0,8
medium-sized enterprises with number of 51 to 250 people	2,3	1,8	2,2	1,3	3,8
large enterprises with number over 251 people	1,1	1,2	1,3	1,2	1,2

### 3.6 Depreciation degree of fixed assets

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	36,3	38,9	43,7	36,0	34,2
including:					
small enterprises with number of 1 to 50 people	22,9	19,6	25,8	22,2	21,8
medium-sized enterprises with number of 51 to 250 people	32,8	33,7	36,4	34,5	25,4
large enterprises with number over 251 people	45,4	49,2	55,2	48,9	48,7

## 4. Fixed assets by economic activity

### 4.1 Availability of fixed assets at the original value

	million tenge				
	2012	2013	2014	2015	2016
All fixed assets	34 018 024	39 673 580	50 714 352	66 594 199	77 147 531
including by economic activity:					
agriculture, forestry and fishing	1 613 267	1 809 529	1 910 045	2 604 072	3 150 039
crop and animal production, hunting and related services in these spheres	1 605 068	1 798 110	1 896 908	2 585 368	3 128 139
forestry and logging	3 454	2 081	3 813	5 633	5 574
fishing and aquaculture	4 745	9 338	9 325	13 071	16 326
mining and quarrying	8 495 477	9 260 040	11 263 876	16 818 133	21 953 888
mining of coal and lignite	224 765	242 665	246 753	255 550	266 669
crude oil and natural gas	6 902 090	7 311 622	9 229 815	14 311 853	19 262 797
mining of metal ores	935 519	1 065 207	1 193 258	1 603 562	1 781 657
manufacturing	3 516 566	3 705 853	4 160 051	4 913 321	6 154 487
food production	336 417	321 293	361 876	411 231	454 906
beverage production	248 531	175 310	206 053	263 855	258 231
manufacture of textiles	43 557	34 493	38 277	40 306	41 472
manufacture of leather and related products	9 583	5 893	5 920	7 990	4 830
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	9 050	9 857	9 580	9 138	12 790
paper and paper products	20 848	21 743	31 411	39 880	33 335
printing and reproduction of recorded media	41 239	37 867	50 578	50 459	26 126
production of coke and refined petroleum products	216 982	260 079	332 896	454 063	616 513
manufacture of chemical products	187 663	196 016	223 374	224 009	371 113
manufacture of rubber and plastic products	62 838	64 067	74 979	85 426	93 693
metallurgy industry	1 614 580	1 773 111	1 841 227	2 157 620	2 762 440
manufacture of finished metal products, except machinery and equipment	67 320	64 024	75 402	103 104	205 030
machinery and equipment manufacturing, not classified in other categories	64 129	73 310	86 313	83 038	122 108
motor vehicles, trailers and semi-trailers	8 584	12 902	29 480	28 898	45 951
other transport equipment	39 440	49 925	66 897	75 903	146 014
furniture production	11 547	7 986	11 442	11 114	11 547
other manufacturing	14 094	14 206	23 015	23 335	19 770
electricity, gas, steam and air conditioning	1 853 124	2 493 149	3 359 468	3 646 547	3 993 260
water supply; sewerage, waste management and remediation activities	385 476	454 845	580 288	725 787	843 247

	Continuation				
	2012	2013	2014	2015	2016
collection, processing and distribution of water	299 846	373 019	485 648	627 929	722 266
construction	1 401 245	1 276 387	1 399 106	1 503 574	1 406 593
wholesale and retail trade; repair of motor vehicles and motorcycles	1 059 298	963 697	1 012 188	6 254 077	8 654 680
transportation and storage	4 932 776	5 649 921	6 411 873	7 880 874	8 701 158
accommodation and food services	194 971	179 328	218 941	306 828	349 019
information and communication	975 147	1 125 283	1 791 994	1 916 384	2 018 954
financial and insurance activities	488 492	538 156	581 120	712 005	970 169
real estate activities	3 044 244	3 322 128	3 713 664	4 241 035	4 893 153
professional, scientific and technical activities	995 893	2 878 794	7 250 361	5 181 189	2 585 099
administrative and support service activities	563 955	317 885	403 519	551 312	891 234
public administration and defense; compulsory social security	2 328 197	2 844 468	3 597 868	5 144 271	6 255 193
education	1 024 549	1 453 791	1 499 335	1 819 758	2 100 874
health care and social services	808 041	910 327	1 130 023	1 734 981	1 499 564
arts, entertainment and recreation	239 204	355 135	369 719	455 895	504 526
other service activities	98 102	134 864	60 914	184 156	222 393

#### 4.2 Availability of fixed assets at the carrying value (deduction of depreciation)

	million tenge				
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	21 650 482	24 227 973	28 576 730	42 621 033	50 732 329
including by economic activity:					
agriculture, forestry and fishing	1 355 140	1 490 321	1 523 621	2 154 377	2 629 155
crop and animal production, hunting and related services in these spheres	1 350 508	1 481 938	1 514 790	2 141 763	2 613 799
forestry and logging	1 565	1 284	1 719	2 937	2 807
fishing and aquaculture	3 067	7 099	7 111	9 677	12 549
mining and quarrying	3 815 791	4 102 185	4 514 162	6 105 911	9 740 960
mining of coal and lignite	81 678	82 434	85 706	85 038	88 354
crude oil and natural gas	2 939 010	3 014 567	3 445 876	4 789 615	8 360 739
mining of metal ores	573 624	638 288	685 708	922 045	989 740
manufacturing	2 205 462	2 262 902	2 472 397	2 894 404	3 795 364
food production	216 858	197 747	221 765	244 477	262 932
beverage production	169 853	107 961	119 487	155 179	140 167
manufacture of textiles	32 863	25 171	26 600	29 223	29 358
manufacture of leather and related products	5 566	3 623	3 043	3 935	2 686
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	5 718	6 721	6 919	6 948	7 233
paper and paper products	14 237	14 418	19 686	24 031	23 804
printing and reproduction of recorded media	25 294	24 683	31 318	31 775	13 247
production of coke and refined petroleum products	145 584	159 662	204 610	298 772	424 874
manufacture of chemical products	144 440	150 386	168 031	177 668	283 124

Continuation					
	2012	2013	2014	2015	2016
manufacture of rubber and plastic products	39 336	41 588	44 925	51 348	56 062
metallurgy industry	946 988	1 023 926	985 491	1 127 239	1 647 942
manufacture of finished metal products, except machinery and equipment	47 728	42 861	51 202	62 281	63 104
machinery and equipment manufacturing, not classified in other categories	42 227	48 516	52 457	56 962	89 426
motor vehicles, trailers and semi-trailers	5 929	9 018	24 378	22 288	34 747
other transport equipment	31 785	43 476	54 913	59 222	96 087
furniture production	7 382	4 035	7 182	6 297	7 473
other manufacturing	11 149	10 852	16 411	16 545	12 248
electricity, gas, steam and air conditioning	1 218 514	1 557 516	2 331 437	2 508 382	2 790 083
water supply; sewerage, waste management and remediation activities	266 244	342 649	430 497	558 637	612 307
collection, processing and distribution of water	213 207	291 946	369 501	495 307	532 475
construction	888 497	733 975	786 270	807 692	767 694
wholesale and retail trade; repair of motor vehicles and motorcycles	698 854	623 065	639 540	5 561 488	7 991 452
transportation and storage	3 628 541	4 108 753	4 854 694	5 950 096	6 645 585
accommodation and food services	130 495	126 817	153 728	226 715	247 533
information and communication	541 381	625 090	750 419	893 385	896 468
financial and insurance activities	324 716	376 568	417 989	462 626	724 409
real estate activities	2 797 808	3 088 509	3 402 569	3 881 263	4 474 251
professional, scientific and technical activities	458 974	643 691	1 689 710	3 913 528	1 765 549
administrative and support service activities	374 285	237 065	295 169	374 637	518 258
public administration and defense; compulsory social security	1 492 064	1 920 422	2 345 468	3 614 793	4 329 247
education	665 442	1 005 010	967 940	1 171 324	1 349 970
health care and social services	554 633	618 076	702 281	1 107 808	941 449
arts, entertainment and recreation	176 619	274 703	269 496	300 778	355 888
other service activities	57 022	90 656	29 343	133 189	156 707

### 4.3 Entry and acquisition of fixed assets

million tenge					
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	4 621 290	4 980 253	5 537 485	10 914 129	7 712 912
including by economic activity:					
agriculture, forestry and fishing	572 068	624 024	605 021	756 484	548 018
crop and animal production, hunting and related services in these spheres	571 335	622 237	600 608	751 846	544 241
forestry and logging	480	406	337	626	349
fishing and aquaculture	253	1 381	4 076	4 012	3 428
mining and quarrying	753 698	929 010	1 175 654	2 689 188	1 908 184

	2012	2013	2014	2015	2016
mining of coal and lignite	13 372	13 663	10 253	9 552	10 471
crude oil and natural gas	613 312	707 166	992 676	2 418 449	1 663 437
mining of metal ores	72 494	115 131	110 326	190 879	177 540
manufacturing	436 898	369 560	447 251	681 592	938 371
food production	33 897	36 550	34 838	45 798	40 173
beverage production	31 684	20 220	14 389	13 697	16 481
manufacture of textiles	3 549	2 610	2 228	3 809	6 223
manufacture of leather and related products	22	20	227	93	161
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	499	380	811	1 969	1 872
paper and paper products	582	717	3 175	6 728	2 803
printing and reproduction of recorded media	8 376	1 851	6 283	3 368	2 577
production of coke and refined petroleum products	8 752	10 901	45 453	165 420	135 774
manufacture of chemical products	45 700	15 650	20 058	50 896	50 958
manufacture of rubber and plastic products	9 131	13 793	20 499	13 564	13 323
metallurgy industry	198 903	195 744	145 671	230 878	486 451
manufacture of finished metal products, except machinery and equipment	12 733	6 084	9 203	5 591	7 803
machinery and equipment manufacturing, not classified in other categories	9 885	4 109	7 508	4 884	12 406
motor vehicles, trailers and semi-trailers	1 236	1 835	14 444	1 055	2 182
other transport equipment	11 388	7 287	3 060	4 569	27 652
furniture production	1 652	499	678	866	1 127
other manufacturing	2 014	823	1 020	1 042	981
electricity, gas, steam and air conditioning	179 020	263 858	219 300	210 648	315 111
water supply; sewerage, waste management and remediation activities	44 509	39 525	32 187	60 052	40 038
collection, processing and distribution of water	34 174	33 225	24 067	51 037	28 456
construction	188 568	154 805	186 119	161 987	195 253
wholesale and retail trade; repair of motor vehicles and motorcycles	156 719	235 620	175 821	2 681 482	253 643
transportation and storage	634 798	499 450	711 703	1 346 428	837 958
accommodation and food services	16 320	15 722	12 700	20 779	59 710
information and communication	172 008	152 961	229 446	234 721	270 776
financial and insurance activities	62 694	80 673	73 073	58 217	276 885
real estate activities	241 679	304 701	298 120	406 061	493 212
professional, scientific and technical activities	107 351	338 860	195 371	261 256	125 581
administrative and support service activities	161 184	39 058	31 184	30 618	74 008
public administration and defense; compulsory social security	554 178	562 594	786 672	939 660	934 676

Continuation

	2012	2013	2014	2015	2016
education	157 885	195 312	169 619	182 919	213 520
health care and social services	113 295	102 734	148 055	136 291	162 976
arts, entertainment and recreation	52 695	61 636	35 102	36 789	33 342
other service activities	15 723	10 150	5 089	18 957	31 648

#### 4.4 Liquidation and disposal of fixed assets

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	384 972	400 150	604 430	1 181 921	830 085
including by economic activity:					
agriculture, forestry and fishing	6 100	11 306	7 287	11 938	13 167
crop and animal production, hunting and related services in these spheres	5 952	11 267	7 212	11 867	10 768
forestry and logging	24	10	20	27	20
fishing and aquaculture	124	29	56	44	2 379
mining and quarrying	78 807	89 525	58 416	623 034	112 670
mining of coal and lignite	3 523	2 755	3 471	2 698	2 381
crude oil and natural gas	48 829	34 641	30 258	582 854	70 041
mining of metal ores	10 090	36 874	13 861	23 346	26 995
manufacturing	43 146	37 959	49 873	52 830	54 249
food production	7 595	3 601	4 967	4 696	4 327
beverage production	2 385	2 923	3 249	2 508	3 208
manufacture of textiles	55	19	8	107	174
manufacture of leather and related products	13	1 920	29	31	60
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	50	167	40	60	63
paper and paper products	76	42	136	570	402
printing and reproduction of recorded media	197	907	873	1 201	285
production of coke and refined petroleum products	3 167	2 044	6 853	3 014	1 378
manufacture of chemical products	950	516	1 916	2 609	1 315
manufacture of rubber and plastic products	696	1 326	2 316	2 661	2 856
metallurgy industry	14 142	16 468	19 657	13 687	17 469
manufacture of finished metal products, except machinery and equipment	958	492	543	636	656
machinery and equipment manufacturing, not classified in other categories	672	218	359	466	608
motor vehicles, trailers and semi-trailers	28	54	73	31	44
other transport equipment	1 129	58	23	45	54
furniture production	222	143	339	269	70
other manufacturing	10	14	103	116	270
electricity, gas, steam and air conditioning	8 281	11 987	52 919	27 464	24 742

	Continuation				
	2012	2013	2014	2015	2016
water supply; sewerage, waste management and remediation activities	1 574	1 919	2 116	2 264	4 863
collection, processing and distribution of water	1 174	978	1 481	1 494	2 530
construction	42 641	20 871	35 448	33 259	44 082
wholesale and retail trade; repair of motor vehicles and motorcycles	23 152	25 104	22 089	26 136	32 801
transportation and storage	30 804	40 508	87 212	45 165	232 446
accommodation and food services	2 065	1 008	1 661	1 825	4 836
information and communication	28 201	24 718	57 819	113 958	79 269
financial and insurance activities	35 799	16 405	20 165	14 980	19 898
real estate activities	4 906	15 993	18 186	21 717	17 840
professional, scientific and technical activities	13 395	12 461	14 177	28 756	22 481
administrative and support service activities	7 134	5 139	10 115	8 831	15 723
public administration and defense; compulsory social security	36 829	58 562	112 203	118 160	103 666
education	10 990	14 883	18 324	15 606	23 973
health care and social services	7 914	7 718	9 752	26 069	17 099
arts, entertainment and recreation	1 561	1 598	22 754	5 746	3 351
other service activities	1 673	2 486	3 914	4 183	2 931

#### 4.5 Amortization (depreciation) of fixed assets

	million tenge				
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	2 352 921	2 374 225	2 939 048	3 928 923	4 567 171
including by economic activity:					
agriculture, forestry and fishing	60 516	66 129	68 399	77 715	84 514
crop and animal production, hunting and related services in these spheres	59 505	65 524	67 814	76 952	83 033
forestry and logging	743	186	285	410	534
fishing and aquaculture	268	419	300	353	947
mining and quarrying	754 703	700 418	747 990	872 979	1 151 733
mining of coal and lignite	13 127	11 283	13 901	15 464	12 369
crude oil and natural gas	621 528	551 047	591 556	689 616	893 319
mining of metal ores	79 806	85 365	76 676	112 858	176 849
manufacturing	249 242	251 994	284 698	495 533	380 195
food production	23 370	22 921	26 146	31 270	33 287
beverage production	17 740	14 659	14 914	28 368	17 054
manufacture of textiles	1 588	1 303	1 558	1 701	3 085
manufacture of leather and related products	488	440	601	397	342
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	667	557	562	702	1 108
paper and paper products	1 027	1 151	1 482	1 643	2 190
printing and reproduction of recorded media	2 893	2 595	3 315	2 078	2 788

	Continuation				
	2012	2013	2014	2015	2016
production of coke and refined petroleum products	19 462	22 305	27 903	30 837	39 949
manufacture of chemical products	14 662	11 810	11 367	11 737	21 648
manufacture of rubber and plastic products	5 116	4 415	6 596	7 014	8 555
metallurgy industry	114 177	116 301	123 597	291 763	151 829
manufacture of finished metal products, except machinery and equipment	5 001	5 174	6 172	7 941	7 382
machinery and equipment manufacturing, not classified in other categories	3 988	4 052	4 826	7 263	6 957
motor vehicles, trailers and semi-trailers	465	1 444	1 121	2 163	1 841
other transport equipment	1 757	1 783	3 479	3 728	5 044
furniture production	867	599	756	908	724
other manufacturing	765	787	1 071	1 136	1 019
electricity, gas, steam and air conditioning	79 458	96 048	136 403	153 422	242 535
water supply; sewerage, waste management and remediation activities	18 018	23 305	25 331	56 436	69 133
collection, processing and distribution of water	12 223	19 072	20 641	51 609	47 369
construction	122 533	123 423	126 710	139 743	150 612
wholesale and retail trade; repair of motor vehicles and motorcycles	90 047	83 040	90 894	119 135	160 539
transportation and storage	339 656	340 405	390 334	515 127	521 329
accommodation and food services	14 333	11 195	15 305	25 810	23 917
information and communication	86 322	93 351	174 005	192 738	126 953
financial and insurance activities	36 508	33 501	35 906	49 288	43 194
real estate activities	36 050	45 448	60 715	69 616	89 057
professional, scientific and technical activities	64 872	70 773	140 902	308 334	198 404
administrative and support service activities	30 911	20 617	33 779	40 968	52 097
public administration and defense; compulsory social security	183 318	188 495	334 068	444 412	887 758
education	101 223	106 563	131 270	168 325	179 966
health care and social services	62 016	84 731	108 000	150 062	147 689
arts, entertainment and recreation	15 085	23 847	28 325	32 830	41 069
other service activities	8 110	10 942	6 014	16 450	16 478

#### 4.6 Coefficient of renewal of fixed assets

	million tenge				
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	13,6	12,6	10,9	16,4	10,0
including by economic activity:					
agriculture, forestry and fishing	35,5	34,5	31,7	29,1	17,4
crop and animal production, hunting and related services in these spheres	35,6	34,6	31,7	29,1	17,4

	Continuation				
	2012	2013	2014	2015	2016
forestry and logging	13,9	19,5	8,8	11,1	6,3
fishing and aquaculture	5,3	14,8	43,7	30,7	21,0
mining and quarrying	8,9	10,0	10,4	16,0	8,7
mining of coal and lignite	5,9	5,6	4,2	3,7	3,9
crude oil and natural gas	8,9	9,7	10,8	16,9	8,6
mining of metal ores	7,7	10,8	9,2	11,9	10,0
manufacturing	12,4	10,0	10,8	13,9	15,2
food production	10,1	11,4	9,6	11,1	8,8
beverage production	12,7	11,5	7,0	5,2	6,4
manufacture of textiles	8,1	7,6	5,8	9,5	15,0
manufacture of leather and related products	0,2	0,3	3,8	1,2	3,3
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	5,5	3,9	8,5	21,5	14,6
paper and paper products	2,8	3,3	10,1	16,9	8,4
printing and reproduction of recorded media	20,3	4,9	12,4	6,7	9,9
production of coke and refined petroleum products	4,0	4,2	13,7	36,4	22,0
manufacture of chemical products	24,4	8,0	9,0	22,7	13,7
manufacture of rubber and plastic products	14,5	21,5	27,3	15,9	14,2
metallurgy industry	12,3	11,0	7,9	10,7	17,6
manufacture of finished metal products, except machinery and equipment	18,9	9,5	12,2	5,4	3,8
machinery and equipment manufacturing, not classified in other categories	15,4	5,6	8,7	5,9	10,2
motor vehicles, trailers and semi-trailers	14,4	14,2	49,0	3,7	4,7
other transport equipment	28,9	14,6	4,6	6,0	18,9
furniture production	14,3	6,2	5,9	7,8	9,8
other manufacturing	14,3	5,8	4,4	4,5	5,0
electricity, gas, steam and air conditioning	9,7	10,6	6,5	5,8	7,9
water supply; sewerage, waste management and remediation activities	11,5	8,7	5,5	8,3	4,7
collection, processing and distribution of water	11,4	8,9	5,0	8,1	3,9
construction	13,5	12,1	13,3	10,8	13,9
wholesale and retail trade; repair of motor vehicles and motorcycles	14,8	24,4	17,4	42,9	2,9
transportation and storage	12,9	8,8	11,1	17,1	9,6
accommodation and food services	8,4	8,8	5,8	6,8	17,1
information and communication	17,6	13,6	12,8	12,2	13,4
financial and insurance activities	12,8	15,0	12,6	8,2	28,5
real estate activities	7,9	9,2	8,0	9,6	10,1
professional, scientific and technical activities	10,8	11,8	2,7	5,0	4,9

Continuation					
	2012	2013	2014	2015	2016
administrative and support service activities	28,6	12,3	7,7	5,6	8,3
public administration and defense; compulsory social security	23,8	19,8	21,9	18,3	14,9
education	15,4	13,4	11,3	10,1	10,2
health care and social services	14,0	11,3	13,1	7,9	10,9
arts, entertainment and recreation	22,0	17,4	9,5	8,1	6,6
other service activities	16,0	7,5	8,4	10,3	14,2

#### 4.7 Coefficient of liquidation of fixed assets

million tenge					
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	1,3	1,2	1,5	2,0	1,3
including by economic activity:					
agriculture, forestry and fishing	0,4	0,6	0,4	0,5	0,5
crop and animal production, hunting and related services in these spheres	0,4	0,6	0,4	0,5	0,4
forestry and logging	0,8	0,6	0,6	0,5	0,4
fishing and aquaculture	2,6	0,4	0,6	0,5	15,7
mining and quarrying	1,0	1,1	0,6	4,2	0,6
mining of coal and lignite	1,7	1,2	1,4	1,1	0,9
crude oil and natural gas	0,8	0,5	0,4	4,7	0,5
mining of metal ores	1,3	3,9	1,3	1,6	1,7
manufacturing	1,3	1,1	1,3	1,3	1,1
food production	1,9	1,3	1,5	1,3	1,0
beverage production	1,1	1,8	1,6	1,0	1,3
manufacture of textiles	0,1	0,1	0,0	0,2	0,4
manufacture of leather and related products	0,1	24,4	0,5	0,4	1,2
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	0,5	1,8	0,5	0,8	0,6
paper and paper products	0,4	0,2	0,5	1,7	1,3
printing and reproduction of recorded media	0,6	2,5	2,0	2,4	1,2
production of coke and refined petroleum products	1,5	1,0	2,4	0,9	0,3
manufacture of chemical products	0,7	0,3	1,0	1,3	0,4
manufacture of rubber and plastic products	1,3	2,7	4,4	3,7	3,4
metallurgy industry	1	1,0	1,1	0,9	0,8
manufacture of finished metal products, except machinery and equipment	1,7	0,8	0,8	0,7	0,7
machinery and equipment manufacturing, not classified in other categories	1,2	0,3	0,5	0,6	0,8
motor vehicles, trailers and semi-trailers	0,4	0,7	0,5	0,1	0,2
other transport equipment	3,8	0,1	0,0	0,1	0,1

	Continuation				
	2012	2013	2014	2015	2016
furniture production	2,2	1,9	3,6	2,4	0,8
other manufacturing	0,1	0,1	0,5	0,5	1,4
electricity, gas, steam and air conditioning	0,6	0,7	2,1	0,8	0,7
water supply; sewerage, waste management and remediation activities	0,6	0,5	0,5	0,4	0,7
collection, processing and distribution of water	0,6	0,3	0,4	0,3	0,4
construction	3,3	1,8	2,9	2,4	3,3
wholesale and retail trade; repair of motor vehicles and motorcycles	2,4	3,3	2,5	0,8	0,7
transportation and storage	0,8	0,8	1,6	0,7	3,0
accommodation and food services	1,1	0,6	0,8	0,7	1,6
information and communication	3,3	2,5	5,0	6,0	4,6
financial and insurance activities	7,6	3,6	4,0	2,3	2,8
real estate activities	0,2	0,5	0,5	0,6	1,4
professional, scientific and technical activities	1,6	1,4	0,4	0,4	0,9
administrative and support service activities	1,8	1,8	2,7	1,7	1,9
public administration and defense; compulsory social security	1,9	2,7	4,0	2,5	1,9
education	1,3	1,2	1,4	1,0	1,3
health care and social services	1,2	1,0	1,0	1,7	1,3
arts, entertainment and recreation	0,9	0,6	7,0	1,3	0,8
other service activities	2,3	2,0	6,8	2,2	1,4

#### 4.8 Depreciation degree of fixed assets

	million tenge				
	2012	2013	2014	2015	2016
All fixed assets	36,3	38,9	43,7	36,0	34,2
including by economic activity:					
agriculture, forestry and fishing	16,0	17,6	20,2	17,3	16,5
crop and animal production, hunting and related services in these spheres	15,9	17,6	20,1	17,2	16,4
forestry and logging	54,7	38,3	54,9	47,9	49,6
fishing and aquaculture	35,4	24,0	23,7	26,0	23,1
mining and quarrying	55,1	55,7	59,9	63,7	55,6
mining of coal and lignite	63,7	66,0	65,3	66,7	66,9
crude oil and natural gas	57,4	58,8	62,7	66,5	56,6
mining of metal ores	38,7	40,1	42,5	42,5	44,4
manufacturing	37,3	38,9	40,6	41,1	38,3
food production	35,5	38,5	38,7	40,6	42,2
beverage production	31,7	38,4	42,0	41,2	45,7
manufacture of textiles	24,6	27,0	30,5	27,5	29,2
manufacture of leather and related products	41,9	38,5	48,6	50,7	44,4

Continuation					
	2012	2013	2014	2015	2016
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	36,8	31,8	27,8	24,0	43,5
paper and paper products	31,7	33,7	37,3	39,7	28,6
printing and reproduction of recorded media	38,7	34,8	38,1	37,0	49,3
production of coke and refined petroleum products	32,9	38,6	38,5	34,2	31,1
manufacture of chemical products	23	23,3	24,8	20,7	23,7
manufacture of rubber and plastic products	37,4	35,1	40,1	39,9	40,2
metallurgy industry	41,3	42,3	46,5	47,8	40,3
manufacture of finished metal products, except machinery and equipment	29,1	33,1	32,1	39,6	69,2
machinery and equipment manufacturing, not classified in other categories	34,2	33,8	39,2	31,4	26,8
motor vehicles, trailers and semi-trailers	30,9	30,1	17,3	22,9	24,4
other transport equipment	19,4	12,9	17,9	22,0	34,2
furniture production	36,1	49,5	37,2	43,3	35,3
other manufacturing	20,9	23,6	28,7	29,1	38,0
electricity, gas, steam and air conditioning	34,2	37,5	30,6	31,2	30,1
water supply; sewerage, waste management and remediation activities	30,9	24,7	25,8	23,0	27,4
collection, processing and distribution of water	28,9	21,7	23,9	21,1	26,3
construction	36,6	42,5	43,8	46,3	45,4
wholesale and retail trade; repair of motor vehicles and motorcycles	34,0	35,3	36,8	11,1	7,7
transportation and storage	26,4	27,3	24,3	24,5	23,6
accommodation and food services	33,1	29,3	29,8	26,1	29,1
information and communication	44,5	44,5	58,1	53,4	55,6
financial and insurance activities	33,5	30,0	28,1	35,0	25,3
real estate activities	8,1	7,0	8,4	8,5	8,6
professional, scientific and technical activities	53,9	77,6	76,7	24,5	31,7
administrative and support service activities	33,6	25,4	26,9	32,0	41,8
public administration and defense; compulsory social security	35,9	32,5	34,8	29,7	30,8
education	35,1	30,9	35,4	35,6	35,7
health care and social services	31,4	32,1	37,9	36,1	37,2
arts, entertainment and recreation	26,2	22,6	27,1	34,0	29,5
other service activities	41,9	32,8	51,8	27,7	29,5

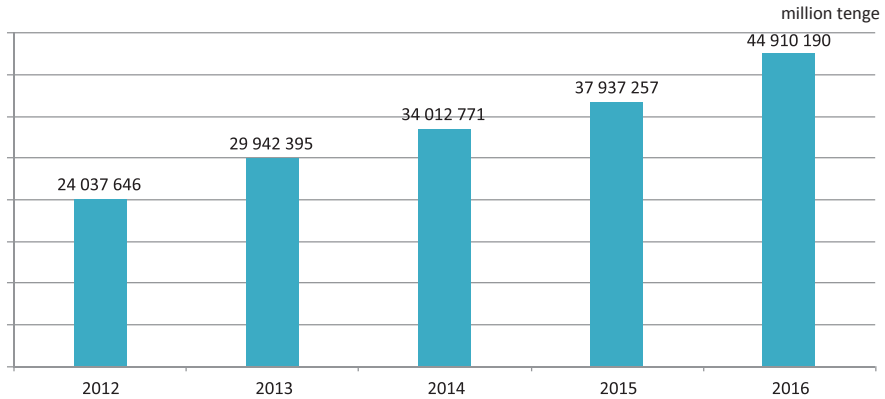
## 5. Fixed assets of large and medium-sized enterprises

### 5.1 Availability of fixed assets at the original value of large and medium-sized enterprises

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	24 037 646	29 942 395	34 012 771	37 937 257	44 910 190
including:					
agriculture, forestry and fishing	550 368	611 624	640 025	677 970	771 027
crop and animal production, hunting and related services in these spheres	546 778	608 790	637 217	675 201	767 518
forestry and logging	2 304	1 392	2 478	2 429	2 586
fishing and aquaculture	1 286	1 442	330	341	922
mining and quarrying	6 744 142	7 781 129	8 921 344	13 169 642	14 519 564
manufacturing	3 123 515	3 428 541	3 551 967	4 155 970	5 323 919
electricity, gas, steam and air conditioning	1 801 359	2 457 955	3 195 923	3 473 532	3 761 091
water supply; sewerage, waste management and redemption activities	322 037	388 765	451 245	572 796	665 646
construction	739 475	896 689	832 063	872 648	766 751
wholesale and retail trade; repair of motor vehicles and motorcycles	462 202	529 370	421 254	476 078	3 171 052
transportation and storage	4 580 873	5 175 173	5 057 004	6 441 506	7 199 093
accommodation and food services	145 253	146 305	109 960	145 049	151 319
information and communication	934 421	1 064 666	1 624 979	1 691 940	1 833 681
financial and insurance activities	399 437	475 930	452 311	561 278	627 484
real estate activities	334 089	378 658	207 509	304 383	441 894
professional, scientific and technical activities	799 686	2 670 252	5 281 145	844 880	753 057
administrative and support service activities	157 177	179 112	187 643	305 988	316 659
public administration and defense; compulsory social security	1 090 517	1 255 807	950 058	1 229 237	1 702 482
education	889 097	1 327 000	889 083	1 133 035	1 264 825
healthcare and social services	767 773	862 857	1 011 488	1 601 879	1 324 254
arts, entertainment and recreation	154 737	273 337	188 886	238 590	281 665
other service activities	41 488	39 225	38 884	40 856	34 729

Continuation

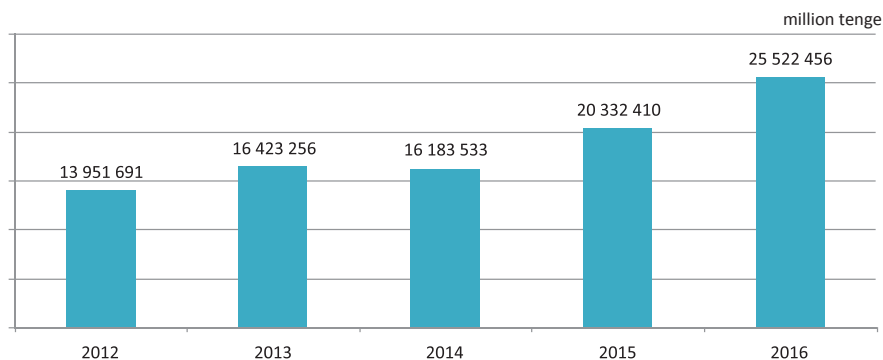
**Availability of fixed assets at the original value of large and medium-sized enterprises****5.2 Availability of fixed assets at the carrying value (deduction of depreciation) of large and medium-sized enterprises**

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	13 951 691	16 423 256	16 183 533	20 332 410	25 522 456
including:					
agriculture, forestry and fishing	352 230	380 218	368 431	380 677	440 073
crop and animal production, hunting and related services in these spheres	350 500	378 853	367 282	379 718	438 775
forestry and logging	974	769	972	792	735
fishing and aquaculture	756	596	177	168	563
mining and quarrying	2 809 554	3 138 641	3 089 015	4 227 555	4 702 606
manufacturing	1 932 552	2 068 058	2 038 378	2 401 906	3 229 597
electricity, gas, steam and air conditioning	1 171 849	1 529 852	2 196 731	2 364 652	2 594 113
water supply; sewerage, waste management and redemption activities	215 861	293 782	333 378	444 028	475 162
construction	430 316	498 983	430 210	438 201	408 826
wholesale and retail trade; repair of motor vehicles and motorcycles	301 912	321 712	270 215	291 836	2 886 283
transportation and storage	3 354 870	3 748 794	3 786 676	4 875 543	5 556 732
accommodation and food services	93 569	106 335	78 478	99 914	97 458
information and communication	516 748	590 197	672 673	789 913	816 316
financial and insurance activities	257 655	329 792	329 815	356 286	430 846
real estate activities	228 171	283 322	142 628	218 509	319 126
professional, scientific and technical activities	306 948	491 381	416 086	566 073	432 540
administrative and support service activities	90 122	133 501	143 069	218 168	230 448
public administration and defense; compulsory social security	659 840	781 712	551 356	728 205	1 063 736

	Continuation				
	2012	2013	2014	2015	2016
education	569 034	909 376	558 691	716 007	792 621
healthcare and social services	529 459	587 567	628 848	1 025 547	826 889
arts, entertainment and recreation	114 646	213 560	133 754	170 778	206 680
other service activities	16 355	16 473	15 101	18 612	12 400

### Availability of fixed assets at the carrying value (deduction of depreciation) of large and medium-sized enterprises



### 5.3 Depreciation degree of fixed assets of large and medium-sized enterprises

	in percent				
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	42,0	45,2	52,4	46,4	43,2
including:					
agriculture, forestry and fishing	36,0	37,8	42,4	43,9	42,9
crop and animal production, hunting and related services in these spheres	35,9	37,8	42,4	43,8	42,8
forestry and logging	57,7	44,7	60,8	67,4	71,6
fishing and aquaculture	41,2	58,7	46,3	50,8	39,0
mining and quarrying	58,3	59,7	65,4	67,9	67,6
manufacturing	38,1	39,7	42,6	42,2	39,3
electricity, gas, steam and air conditioning	34,9	37,8	31,3	31,9	31,0
water supply; sewerage, waste management and redemption activities	33,0	24,4	26,1	22,5	28,6
construction	41,8	44,4	48,3	49,8	46,7
wholesale and retail trade; repair of motor vehicles and motorcycles	34,7	39,2	35,9	38,7	9,0
transportation and storage	26,8	27,6	25,1	24,3	22,8
accommodation and food services	35,6	27,3	28,6	31,1	35,6
information and communication	44,7	44,6	58,6	53,3	55,5
financial and insurance activities	35,5	30,7	27,1	36,5	31,3
real estate activities	31,7	25,2	31,3	28,2	27,8

Continuation

	2012	2013	2014	2015	2016
professional, scientific and technical activities	61,6	81,6	92,1	33	42,6
administrative and support service activities	42,7	25,5	23,8	28,7	27,2
public administration and defense; compulsory social security	39,5	37,8	42,0	40,8	37,5
education	36,0	31,5	37,2	36,8	37,3
healthcare and social services	31,0	31,9	37,8	36	37,6
arts, entertainment and recreation	25,9	21,9	29,2	28,4	26,6
other service activities	60,6	58,0	61,2	54,4	64,3

## 5.4 Coefficient of renewal of fixed assets of large and medium-sized enterprises

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	12,1	11,7	8,8	11,7	9,0
including:					
agriculture, forestry and fishing	10,4	9,4	7,0	6,5	10,8
crop and animal production, hunting and related services in these spheres	10,4	9,4	7,0	6,5	10,8
forestry and logging	18,5	6,8	3,9	2,0	6,3
fishing and aquaculture	3,9	2,1	3,1	3,7	1,7
mining and quarrying	9,0	10,4	9,0	10,4	8,2
manufacturing	12,1	8,7	8,2	12,7	15,1
electricity, gas, steam and air conditioning	8,0	10,3	6,6	4,4	6,7
water supply; sewerage, waste management and redemiation activities	9,9	7,0	4,6	7,3	3,8
construction	14,1	11,7	12,9	10,0	11,0
wholesale and retail trade; repair of motor vehicles and motorcycles	20,1	20,3	15,6	14,7	1,6
transportation and storage	11,5	8,4	11,7	18,3	10,3
accommodation and food services	6,5	8,2	7,5	5,0	8,1
information and communication	17,8	13,7	13,1	12,9	13,8
financial and insurance activities	13,4	15,4	11,8	7,7	10,6
real estate activities	14,2	14,8	10,4	8,0	5,1
professional, scientific and technical activities	10,9	9,8	2,4	26,0	5,5
administrative and support service activities	29,3	9,3	7,2	4,4	11,9
public administration and defense; compulsory social security	24,5	28,4	18,6	17,1	8,0
education	14,3	26,6	10,1	8,0	7,3
healthcare and social services	14,1	10,8	13,1	7,4	10,7
arts, entertainment and recreation	29,2	15,0	11,4	5,4	6,6
other service activities	18,0	7,2	5,8	3,0	3,6

## 5.5 Coefficient of liquidation of fixed assets of large and medium-sized enterprises

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	1,4	2,0	1,4	1,2	1,7
including:					
agriculture, forestry and fishing	1,0	1,6	0,8	1,0	1,1
crop and animal production, hunting and related services in these spheres	1,0	1,6	0,8	1,0	1,1
forestry and logging	1,1	0,7	0,5	0,3	0,2
fishing and aquaculture	1,7	1,7	3,9	0,7	2,3
mining and quarrying	0,9	1,2	0,7	0,8	0,8
manufacturing	1,4	1,1	1,2	1,4	1,1
electricity, gas, steam and air conditioning	0,6	0,7	0,5	0,8	0,7
water supply; sewerage, waste management and redemption activities	0,6	0,5	0,4	0,2	0,7
construction	3,5	2,0	3,4	2,4	3,1
wholesale and retail trade; repair of motor vehicles and motorcycles	2,9	3,0	2,9	3,1	2,8
transportation and storage	0,8	2,4	1,7	0,6	3,5
accommodation and food services	1,4	0,3	1,0	0,6	1,3
information and communication	3,4	2,5	5,2	6,4	5,0
financial and insurance activities	8,8	3,8	4,3	2,3	3,0
real estate activities	1,0	3,5	3,3	0,2	2,8
professional, scientific and technical activities	1,6	1,5	0,4	0,2	0,9
administrative and support service activities	5,3	1,8	0,8	1,5	2,8
public administration and defense; compulsory social security	2,4	11,4	4,3	3,7	2,3
education	1,3	1,4	1,3	1,0	1,5
healthcare and social services	1,2	1,0	1,0	1,7	1,3
arts, entertainment and recreation	1,0	0,6	13,4	1,1	1,1
other service activities	1,9	1,7	10,3	2,1	1,4

## 5.6 Fixed assets of large and medium-sized enterprises by main activity

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	23 668 540	29 550 439	33 602 638	37 373 626	44 376 385
including:					
agriculture, forestry and fishing	545 639	606 796	634 697	676 994	768 772
crop and animal production, hunting and related services in these spheres	542 049	603 964	631 889	674 225	765 272
forestry and logging	2 304	1 391	2 478	2 429	2 578
fishing and aquaculture	1 286	1 441	330	340	922
mining and quarrying	6 719 510	7 745 822	8 891 035	12 875 959	14 290 006
manufacturing	2 860 975	3 137 025	3 238 716	4 112 466	5 279 251
electricity, gas, steam and air conditioning	1 799 856	2 456 189	3 194 296	3 469 648	3 756 648

Continuation					
	2012	2013	2014	2015	2016
water supply; sewerage, waste management and redemption activities	319 489	386 164	448 136	569 711	662 155
construction	735 688	890 069	819 591	867 712	757 017
wholesale and retail trade; repair of motor vehicles and motorcycles	430 514	522 301	408 587	462 671	3 159 184
transportation and storage	4 576 827	5 171 498	5 053 874	6 428 750	7 182 622
accommodation and food services	140 180	144 188	107 834	129 338	136 376
information and communication	933 694	1 063 958	1 624 625	1 691 916	1 833 310
financial and insurance activities	392 768	457 955	446 779	561 278	627 484
real estate activities	329 552	376 837	205 566	268 960	410 860
professional, scientific and technical activities	793 101	2 667 660	5 280 915	844 293	751 859
administrative and support service activities	157 095	179 035	187 579	193 707	176 764
public administration and defense; compulsory social security	1 089 440	1 252 025	948 189	1 229 095	1 702 338
education	881 152	1 317 666	873 225	1 132 762	1 263 852
healthcare and social services	767 664	862 780	1 011 291	1 587 722	1 311 616
arts, entertainment and recreation	153 942	273 250	188 821	233 498	273 566
other service activities	41 454	39 221	38 882	37 146	32 704

## Buildings

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	3 988 904	4 764 043	4 224 385	5 575 075	6 496 315
including:					
agriculture, forestry and fishing	92 161	101 970	106 114	114 275	130 175
crop and animal production, hunting and related services in these spheres	91 454	101 092	105 674	113 830	129 453
forestry and logging	385	240	346	351	485
fishing and aquaculture	322	638	94	94	236
mining and quarrying	384 985	431 007	516 068	735 436	909 829
manufacturing	630 500	656 410	651 913	850 343	1 031 443
electricity, gas, steam and air conditioning	195 638	252 037	242 157	270 323	282 587
water supply; sewerage, waste management and redemption activities	55 026	62 345	62 908	93 595	120 233
construction	149 527	172 346	123 644	130 874	133 203
wholesale and retail trade; repair of motor vehicles and motorcycles	145 531	164 451	111 464	140 469	413 843
transportation and storage	229 702	258 694	269 883	335 067	482 247
accommodation and food services	109 029	106 714	78 978	90 978	90 627
information and communication	66 909	81 342	82 132	83 270	89 039
financial and insurance activities	202 571	239 265	254 386	348 912	387 100
real estate activities	234 017	263 862	147 919	171 858	259 791
professional, scientific and technical activities	113 492	123 663	120 381	119 593	98 077
administrative and support service activities	45 631	48 700	75 953	67 692	66 006

	Continuation				
	2012	2013	2014	2015	2016
public administration and defense; compulsory social security	299 769	294 911	212 390	278 848	351 853
education	565 936	919 153	555 271	762 392	848 100
healthcare and social services	376 131	421 090	493 975	826 289	648 247
arts, entertainment and recreation	87 496	162 739	116 051	146 495	148 447
other service activities	4 853	3 344	2 798	8 366	5 468

### Constructions

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	8 111 520	10 309 494	12 813 073	13 623 932	15 418 458
including:					
agriculture, forestry and fishing	60 219	78 112	130 088	151 182	164 416
crop and animal production, hunting and related services in these spheres	59 974	77 854	130 052	151 163	164 395
forestry and logging	15	29	21	4	4
fishing and aquaculture	230	229	15	15	16
mining and quarrying	3 282 431	3 861 802	4 385 708	5 819 730	6 493 306
manufacturing	393 354	460 600	461 719	630 722	826 230
electricity, gas, steam and air conditioning	717 095	1 123 391	1 609 463	1 550 724	1 868 699
water supply; sewerage, waste management and redemiation activities	197 786	267 615	310 227	410 163	441 182
construction	128 298	201 976	145 598	153 996	35 283
wholesale and retail trade; repair of motor vehicles and motorcycles	92 245	101 539	82 648	85 369	107 108
transportation and storage	2 495 110	2 637 027	3 044 471	4 103 419	4 617 486
accommodation and food services	2 845	3 519	5 008	4 377	4 330
information and communication	173 936	201 052	253 758	299 399	269 597
financial and insurance activities	2 533	6 301	13 306	4 947	2 381
real estate activities	13 145	16 760	9 227	28 742	47 222
professional, scientific and technical activities	343 840	1 154 766	2 268 261	252 871	207 731
administrative and support service activities	4 522	5 312	8 036	12 669	14 823
public administration and defense; compulsory social security	166 793	138 653	40 590	63 667	239 671
education	14 391	23 280	19 483	24 443	29 289
healthcare and social services	6 746	10 617	12 782	13 058	15 038
arts, entertainment and recreation	16 182	17 035	12 605	14 440	34 648
other service activities	49	137	95	14	18

### Machinery and equipment

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	7 712 476	12 958 793	12 243 069	16 081 390	20 092 892
including:					
agriculture, forestry and fishing	299 735	372 081	301 010	358 825	415 572
crop and animal production, hunting and related services in these spheres	298 471	370 607	299 859	356 865	413 183
forestry and logging	859	993	1 024	1 752	1 762

Continuation

	2012	2013	2014	2015	2016
fishing and aquaculture	405	481	127	208	627
mining and quarrying	2 601 789	3 183 981	3 327 589	6 012 688	6 430 333
manufacturing	1 517 471	1 820 715	1 720 928	2 325 827	2 891 496
electricity, gas, steam and air conditioning	774 968	1 014 406	1 256 592	1 614 792	1 531 919
water supply; sewerage, waste management and redemption activities	31 287	50 116	32 948	61 301	94 943
construction	250 492	469 118	278 491	512 592	523 833
wholesale and retail trade; repair of motor vehicles and motorcycles	80 944	192 552	81 306	158 960	2 559 846
transportation and storage	440 303	2 116 636	483 768	1 821 007	1 903 684
accommodation and food services	9 601	14 273	8 534	15 991	19 989
information and communication	626 800	759 720	1 085 828	1 148 665	1 438 362
financial and insurance activities	92 932	126 758	106 439	129 619	149 225
real estate activities	40 973	61 268	23 738	44 181	66 923
professional, scientific and technical activities	148 588	1 326 649	2 610 948	376 701	379 029
administrative and support service activities	15 226	114 450	18 868	97 562	65 275
public administration and defense; compulsory social security	270 924	667 522	310 796	609 288	780 909
education	160 562	209 045	159 901	197 334	222 569
healthcare and social services	297 504	372 686	391 566	545 705	559 304
arts, entertainment and recreation	19 382	53 529	13 179	23 992	34 001
other service activities	32 995	33 288	30 640	26 360	25 680

## Transport

million tenge

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	2 602 593	3 121 177	2 606 362	2 754 342	3 111 709
including:					
agriculture, forestry and fishing	46 578	50 042	47 192	51 475	59 974
crop and animal production, hunting and related services in these spheres	45 611	49 154	46 381	50 669	58 878
forestry and logging	732	671	741	730	695
fishing and aquaculture	235	217	70	76	401
mining and quarrying	274 285	318 428	359 976	358 734	385 619
manufacturing	152 220	172 627	172 119	215 504	463 069
electricity, gas, steam and air conditioning	47 592	60 263	61 370	56 490	61 046
water supply; sewerage, waste management and redemption activities	17 184	17 163	17 772	20 846	27 833
construction	155 542	208 437	213 098	216 814	218 779
wholesale and retail trade; repair of motor vehicles and motorcycles	56 096	73 161	60 598	65 540	104 087
transportation and storage	1 267 068	1 586 179	1 097 086	1 198 355	1 198 934
accommodation and food services	2 834	2 862	1 980	2 714	3 771
information and communication	43 371	38 097	61 337	62 322	61 315
financial and insurance activities	10 424	12 148	12 410	11 346	11 605
real estate activities	13 306	18 106	7 503	9 059	12 686

	Continuation				
	2012	2013	2014	2015	2016
professional, scientific and technical activities	122 684	147 012	170 219	63 535	61 740
administrative and support service activities	84 643	99 328	69 389	75 721	44 206
public administration and defense; compulsory social security	253 772	249 634	193 294	210 684	312 419
education	13 763	17 303	12 654	13 660	16 110
healthcare and social services	34 921	33 743	38 733	109 895	58 591
arts, entertainment and recreation	4 759	14 190	7 849	10 371	9 327
other service activities	1 551	2 454	1 783	1 277	598

## 5.7 Structure of fixed assets of large and medium-sized enterprises by main activity

Buildings					in percent
	2012	2013	2014	2015	2016
<b>All fixed assets</b>	16,9	16,1	12,6	14,9	14,6
including:					
agriculture, forestry and fishing	16,9	16,8	16,7	16,9	16,9
crop and animal production, hunting and related services in these spheres	16,9	16,7	16,7	16,9	16,9
forestry and logging	16,7	17,2	14,0	14,5	18,8
fishing and aquaculture	25,0	44,3	28,4	27,5	25,6
mining and quarrying	5,7	5,6	5,8	5,7	6,4
manufacturing	22,0	20,9	20,1	20,7	19,5
electricity, gas, steam and air conditioning	10,9	10,3	7,6	7,8	7,5
water supply; sewerage, waste management and redemiation activities	17,2	16,1	14,0	16,4	18,2
construction	20,3	19,4	15,1	15,1	17,6
wholesale and retail trade; repair of motor vehicles and motorcycles	33,8	31,5	27,3	30,4	13,1
transportation and storage	5,0	5,0	5,3	5,2	6,7
accommodation and food services	77,8	74,0	73,2	70,3	66,5
information and communication	7,2	7,6	5,1	4,9	4,9
financial and insurance activities	51,6	52,2	56,9	62,2	61,7
real estate activities	71,0	70,0	72,0	63,9	63,2
professional, scientific and technical activities	14,3	4,6	2,3	14,2	13,0
administrative and support service activities	29,0	27,2	40,5	34,9	37,3
public administration and defense; compulsory social security	27,5	23,6	22,4	22,7	20,7
education	64,2	69,8	63,6	67,3	67,1
healthcare and social services	49,0	48,8	48,8	52,0	49,4
arts, entertainment and recreation	56,8	59,6	61,5	62,7	54,3
other service activities	11,7	8,5	7,2	22,5	16,7

## Constructions

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	34,3	34,9	38,1	36,5	34,7
including:					
agriculture, forestry and fishing	11,0	12,9	20,5	22,3	21,4
crop and animal production, hunting and related services in these spheres	11,1	12,9	20,6	22,4	21,5
forestry and logging	0,7	2,1	0,8	0,2	0,2
fishing and aquaculture	17,9	15,9	4,6	4,5	1,7
mining and quarrying	48,8	49,9	49,3	45,2	45,4
manufacturing	13,7	14,7	14,3	15,3	15,7
electricity, gas, steam and air conditioning	39,8	45,7	50,4	44,7	49,7
water supply; sewerage, waste management and redemption activities	61,9	69,3	69,2	72,0	66,6
construction	17,4	22,7	17,8	17,7	4,7
wholesale and retail trade; repair of motor vehicles and motorcycles	21,4	19,4	20,2	18,5	3,4
transportation and storage	54,5	51,0	60,2	63,8	64,3
accommodation and food services	2,0	2,4	4,6	3,4	3,2
information and communication	18,6	18,9	15,6	17,7	14,7
financial and insurance activities	0,6	1,4	3,0	0,9	0,4
real estate activities	4,0	4,4	4,5	10,7	11,5
professional, scientific and technical activities	43,4	43,3	43,0	30,0	27,6
administrative and support service activities	2,9	3,0	4,3	6,5	8,4
public administration and defense; compulsory social security	15,3	11,1	4,3	5,2	14,1
education	1,6	1,8	2,2	2,2	2,3
healthcare and social services	0,9	1,2	1,3	0,8	1,1
arts, entertainment and recreation	10,5	6,2	6,7	6,2	12,7
other service activities	0,1	0,3	0,2	0,0	0,1

## Machinery and equipment

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	43,9	44,2	43,0	43,0	45,3
including:					
agriculture, forestry and fishing	61,3	54,9	53,0	53,0	54,1
crop and animal production, hunting and related services in these spheres	61,4	54,8	52,9	52,9	54,0
forestry and logging	71,4	71,2	72,1	72,1	68,3
fishing and aquaculture	33,3	59,9	61,1	61,1	68,0
mining and quarrying	41,1	41,5	46,7	46,7	45,0
manufacturing	58,0	58,5	56,6	56,6	54,8
electricity, gas, steam and air conditioning	41,3	41,3	46,5	46,5	40,8
water supply; sewerage, waste management and redemption activities	13,0	11,3	10,8	10,8	14,3
construction	52,7	60,0	59,1	59,1	69,2

	Continuation				
	2012	2013	2014	2015	2016
wholesale and retail trade; repair of motor vehicles and motorcycles	36,9	34,7	34,4	34,4	81,0
transportation and storage	40,9	31,3	28,3	28,3	26,5
accommodation and food services	9,9	9,7	12,4	12,4	14,7
information and communication	71,4	70,6	67,9	67,9	78,5
financial and insurance activities	27,7	26,6	23,1	23,1	23,8
real estate activities	16,3	15,2	16,4	16,4	16,3
professional, scientific and technical activities	49,7	52,7	44,6	44,6	50,4
administrative and support service activities	63,9	47,1	50,4	50,4	36,9
public administration and defense; compulsory social security	53,3	53,2	49,6	49,6	45,9
education	15,9	19,8	17,4	17,4	17,6
healthcare and social services	43,2	42,5	34,4	34,4	42,6
arts, entertainment and recreation	19,6	11,1	10,3	10,3	12,4
other service activities	84,9	83,4	71,0	71,0	78,5

#### Transport

in percent

	2012	2013	2014	2015	2016
<b>All fixed assets</b>	11,0	10,6	7,8	7,4	7,0
including:					
agriculture, forestry and fishing	8,5	8,2	7,4	7,6	7,8
crop and animal production, hunting and related services in these spheres	8,4	8,1	7,3	7,5	7,7
forestry and logging	31,8	48,2	29,9	30,1	27,0
fishing and aquaculture	18,3	15,1	21,3	22,3	43,5
mining and quarrying	4,1	4,1	4,0	2,8	2,7
manufacturing	5,3	5,5	5,3	5,2	8,8
electricity, gas, steam and air conditioning	2,6	2,5	1,9	1,6	1,6
water supply; sewerage, waste management and redemption activities	5,4	4,4	4,0	3,7	4,2
construction	21,1	23,4	26,0	25,0	28,9
wholesale and retail trade; repair of motor vehicles and motorcycles	13,0	14,0	14,8	14,2	3,3
transportation and storage	27,7	30,7	21,7	18,6	16,7
accommodation and food services	2,0	2,0	1,8	2,1	2,8
information and communication	4,6	3,6	3,8	3,7	3,3
financial and insurance activities	2,7	2,7	2,8	2,0	1,8
real estate activities	4,0	4,8	3,7	3,4	3,1
professional, scientific and technical activities	15,5	5,5	3,2	7,5	8,2
administrative and support service activities	53,9	55,5	37,0	39,1	25,0
public administration and defense; compulsory social security	23,3	19,9	20,4	17,1	18,4
education	1,6	1,3	1,4	1,2	1,3
healthcare and social services	4,5	3,9	3,8	6,9	4,5
arts, entertainment and recreation	3,1	5,2	4,2	4,4	3,4
other service activities	3,7	6,3	4,6	3,4	1,8

## 6. Structure of fixed assets by main activity

### 6.1 Structure of fixed assets

	in percent				
	2012	2013	2014	2015	2016
<b>Fixed assets</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	18,6	16,4	19,7	19,0	19,0
constructions	31,1	33,7	31,1	27,7	28,8
machinery and equipment	43,7	43,7	41,6	35,0	40,1
other fixed assets	6,6	6,2	7,6	18,3	12,1

### 6.2 Structure of fixed assets by main activity in enterprises

	in percent				
	2012	2013	2014	2015	2016
<b>Agriculture, forestry and fishing</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	16,5	15,4	15,4	7,2	7,5
constructions	9,7	11,4	17,3	6,8	6,4
machinery and equipment	64,4	63,7	57,8	24,8	23,9
other fixed assets	9,4	9,5	9,5	61,2	62,2
<b>Fishing and aquaculture</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	19,4	40,9	24,2	38,0	44,4
constructions	15,2	5,0	4,8	8,4	7,6
machinery and equipment	43,7	49,8	47,1	43,3	45,2
other fixed assets	21,7	4,3	24,0	10,3	2,8
<b>Mining and quarrying</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	5,7	4,8	4,9	4,6	4,3
constructions	41,7	46,8	44,2	43,7	42,7
machinery and equipment	46,9	42,9	45,1	42,6	50,1
other fixed assets	5,7	5,4	5,8	9,1	2,8
<b>Manufacturing</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	22,8	21,7	21,3	22,1	20,2
constructions	13,6	13,9	12,7	14,0	15,2
machinery and equipment	58,0	57,9	57,6	56,5	54,9
other fixed assets	5,6	6,5	8,4	7,4	9,8
<b>Electricity, gas, steam and air conditioning</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	10,8	10,3	7,7	7,7	8,0
constructions	39,0	45,5	49,8	44,2	48,6
machinery and equipment	46,6	41,3	41,6	46,9	41,5
other fixed assets	3,6	3,0	0,9	1,2	2,0

Continuation					
	2012	2013	2014	2015	2016
<b>Construction</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	33,1	20,2	20,2	19,5	18,9
constructions	10,7	16,4	13,4	11,0	5,5
machinery and equipment	49,2	55,9	57,7	56,5	66,6
other fixed assets	7,0	7,4	8,7	13,0	8,9
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	42,5	29,9	30,1	12,7	11,9
constructions	9,8	11,8	13,8	5,0	4,4
machinery and equipment	29,7	44,4	39,7	33,9	46,2
other fixed assets	18,0	14,0	16,4	48,4	37,5
<b>Accommodation and food services</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	71,1	71,1	64,6	62,6	67,1
constructions	2,4	2,4	3,8	2,8	2,9
machinery and equipment	9,3	11,5	18,0	11,4	12,6
other fixed assets	17,2	14,9	13,6	23,2	17,3
<b>Transport and storage</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	5,3	5,3	5,6	5,7	7,0
constructions	51,7	47,4	52,0	55,1	55,4
machinery and equipment	39,9	44,1	39,6	36,7	35,2
other fixed assets	3,1	3,1	2,8	2,5	2,4
<b>Information and communication</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	7,5	7,8	5,2	5,8	5,4
constructions	18,1	19,7	16,3	18,1	15,9
machinery and equipment	71,6	70,0	69,3	66,8	76,0
other fixed assets	2,8	2,5	9,2	9,3	2,6
<b>Financial and insurance activities</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	55,1	54,2	57,9	61,2	68,8
constructions	0,7	1,3	2,5	0,8	0,3
machinery and equipment	24,0	26,6	25,4	22,9	19,4
other fixed assets	20,2	17,9	14,2	15,1	11,6
<b>Real estate activities</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	70,5	70,8	71,8	91,2	91,4
constructions	4,8	4,6	5,8	2,3	2,3
machinery and equipment	16,3	16,0	13,6	3,7	3,8
other fixed assets	8,4	8,6	8,8	2,8	2,5

Continuation					
	2012	2013	2014	2015	2016
<b>Public administration and defense; compulsory social security</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	22,1	20,0	21,2	19,0	20,4
constructions	41,9	41,8	41,8	45,3	46,1
machinery and equipment	28,1	28,4	26,9	27,1	25,3
other fixed assets	7,9	9,9	10,1	8,6	8,2
<b>Institutions and educational organizations</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	63,7	57,6	65,1	68,0	68,9
constructions	1,6	1,8	2,2	2,2	2,3
machinery and equipment	20,2	27,5	18,8	16,5	16,0
other fixed assets	14,5	13,2	13,9	13,3	12,8
<b>Health organizations</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	49,0	48,7	48,8	51,6	48,7
constructions	0,9	1,6	1,4	1,0	1,2
machinery and equipment	42,9	42,8	42,2	34,6	41,8
other fixed assets	7,2	7,0	7,6	12,8	8,3
<b>Other service activities</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	48,2	57,5	51,5	45,6	41,8
constructions	6,6	6,1	4,6	1,5	2,1
machinery and equipment	32,0	22,9	27,0	39,9	43,6
other fixed assets	13,2	13,5	16,9	13,0	12,5

## 7. Coefficient of renewal by types of fixed assets in the context of economic activities

### 7.1 Coefficient of renewal of fixed assets

	in percent				
	2012	2013	2014	2015	2016
<b>Total</b>					
<b>All fixed assets</b>	13,6	12,6	10,9	16,4	10,0
of which by main activity	12,9	11,7	10,2	16,5	10,0
including:					
buildings	12,2	11,7	10,9	11,2	13,4
constructions	10,4	9,8	9,4	15,0	10,4
machinery and equipment	14,2	12,3	9,7	10,6	8,2
<b>Agriculture, forestry and fishing</b>					
<b>All fixed assets</b>	35,5	34,5	31,7	29,1	17,4
of which by main activity	11,9	10,5	9,7	29,1	17,4
including:					
buildings	8,8	7,1	9,7	12,2	12,2
constructions	3,4	13,7	9,5	4,6	5,7
machinery and equipment	12,5	9,3	8,9	9,3	16,9
<b>Fishing and aquaculture</b>					
<b>All fixed assets</b>	5,3	14,8	43,7	30,7	21,0
of which by main activity	5,3	14,8	43,7	30,7	21,0
including:					
buildings	5,1	0,3	6,5	57,7	0,2
constructions	5,3	0,0	14,2	45,0	2,8
machinery and equipment	6,9	27,9	49,4	11,1	45,3
<b>Mining and quarrying</b>					
<b>All fixed assets</b>	8,9	10,0	10,4	16,0	8,7
of which by main activity	8,9	10,0	10,4	16,2	8,7
including:					
buildings	8,5	8,3	12,7	9,4	10,4
constructions	11,5	12,6	9,8	14,8	10,5
machinery and equipment	6,6	6,6	9,7	9,8	7,1
<b>Manufacturing</b>					
<b>All fixed assets</b>	12,4	10,0	10,8	13,9	15,2
of which by main activity	12,4	10,0	10,8	13,9	15,3
including:					
buildings	8,3	7,4	8,6	12,6	11,8
constructions	14,2	7,1	7,2	18,4	12,8
machinery and equipment	12,9	10,5	10,8	13,6	13,5
<b>Electricity, gas, steam and air conditioning</b>					
<b>All fixed assets</b>	9,7	10,6	6,5	5,8	7,9
of which by main activity	9,7	10,6	6,5	5,8	7,9
including:					
buildings	3,3	21,1	6,2	2,3	5,1
constructions	6,6	7,1	8,3	5,2	8,9
machinery and equipment	14,1	11,2	4,3	6,5	7,2

Continuation

	2012	2013	2014	2015	2016
<b>Construction</b>					
<b>All fixed assets</b>	13,5	12,1	13,3	10,8	13,9
of which by main activity	13,5	12,1	13,3	10,8	14,0
including:					
buildings	5,3	9,8	10,5	13,3	22,4
constructions	8,9	6,0	6,4	3,9	20,4
machinery and equipment	19,7	14,6	15,6	11,7	11,2
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>All fixed assets</b>	14,8	24,4	17,4	42,9	2,9
of which by main activity	14,8	24,4	17,4	43,0	2,9
including:					
buildings	8,8	10,2	10,9	11,9	13,8
constructions	12,1	14,3	19,2	9,0	2,8
machinery and equipment	25,7	36,8	21,7	4,4	1,9
<b>Accommodation and food services</b>					
<b>All fixed assets</b>	8,4	8,8	5,8	6,8	17,1
of which by main activity	8,4	8,8	5,8	6,7	17,9
including:					
buildings	5,4	7,1	3,3	4,8	17,8
constructions	4,1	1,6	14,3	2,7	21,1
machinery and equipment	10,8	18,6	8,1	16,9	21,8
<b>Transportation and storage</b>					
<b>All fixed assets</b>	12,9	8,8	11,1	17,1	9,6
of which by main activity	12,9	8,8	11,1	17,1	9,7
including:					
buildings	6,0	12,9	10,7	15,8	36,9
constructions	3,1	4,0	11,7	20,2	7,4
machinery and equipment	24,7	13,7	10,6	13,3	7,9
<b>Information and communication</b>					
<b>All fixed assets</b>	17,6	13,6	12,8	12,2	13,4
of which by main activity	17,6	13,6	12,8	12,2	13,4
including:					
buildings	19,3	9,7	10,9	5,6	9,1
constructions	17,9	14,2	14,4	18,2	9,4
machinery and equipment	17,1	13,9	13,8	10,1	14,6
<b>Financial and insurance activities</b>					
<b>All fixed assets</b>	12,8	15,0	12,6	8,2	28,5
of which by main activity	12,8	15,0	12,6	8,2	28,5
including:					
buildings	7,7	13,3	7,8	4,3	35,2
constructions	40,0	1,6	9,5	4,9	1,5
machinery and equipment	17,3	18,2	19,0	15,0	13,8
<b>Real estate activities</b>					
<b>All fixed assets</b>	7,9	9,2	8,0	9,6	10,1
of which by main activity	9,7	13,0	8,4	9,6	10,2
including:					
buildings	9,9	11,6	7,3	9,6	10,3
constructions	4,2	6,2	8,6	6,0	13,5
machinery and equipment	8,8	14,7	10,4	10,7	9,4

Continuation					
	2012	2013	2014	2015	2016
<b>Public administration and defense; compulsory social security</b>					
<b>All fixed assets</b>	23,8	19,8	21,9	18,3	14,9
of which by main activity	23,8	19,8	21,9	18,3	14,9
including:					
buildings	27,9	20,0	25,7	33,7	18,0
constructions	26,5	8,0	16,7	16,4	17,9
machinery and equipment	15,5	34,9	27,4	11,2	8,7
<b>Institutions and educational organizations</b>					
<b>All fixed assets</b>	15,4	13,4	11,3	10,1	10,2
of which by main activity	15,4	13,4	11,3	10,1	10,2
including:					
buildings	13,0	14,1	9,4	9,8	9,5
constructions	18,6	13,4	14,8	8,4	10,2
machinery and equipment	19,8	9,0	13,3	8,4	9,0
<b>Healthcare organizations</b>					
<b>All fixed assets</b>	14,0	11,3	13,1	7,9	10,9
of which by main activity	14,0	11,3	13,1	7,8	10,9
including:					
buildings	13,2	7,4	12,4	6,5	8,5
constructions	18,6	15,2	5,5	5,0	12,6
machinery and equipment	15,3	15,1	13,9	10,6	12,2
<b>Other service activities</b>					
<b>All fixed assets</b>	16,0	7,5	8,4	10,3	14,2
of which by main activity	16,0	7,5	8,4	10,5	14,3
including:					
buildings	23,5	5,8	4,0	9,5	12,5
constructions	11,7	9,2	5,8	36,5	0,9
machinery and equipment	18,4	8,8	6,4	5,0	10,1

## 8. Coefficient of liquidation of fixed assets by types of fixed assets in the context of economic activities

### 8.1 Coefficient of liquidation of fixed assets

	in percent				
	2012	2013	2014	2015	2016
<b>Total</b>					
<b>All fixed assets</b>	1,3	1,2	1,5	2,0	1,3
of which by main activity	1,4	1,4	1,6	2,0	1,3
including:					
buildings	0,7	1,1	2,2	0,8	1,4
constructions	0,6	0,7	0,4	0,7	0,9
machinery and equipment	2,1	1,7	1,9	3,6	1,7
<b>Agriculture, forestry and fishing</b>					
<b>All fixed assets</b>	0,4	0,6	0,4	0,5	0,5
of which by main activity	1,0	1,5	0,8	0,5	0,5
including:					
buildings	0,5	0,5	0,4	0,9	0,4
constructions	0,3	1,5	0,1	0,2	0,2
machinery and equipment	0,8	1,4	0,8	1,1	1,1
<b>Fishing and aquaculture</b>					
<b>All fixed assets</b>	2,6	0,4	0,6	0,5	15,7
of which by main activity	2,6	0,4	0,6	0,5	15,7
including:					
buildings	2,6	0,4	0,6	0,0	0,0
constructions	0,2	0,0	0,0	0,0	0,3
machinery and equipment	3,8	0,2	0,3	0,8	35,1
<b>Mining and quarrying</b>					
<b>All fixed assets</b>	1,0	1,1	0,6	4,2	0,6
of which by main activity	1,0	1,1	0,6	4,3	0,6
including:					
buildings	0,5	0,2	0,4	0,2	0,6
constructions	0,2	0,7	0,2	0,2	0,3
machinery and equipment	1,6	1,3	1,0	8,6	0,8
<b>Manufacturing</b>					
<b>All fixed assets</b>	1,3	1,1	1,3	1,3	1,1
of which by main activity	1,3	1,1	1,3	1,3	1,1
including:					
buildings	0,7	0,7	1,0	1,2	0,6
constructions	0,4	0,4	0,2	0,6	0,1
machinery and equipment	1,7	1,2	1,5	1,4	1,4
<b>Electricity, gas, steam and air conditioning</b>					
<b>All fixed assets</b>	0,6	0,7	2,1	0,8	0,7
of which by main activity	0,6	0,7	2,1	0,8	0,7
including:					
buildings	0,5	0,1	0,8	0,2	0,4
constructions	0,3	0,2	0,2	1,0	0,6
machinery and equipment	0,8	1,2	0,6	0,7	0,7

Continuation					
	2012	2013	2014	2015	2016
<b>Construction</b>					
<b>All fixed assets</b>	3,3	1,8	2,9	2,4	3,3
of which by main activity	3,3	1,8	2,9	2,4	3,3
including:					
buildings	0,6	0,7	2,2	2,1	3,0
constructions	1,2	0,4	1,3	0,2	1,1
machinery and equipment	5,7	2,2	3,4	3,2	3,7
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>All fixed assets</b>	2,4	3,3	2,5	0,8	0,7
of which by main activity	2,4	3,3	2,5	0,9	0,7
including:					
buildings	1,6	3,6	1,1	0,6	2,0
constructions	1,1	1,8	0,5	1,0	0,3
machinery and equipment	3,5	3,2	3,9	0,8	1,5
<b>Accommodation and food services</b>					
<b>All fixed assets</b>	1,1	0,6	0,8	0,7	1,6
of which by main activity	1,1	0,6	0,8	0,8	1,7
including:					
buildings	0,3	0,1	0,0	0,3	0,9
constructions	0,0	0,0	1,0	1,5	0,7
machinery and equipment	1,7	2,3	1,5	2,4	2,9
<b>Transportation and storage</b>					
<b>All fixed assets</b>	0,8	0,8	1,6	0,7	3,0
of which by main activity	0,8	0,8	1,6	0,7	3,0
including:					
buildings	0,1	1,2	1,5	0,7	18,5
constructions	0,2	0,7	0,4	0,1	2,3
machinery and equipment	1,7	1,0	3,0	1,3	1,8
<b>Information and communication</b>					
<b>All fixed assets</b>	3,3	2,5	5,0	6,0	4,6
of which by main activity	3,3	2,5	5,0	6,0	4,6
including:					
buildings	0,8	0,4	4,9	1,9	0,6
constructions	3,8	1,1	1,7	8,3	0,3
machinery and equipment	2,9	3,1	5,9	5,0	6,4
<b>Financial and insurance activities</b>					
<b>All fixed assets</b>	7,6	3,6	4,0	2,3	2,8
of which by main activity	7,8	3,6	4,0	2,3	2,8
including:					
buildings	0,8	1,5	0,9	0,3	1,3
constructions	90,1	0,1	5,0	5,8	0,5
machinery and equipment	7,8	6,3	9,0	6,1	5,1
<b>Real estate activities</b>					
<b>All fixed assets</b>	0,2	0,5	0,5	0,6	1,4
of which by main activity	0,8	2,3	2,1	0,6	1,4
including:					
buildings	0,5	2,0	1,3	0,5	1,4
constructions	0,6	0,4	2,3	0,1	0,6
machinery and equipment	1,9	4,8	3,7	1,5	1,6

Continuation					
	2012	2013	2014	2015	2016
<b>Public administration and defense; compulsory social security</b>					
<b>All fixed assets</b>	1,9	2,7	4,0	2,5	1,9
of which by main activity	1,9	2,7	4,0	2,5	1,9
including:					
buildings	1,8	3,3	11,6	3,4	2,0
constructions	0,2	1,1	0,8	2,3	1,1
machinery and equipment	4,1	3,8	3,6	1,9	2,8
<b>Institutions and educational organizations</b>					
<b>All fixed assets</b>	1,3	1,2	1,4	1,0	1,3
of which by main activity	1,3	1,2	1,4	1,0	1,3
including:					
buildings	0,3	0,5	0,3	0,2	0,5
constructions	0,5	2,0	2,3	2,1	0,1
machinery and equipment	2,4	1,5	2,5	2,2	2,8
<b>Healthcare organizations</b>					
<b>All fixed assets</b>	1,2	1,0	1,0	1,7	1,3
of which by main activity	1,2	1,0	1,0	1,7	1,3
including:					
buildings	0,6	0,3	0,2	1,2	0,4
constructions	0,2	0,4	0,1	2,2	1,5
machinery and equipment	1,8	1,7	1,8	2,6	2,3
<b>Other service activities</b>					
<b>All fixed assets</b>	2,3	2,0	6,8	2,2	1,4
of which by main activity	2,3	2,0	6,8	2,2	1,4
including:					
buildings	0,1	0,5	0,1	0,3	0,4
constructions	0,4	0,3	0,2	0,0	0,1
machinery and equipment	2,6	4,4	8,1	3,3	2,2

## 9. Depreciation degree by types of fixed assets in the context of economic activities

### 9.1 Depreciation degree of fixed assets

	in percent				
	2012	2013	2014	2015	2016
<b>Total</b>					
<b>All fixed assets</b>	36,3	38,9	43,7	36,0	34,2
of which by main activity	40,3	42,7	47,1	36,0	34,2
including:					
buildings	29,8	28,3	29,2	21,7	20,7
constructions	37,5	41,4	46,5	40,0	38,8
machinery and equipment	47,4	50,0	54,5	48,7	42,0
<b>Agriculture, forestry and fishing</b>					
<b>All fixed assets</b>	16,0	17,6	20,2	17,3	16,5
of which by main activity	34,2	36,3	37,9	17,3	16,5
including:					
buildings	25,8	28,5	29,9	28,9	31,7
constructions	26,8	23,9	35,3	38,0	36,4
machinery and equipment	40,4	43,6	44,8	47,1	46,5
<b>Fishing and aquaculture</b>					
<b>All fixed assets</b>	35,4	24,0	23,7	26,0	23,1
of which by main activity	35,4	24,0	23,7	26,0	23,1
including:					
buildings	40,5	27,1	39,1	21,3	22,1
constructions	47,0	66,7	59,9	27,8	34,5
machinery and equipment	40,9	16,2	19,1	20,8	21,0
<b>Mining and quarrying</b>					
<b>All fixed assets</b>	55,1	55,7	59,9	63,7	55,6
of which by main activity	55,1	55,7	59,9	64,0	55,6
including:					
buildings	42,8	44,8	47,6	53,3	54,8
constructions	48,1	49,9	55,8	60,1	56,9
machinery and equipment	64,1	64,1	65,8	73,1	54,0
<b>Manufacturing</b>					
<b>All fixed assets</b>	37,3	38,9	40,6	41,1	38,3
of which by main activity	37,3	38,9	40,6	41,1	38,3
including:					
buildings	27,3	31,1	31,2	30,8	28,7
constructions	34,9	36,0	38,1	35,4	30,1
machinery and equipment	41,2	42,4	45,1	45,6	45,3
<b>Electricity, gas, steam and air conditioning</b>					
<b>All fixed assets</b>	34,2	37,5	30,6	31,2	30,1
of which by main activity	34,2	37,5	30,6	31,2	30,1
including:					
buildings	29,4	40,8	18,7	20,4	17,8
constructions	36,2	40,4	36,7	37,1	33,6
machinery and equipment	35,3	35,2	25,4	27,4	27,1

Continuation					
	2012	2013	2014	2015	2016
<b>Construction</b>					
<b>All fixed assets</b>	36,6	42,5	43,8	46,3	45,4
of which by main activity	36,6	42,5	43,8	46,2	45,4
including:					
buildings	23,0	32,3	30,7	30,4	33,2
constructions	34,7	32,4	38,5	42,3	43,7
machinery and equipment	45,1	49,5	50,3	51,2	49,4
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>All fixed assets</b>	34,0	35,3	36,8	11,1	7,7
of which by main activity	34,0	35,3	36,8	11,0	7,6
including:					
buildings	33,2	29,7	29,9	22,5	13,3
constructions	33,0	32,0	35,6	17,2	15,4
machinery and equipment	40,9	38,2	42,7	16,9	7,2
<b>Accommodation and food services</b>					
<b>All fixed assets</b>	33,1	29,3	29,8	26,1	29,1
of which by main activity	33,1	29,3	29,8	25,5	28,5
including:					
buildings	31,0	22,9	25,1	21,6	23,6
constructions	27,5	32,6	22,6	27,7	22,1
machinery and equipment	47,5	48,5	35,0	43,4	43,2
<b>Transportation and storage</b>					
<b>All fixed assets</b>	26,4	27,3	24,3	24,5	23,6
of which by main activity	26,4	27,3	24,3	24,5	23,6
including:					
buildings	27,8	23,8	22,7	24,4	18,9
constructions	24,6	25,5	22,2	20,0	19,7
machinery and equipment	29,3	30,2	27,2	30,5	30,4
<b>Information and communication</b>					
<b>All fixed assets</b>	44,5	44,5	58,1	53,4	55,6
of which by main activity	44,5	44,5	58,1	53,4	55,6
including:					
buildings	27,2	26,6	25,5	24,8	27,1
constructions	30,2	31,3	33,0	35,7	35,8
machinery and equipment	49,6	49,8	63,3	57,4	61,3
<b>Financial and insurance activities</b>					
<b>All fixed assets</b>	33,5	30,0	28,1	35,0	25,3
of which by main activity	33,5	30,0	28,1	35,0	25,3
including:					
buildings	14,5	10,0	9,9	23,1	12,5
constructions	34,9	18,0	48,1	18,2	35,8
machinery and equipment	58,7	58,3	56,2	57,8	55,1
<b>Real estate activities</b>					
<b>All fixed assets</b>	8,1	7,0	8,4	8,5	8,6
of which by main activity	36,9	31,7	34,3	8,2	8,3
including:					
buildings	32,8	26,4	30,4	5,3	5,3
constructions	37,3	37,2	43,6	25,6	28,0
machinery and equipment	53,0	49,8	47,5	46,3	48,8

					Continuation
	2012	2013	2014	2015	2016
<b>Public administration and defense; compulsory social security</b>					
<b>All fixed assets</b>	35,9	32,5	34,8	29,7	30,8
of which by main activity	35,9	32,5	34,8	29,7	30,8
including:					
buildings	33,7	23,1	26,0	29,5	25,5
constructions	30,8	28,8	29,5	27,3	27,2
machinery and equipment	46,5	45,3	51,2	33,7	36,9
<b>Institutions and educational organizations</b>					
<b>All fixed assets</b>	35,1	30,9	35,4	35,6	35,7
of which by main activity	35,1	30,9	35,4	35,6	35,7
including:					
buildings	31,9	30,8	31,5	31,2	30,6
constructions	28,6	27,5	23,4	26,7	36,7
machinery and equipment	50,9	32,9	53,4	56,8	58,2
<b>Healthcare organizations</b>					
<b>All fixed assets</b>	31,4	32,1	37,9	36,1	37,2
of which by main activity	31,4	32,1	37,9	36,0	37,1
including:					
buildings	21,5	22,8	29,8	18,2	26,1
constructions	27,4	30,0	36,3	32,5	30,7
machinery and equipment	40,9	41,7	46,9	48,7	48,2
<b>Other service activities</b>					
<b>All fixed assets</b>	41,9	32,8	51,8	27,7	29,5
of which by main activity	41,9	32,8	51,8	27,2	29,4
including:					
buildings	22,6	17,8	22,8	13,0	15,4
constructions	31,7	40,6	58,9	15,6	25,5
machinery and equipment	41,4	55,4	60,3	43,3	41,5

## 10. Intangible assets

### 10.1 Availability of intangible assets

million tenge

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Republic of Kazakhstan</b>	8 223	10 105	41 500	44 380	58 974	78 109	87 224	97 336	125 044	201 089
Akmolinskaya	181	15	42	119	563	689	348	263	341	524
Aktubinskaya	325	91	110	427	842	1 251	1 959	2 684	4 287	5 081
Almatinskaya	153	275	195	507	567	753	822	733	1 056	1 282
Atyrauskaya	3 779	4 289	4 554	7 562	12 233	12 378	12 388	13 205	11 729	10 764
Zapadno-Kazakhstanskaya	13	77	250	55	63	99	326	269	411	67 317
Zhambylskaya	25	22	118	3 596	856	1 064	113	102	117	422
Karagandinskaya	136	203	668	1 212	1 947	2 343	2 500	2 406	2 883	2 664
Kostanaiskaya	143	129	217	641	445	170	221	357	390	487
Kyzylordinskaya	566	166	990	12 563	12 748	13 472	15 428	13 541	16 146	22 356
Mangistauskaya	121	1 786	4 270	3 790	6 964	15 384	16 478	17 520	18 102	12 380
Yuzhno-Kazakhstanskaya	574	712	395	581	610	719	851	1 007	1 087	1 232
Pavlodarskaya	221	310	275	245	710	618	569	504	3 024	2 291
Severo-Kazakhstanskaya	136	42	305	308	232	265	350	167	227	332
Vostochno-Kazakhstanskaya	225	486	578	2 917	3 022	3 144	4 262	7 171	7 122	7 067
Astana city	-	322	127	798	2 040	2 809	3 938	10 327	14 632	24 647
Almaty city	1 625	1 180	28 406	9 059	15 132	22 951	26 671	27 080	43 490	42 243

Continuation

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Republic of Kazakhstan</b>	241 247	295 903	374 093	476 894	844 667	709 094	738 064	1 029 607	997 478	1 290 819	1 821 622
Akmo-linskaya	1 050	1 329	1 946	4 318	13 199	3 794	4 301	6 487	7 370	10 031	39 905
Aktubinskaya	3 947	4 807	23 476	10 822	12 369	6 613	18 352	19 499	53 155	64 881	39 022
Almatinskaya	2 744	3 179	2 936	3 409	5 111	5 917	7 988	9 771	11 285	16 896	33 357
Atyrauskaya	46 813	48 310	49 488	51 335	57 520	62 638	79 981	102 300	118 880	264 740	452 479
Zapadno-Kazakhstanskaya	63 951	61 602	85 413	94 672	94 172	94 066	77 655	33 357	39 951	41 331	71 944
Zhambylskaya	554	882	963	1 053	2 152	2 261	4 116	6 430	12 581	12 232	13 867
Karagandinskaya	4 363	6 597	7 000	9 339	11 554	64 740	16 443	34 490	22 096	25 913	27 966
Kostanaiskaya	1 835	3 923	4 726	5 260	6 557	7 201	8 012	10 678	10 063	12 294	20 016
Kyzylordinskaya	23 051	33 824	30 487	32 263	35 600	35 871	36 974	36 153	34 950	41 547	60 432
Mangistauskaya	6 921	15 588	16 152	24 829	62 097	51 964	48 561	70 376	62 793	40 233	64 801

Continuation											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Yuzhno-Kazakhstanskaya	2 233	6 236	6 236	6 640	5 503	6 223	6 940	8 449	9 609	11 673	15 032
Pavlodarskaya	3 137	3 417	3 028	2 662	3 725	4 410	5 829	6 752	8 796	10 541	13 851
Severo-Kazakhstanskaya	1 035	748	1 314	2 735	10 705	13 457	13 035	5 411	7 388	12 233	13 163
Vostochno-Kazakhstanskaya	6 595	7 190	12 221	13 155	30 031	31 889	38 611	33 213	80 176	92 536	79 922
Astana city	24 823	30 781	31 311	54 034	68 254	92 165	130 944	385 087	246 243	295 170	374 899
Almaty city	48 195	67 490	97 396	160 368	426 118	225 885	240 322	261 154	272 142	338 567	500 966

## 10.2 Availability of intangible assets by types of\*

million tenge

	2009	2010	2011	2012	2013	2014	2015	2016
License agreements	47 541	76 649	90 109	98 135	110 166	164 887	182 112	269 913
Software	163 951	241 387	280 047	242 973	291 806	316 492	360 033	473 388
Patents	466	805	856	1 473	1 888	1 723	2 032	2 0700
Organizational costs	25 352	49 318	47 591	78 681	78 685	87 728	66 353	111 530
Goodwill	14 037	12 673	13 851	4 624	6 220	9 147	10 133	11 487
Other	205 526	174 617	190 774	280 509	203 266	358 809	268 024	543 172

\* Without the value of intangible assets of small enterprises.

## 10.3 Availability of intangible assets by type of activity of enterprises at the end of 2016

million tenge

	License agreements	Software	Patents	Goodwill	Other
Mining and quarrying	22 273	49 565	130		130 364
Manufacturing	34 301	24 362	366	936	41 938
Electricity, gas, steam and air conditioning	1 415	8 737			2 114
Transportation and storage	1 575	18 785		883	38 319

## Brief methodological explanations

Fixed assets: Tangible and intangible non-cash assets used in the production or supply of goods, provision of market and non-market services, for rental or administrative purposes, and meet the following requirements:

- it is supposed to use them for more than a year;

- there is a likelihood that such assets are associated with future economic benefits;

- the cost of the asset can be measured reliably.

**Tangible fixed assets (fixed assets):** Non-monetary assets that have tangible form, including real estate (land, buildings, structures and other objects related to land), machinery and equipment, which are used subject to the production or supply of goods and services for renting to other entities, or for administrative purposes and to be used for more than one year.

The basis for drawing up the balance of fixed assets and the calculation of its indicators is a variety of information material.

Thus, data on fixed assets of large and medium-sized commercial organizations, as well as fixed assets of non-profit organizations are given according to the statistical form «Statement of fixed assets» (code 11, annual periodicity), data on fixed assets of small enterprises engaged in entrepreneurial activity - according to data of the statistical form «Report on the activity of small enterprises» (index 2-MP, annual periodicity), data on the fixed assets of individuals used for the production of products and services - according to a sample survey of peasant (farm) enterprises.

Results of the indexations conducted (revaluations), during which the value of fixed assets brought in line with current prices in the reporting period, and considered in the original and carrying (deduction of depreciation) value of fixed assets in accordance with the acting regulations.

The original value - is the value actually incurred costs for the construction and acquisition of fixed assets, including paid, non-refundable taxes and fees, as well as the costs of delivery, installation, commissioning and any other costs directly attributable to bringing the asset to a working condition for its intended use,

as well as the value of fixed assets at current market prices on a specific date.

Carrying value - is the amount at which an asset is recognized in the balance after deducting accumulated depreciation of the entire asset.

**Building:** The facility, built for permanent purposes, consisting of bearing and protecting or combined (bearing and protecting) constructions intended to stay, stay of people or animals, the storage of objects, depending on the functional purpose of the object.

**Construction:** Engineering construction object (other than a building), the purpose of which is to create the conditions necessary for the implementation of the production process by making certain technical functions that are not associated with a change in the subject of work or to perform a variety of non-production functions.

**Machinery and equipment:** A device that converts the energy, materials and information. Depending on the main (dominant) purpose, machinery and equipment are divided into different categories.

**Coefficient of liquidation (disposal) of fixed assets** characterizes the reproduction of fixed assets. Defined as the ratio of disposed fixed assets for the year to their availability at the beginning of the year.

**Coefficient of renewal of fixed assets** reflects the share of the newly introduced fixed assets in their availability for the end of the year.

**Depreciation of fixed assets** - is the systematic allocation of costs on the amortized cost of the asset during its estimated useful life.

**Depreciation degree** - the ratio of depreciation of fixed assets to the original cost of fixed assets.

**Intangible fixed assets (intangible assets):** Non-monetary assets without physical nature, are intended for use over a long period (more than one year) in the production or sale of goods (works, services), for administrative purposes and leasing of other entities that :

- can be determined;
- can be controlled by entity;
- the use of which the subject expects to receive economic benefits in the future.

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