



# Fixed assets of Kazakhstan

2013-2017



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

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**2013-2017**

**Statistical collection**

**Astana 2018**

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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 2013-2017 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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## Content

1. Fixed assets .....	5
2. Fixed assets by ownership types .....	18
3. Fixed assets by dimension of enterprises .....	23
4. Fixed assets by economic activity .....	25
5. Fixed assets of large and medium-sized enterprises .....	36
6. Structure of fixed assets by main activity.....	47
7. Coefficient of renewal by types of fixed assets in the context of economic activities.....	50
8. Coefficient of liquidation of fixed assets by types of fixed assets in the context of economic activities.....	53
9. Depreciation degree by types of fixed assets in the context of economic activities.....	56
10. Intangible assets.....	59

## 1. Fixed assets

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

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	2 730 985	2 717 160	2 879 651	3 401 831	4 004 036	4 882 552	5 707 379
Akmola	131 531	117 391	112 292	114 945	104 485	138 702	157 114
Aktobe	121 318	170 619	178 787	190 572	213 095	284 508	375 829
Almaty	126 294	118 866	124 585	136 893	127 792	167 500	199 561
Atyrau	218 999	263 434	304 237	499 024	773 314	902 384	998 870
Batys Kazakhstan	81 328	81 166	88 129	88 267	90 324	105 020	111 517
Zhambyl	152 197	109 629	111 457	110 105	88 496	128 482	135 291
Karagandy	376 471	362 946	369 637	389 768	428 879	496 915	539 534
Kostanai	177 094	182 752	183 895	193 600	180 563	222 423	239 212
Kyzylorda	78 082	88 563	99 591	108 236	100 176	143 140	179 061
Mangistau	111 133	121 975	137 556	260 419	352 871	405 120	464 521
Ontustik Kazakhstan	146 675	141 176	136 123	141 175	158 964	176 854	195 964
Pavlodar	283 873	257 768	259 757	257 900	237 155	302 397	330 381
Softustik Kazakhstan	127 108	106 304	90 845	86 277	102 902	115 291	124 017
Shygys Kazakhstan	233 785	252 671	245 688	245 835	266 419	314 035	389 086
Astana city	122 871	80 253	139 271	251 323	351 301	437 477	568 446
Almaty city	242 226	261 647	297 801	327 492	427 300	542 304	698 975

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	6 628 313	7 573 663	11 477 671	13 943 019	17 630 061	22 359 227	26 396 858
Akmola	179 357	194 997	276 608	362 095	472 813	738 183	834 269
Aktobe	466 022	582 484	849 110	988 942	1 144 149	1 346 730	1 800 713
Almaty	260 292	302 819	464 669	540 524	792 114	955 902	1 119 326
Atyrau	1 074 624	1 134 340	1 816 060	2 455 494	3 108 051	3 699 536	4 000 862
Batys Kazakhstan	129 495	573 616	1 018 851	1 093 010	1 316 698	1 836 729	1 854 748
Zhambyl	149 936	167 572	232 312	274 415	339 106	384 145	498 319
Karagandy	647 202	727 663	990 285	1 077 234	1 341 298	1 543 919	1 644 442
Kostanai	272 237	240 625	348 217	443 192	570 670	715 556	931 813
Kyzylorda	220 499	261 501	366 936	432 699	584 073	741 412	992 788
Mangistau	492 445	436 186	656 071	900 428	1 066 976	1 361 787	2 111 530
Ontustik Kazakhstan	222 297	255 635	406 518	515 368	645 331	862 615	1 126 805
Pavlodar	353 262	385 815	630 608	797 002	1 220 326	1 225 451	1 418 940
Softustik Kazakhstan	137 534	155 689	225 637	293 122	385 713	473 556	535 270
Shygys Kazakhstan	422 764	439 368	630 045	722 984	931 432	1 044 332	1 346 651
Astana city	674 296	703 361	993 274	1 111 210	1 516 999	2 241 768	2 089 306
Almaty city	926 051	1 011 992	1 572 470	1 935 300	2 194 312	3 187 606	4 091 076

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	29 399 975	34 018 024	39 673 580	50 714 352	66 594 199	77 147 531	83 784 367
Akmola	899 290	1 021 811	920 481	1 051 686	1 192 872	1 442 168	1 814 670
Aktobe	2 058 141	2 353 292	2 718 886	3 188 029	3 644 890	4 010 405	4 531 037
Almaty	1 204 304	1 511 426	1 789 355	1 978 780	2 902 343	2 845 968	3 087 202
Atyrau	4 222 539	4 743 719	6 605 843	10 266 082	14 003 197	20 044 981	21 094 559
Batys Kazakhstan	2 105 049	2 227 600	1 954 161	2 379 447	3 980 547	4 860 004	4 806 978
Zhambyl	600 033	686 101	849 318	1 023 553	1 176 177	1 231 486	1 488 524
Karagandy	1 896 112	2 079 741	2 354 692	2 707 468	3 230 867	3 708 548	3 991 258
Kostanai	1 033 699	1 148 892	1 308 337	1 508 414	1 698 915	1 948 313	2 095 079
Kyzylorda	1 063 848	1 277 812	1 533 848	2 281 873	2 831 848	3 042 824	3 023 110
Mangistau	2 336 639	2 365 574	2 887 689	3 294 280	3 856 917	4 178 621	4 554 078
Ontustik Kazakhstan	1 361 412	1 669 616	1 764 331	2 032 587	2 440 530	2 895 718	3 360 130
Pavlodar	1 616 706	1 757 098	2 011 321	2 478 516	2 761 881	3 200 355	3 729 977
Soltustik Kazakhstan	577 290	631 823	672 086	771 086	888 345	1 046 584	1 091 478
Shygyz Kazakhstan	1 554 283	1 778 865	2 016 052	2 296 687	2 570 025	2 709 674	3 361 284
Astana city	2 500 182	3 393 779	4 628 555	6 552 634	10 943 431	9 877 908	10 810 524
Almaty city	4 370 448	5 370 875	5 658 625	6 903 230	8 471 414	10 103 974	10 944 479

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

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	1 761 426	1 846 728	1 925 842	2 392 138	2 677 564	3 413 271	3 870 034
Akmola	78 682	72 132	68 552	69 304	61 973	90 862	101 103
Aktobe	78 239	101 489	107 110	117 197	137 864	189 291	267 726
Almaty	86 418	90 258	91 355	95 327	88 614	123 873	129 166
Atyrau	177 410	207 242	228 249	394 659	568 543	717 566	662 273
Batys Kazakhstan	58 039	59 800	64 622	63 775	59 711	68 358	68 171
Zhambyl	91 073	72 981	73 344	69 513	53 921	86 352	88 448
Karagandy	235 831	231 459	223 395	235 498	261 517	284 618	315 743
Kostanai	111 609	138 342	132 009	132 023	116 784	129 259	133 262
Kyzylorda	49 738	60 876	69 211	68 681	70 108	93 330	126 541
Mangistau	65 251	71 234	84 151	212 355	240 059	317 821	353 877
Ontustik Kazakhstan	98 116	100 105	96 013	98 149	94 977	122 841	132 689
Pavlodar	166 579	146 539	147 000	147 299	142 837	171 008	188 450
Soltustik Kazakhstan	82 175	76 573	65 347	58 984	57 450	59 958	62 365
Shygyz Kazakhstan	139 689	153 058	151 896	163 461	178 783	179 999	242 707
Astana city	76 935	64 798	99 138	201 896	253 393	380 655	484 394
Almaty city	165 642	199 842	224 450	264 017	291 030	397 702	513 119

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	4 295 701	4 766 318	6 818 396	8 677 326	11 104 460	13 890 132	17 813 864
Akmola	112 548	122 073	172 304	240 691	330 592	555 341	604 150
Aktobe	319 854	395 714	515 071	608 634	716 933	851 515	1 228 289
Almaty	151 033	200 288	256 812	357 041	554 413	689 106	837 211
Atyrau	597 403	441 148	768 787	1 252 597	1 643 794	2 111 354	2 334 701
Batys Kazakhstan	74 911	464 315	664 221	682 715	853 359	1 016 699	1 227 242
Zhambyl	90 547	95 854	128 576	150 194	203 748	235 186	343 577
Karagandy	377 535	438 706	561 818	648 108	640 931	897 410	1 005 845

Continuation

	2004	2005	2006	2007	2008	2009	2010
Kostanai	149 474	150 433	274 029	342 103	435 396	523 464	634 665
Kyzylorda	151 195	169 892	189 227	236 394	352 701	464 357	635 212
Mangistau	368 604	296 270	463 778	635 748	774 273	964 524	1 354 198
Ontustik Kazakhstan	148 863	159 798	245 943	330 775	461 108	534 661	774 890
Pavlodar	194 524	241 095	354 647	486 486	771 196	742 209	919 658
Soltustik Kazakhstan	68 704	83 567	121 429	177 024	251 558	292 035	345 584
Shygys Kazakhstan	258 479	230 594	354 757	429 266	572 395	634 545	933 560
Astana city	557 048	529 625	620 175	671 486	949 494	1 066 821	1 590 597
Almaty city	674 979	746 946	1 126 822	1 428 064	1 592 570	2 310 905	3 044 485

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	18 987 159	21 650 482	24 227 973	28 576 730	42 621 033	50 732 329	54 956 604
Akmola	626 068	698 595	605 129	721 725	790 402	994 782	1 251 562
Aktobe	1 368 575	1 493 424	1 671 846	1 909 443	2 130 694	2 342 806	2 606 181
Almaty	934 051	1 183 929	1 392 756	1 523 971	2 193 675	2 247 156	2 381 004
Atyrau	1 641 631	1 761 537	1 716 307	2 206 142	7 846 664	13 507 377	13 881 147
Batys Kazakhstan	1 358 890	1 370 851	1 376 484	1 660 469	2 335 020	2 871 593	3 196 304
Zhambyl	432 543	477 425	600 339	720 088	832 884	870 166	1 069 077
Karagandy	1 157 061	1 256 532	1 430 235	1 624 343	1 867 043	2 233 615	2 345 595
Kostanai	688 317	743 869	813 453	908 258	1 001 070	1 198 206	1 268 974
Kyzylorda	693 498	814 568	955 690	1 364 372	1 603 577	1 655 418	1 563 005
Mangistau	1 450 679	1 471 963	1 691 894	1 597 741	1 838 668	1 979 126	2 267 210
Ontustik Kazakhstan	982 523	1 248 447	1 322 847	1 446 118	1 748 649	2 063 034	2 447 118
Pavlodar	1 065 696	1 101 528	1 262 559	1 647 971	1 821 678	2 251 134	2 572 332
Soltustik Kazakhstan	373 867	402 123	437 664	509 456	589 562	703 304	773 022
Shygys Kazakhstan	1 083 603	1 247 420	1 411 635	1 545 991	1 701 228	1 762 852	2 321 854
Astana city	1 844 004	2 381 516	3 392 841	4 407 111	8 355 273	7 071 731	7 393 569
Almaty city	3 286 153	3 996 755	4 146 294	4 783 531	5 964 946	6 980 029	7 618 650

### 1.3 Entry and acquisition of new fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	99 364	178 819	229 859	470 985	528 673	614 485	812 497
Akmola	2 103	1 266	4 399	4 668	11 450	8 832	11 324
Aktobe	2 773	8 321	12 820	21 250	36 351	72 416	121 082
Almaty	1 371	4 693	6 728	16 624	12 314	23 858	25 239
Atyrau	18 273	35 749	35 665	187 163	87 645	118 888	100 677
Batys Kazakhstan	2 221	2 720	8 358	3 904	8 380	9 938	8 717
Zhambyl	1 512	1 373	3 607	2 195	4 498	3 933	9 870
Karagandy	14 344	19 661	16 689	21 058	37 680	36 522	59 089
Kostanai	5 531	6 672	5 812	12 075	12 472	12 884	16 203
Kyzylorda	2 487	8 626	12 643	6 017	14 021	34 685	37 780
Mangistau	8 044	12 400	16 813	34 436	45 183	50 719	50 190
Ontustik Kazakhstan	2 251	4 571	6 476	9 643	22 054	14 738	18 495
Pavlodar	7 153	6 374	13 462	15 131	21 608	17 022	22 237
Soltustik Kazakhstan	2 243	3 350	4 518	8 281	5 190	7 711	8 445
Shygys Kazakhstan	6 523	8 227	16 338	25 011	24 480	33 934	29 471
Astana city	5 267	24 595	22 020	60 836	104 740	54 070	135 219
Almaty city	17 268	30 221	43 511	42 693	80 607	114 335	158 459



Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	872 560	1 295 718	1 778 991	2 435 425	3 270 485	3 600 285	3 621 707
Akmola	18 165	22 492	27 198	54 884	99 654	281 493	122 711
Aktobe	75 356	113 715	128 059	145 862	271 159	240 980	341 451
Almaty	26 806	49 612	71 613	103 097	196 089	178 434	185 601
Atyrau	95 829	155 189	449 841	637 092	602 382	361 109	252 430
Batys Kazakhstan	15 208	122 298	64 087	80 626	97 059	128 589	180 353
Zhambyl	9 658	16 391	16 045	20 396	53 402	56 493	66 682
Karagandy	85 698	90 523	87 996	106 113	195 974	191 697	161 325
Kostanai	25 434	36 956	42 080	90 027	155 462	148 998	159 474
Kyzylorda	42 822	51 800	50 499	72 342	121 165	153 324	126 754
Mangistau	60 265	84 637	136 836	203 988	292 621	305 104	312 604
Ontustik Kazakhstan	28 282	45 476	69 886	93 030	141 402	149 558	207 516
Pavlodar	23 748	40 296	63 381	130 754	146 527	126 374	139 977
Soltustik Kazakhstan	14 437	24 755	27 417	49 762	77 457	69 836	72 306
Shygys Kazakhstan	34 443	53 035	61 740	81 765	141 307	120 395	135 927
Astana city	108 123	130 645	133 030	145 594	231 955	226 384	319 966
Almaty city	208 286	257 898	349 283	420 093	446 870	861 517	836 630

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	3 952 607	4 621 290	4 980 253	5 537 485	10 914 129	7 712 912	8 305 731
Akmola	103 700	132 635	110 939	122 812	151 487	164 698	276 621
Aktobe	282 511	306 108	409 703	350 488	499 163	391 940	483 068
Almaty	237 379	251 005	307 979	271 877	397 073	428 848	395 566
Atyrau	208 314	408 951	270 388	603 513	3 709 231	1 241 427	1 355 050
Batys Kazakhstan	341 375	168 395	186 346	357 217	1 616 837	827 724	244 543
Zhambyl	120 826	94 391	135 466	159 788	150 991	172 302	195 121
Karagandy	159 918	275 568	271 966	350 901	252 562	398 302	344 735
Kostanai	189 761	191 990	172 417	208 056	183 034	165 335	197 378
Kyzylorda	125 061	188 323	152 530	196 439	278 385	272 474	181 759
Mangistau	302 127	340 072	495 496	509 173	453 341	394 528	592 151
Ontustik Kazakhstan	266 301	369 628	278 120	343 740	395 707	329 044	354 075
Pavlodar	204 257	169 339	217 048	133 968	212 935	466 681	489 428
Soltustik Kazakhstan	91 963	98 406	89 355	93 025	111 777	119 549	118 289
Shygys Kazakhstan	259 607	213 347	252 749	276 960	293 337	276 926	661 180
Astana city	505 633	699 043	813 628	785 521	998 784	1 058 103	1 188 038
Almaty city	553 874	714 089	816 123	774 007	1 209 485	1 005 031	1 228 729

## 1.4 Liquidation and disposal of fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	66 323	54 741	62 378	61 595	60 675	46 177	43 987
Akmola	6 702	4 165	4 276	2 254	7 904	1 664	855
Aktobe	2 104	2 515	3 790	2 944	1 746	3 380	1 303
Almaty	3 918	3 652	2 246	2 840	3 535	2 036	1 633
Atyrau	2 052	2 055	5 117	10 285	4 778	7 509	8 469
Batys Kazakhstan	1 772	1 954	1 165	1 562	2 538	932	1 218
Zhambyl	2 584	3 351	1 531	2 057	1 303	744	1 072
Karagandy	10 281	6 270	9 805	3 669	3 809	3 269	4 342

Continuation

	1997	1998	1999	2000	2001	2002	2003
Kostanai	8 341	6 293	5 998	5 638	3 259	2 307	2 031
Kyzylorda	1 117	1 896	1 871	1 424	960	1 065	1 141
Mangistau	1 260	2 203	1 951	2 249	3 125	1 851	1 976
Ontustik Kazakhstan	2 930	2 120	3 110	3 435	3 224	1 552	1 775
Pavlodar	3 859	4 894	5 547	2 911	3 070	3 716	2 991
Soltustik Kazakhstan	4 630	2 691	2 396	1 799	835	929	1 209
Shygys Kazakhstan	5 035	5 170	3 177	4 331	4 523	4 046	3 412
Astana city	5 705	1 056	3 430	6 263	2 150	2 391	3 933
Almaty city	4 033	4 456	6 968	7 934	13 916	8 786	6 627

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	62 032	104 392	147 122	243 649	240 121	290 737	398 753
Akmola	936	4 830	1 668	1 685	6 440	13 896	5 606
Aktobe	3 181	3 642	4 072	11 666	8 241	16 103	16 180
Almaty	2 612	5 795	5 282	35 112	28 163	12 227	16 824
Atyrau	5 591	15 503	10 955	10 249	21 964	13 814	127 136
Batys Kazakhstan	1 571	3 521	1 908	3 778	7 444	3 109	7 019
Zhambyl	4 198	1 591	1 536	1 529	12 577	4 054	6 336
Karagandy	8 155	21 225	11 280	70 888	17 079	18 020	43 058
Kostanai	1 924	2 152	5 241	5 539	4 472	8 194	9 841
Kyzylorda	1 029	929	1 350	2 286	6 333	4 683	6 532
Mangistau	2 210	4 965	30 865	21 485	11 555	69 753	21 194
Ontustik Kazakhstan	1 872	1 997	5 581	9 377	11 799	14 998	13 454
Pavlodar	2 734	6 796	4 328	5 764	6 431	5 491	8 201
Soltustik Kazakhstan	1 268	1 709	1 756	3 179	6 951	2 590	8 261
Shygys Kazakhstan	4 116	7 370	11 155	12 593	9 363	13 857	11 440
Astana city	7 459	2 753	8 556	10 978	26 423	33 314	29 253
Almaty city	13 176	19 614	41 589	37 541	54 886	56 634	68 418

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	310 995	384 972	400 150	604 430	1 181 921	830 085	1 069 684
Akmola	9 250	10 066	5 903	15 366	11 996	16 812	18 846
Aktobe	17 759	23 316	42 492	26 929	25 384	31 353	32 886
Almaty	13 692	22 373	13 482	59 739	43 975	50 654	46 056
Atyrau	56 995	37 893	49 058	36 356	57 019	223 518	389 328
Batys Kazakhstan	5 603	24 618	5 918	7 868	529 195	7 596	8 157
Zhambyl	3 116	6 777	13 667	5 856	7 720	7 462	12 465
Karagandy	15 019	15 704	19 940	30 188	24 984	52 848	66 287
Kostanai	6 525	12 578	16 638	12 099	15 658	13 168	24 932
Kyzylorda	5 645	9 750	17 623	39 393	19 013	12 541	57 818
Mangistau	37 640	22 429	23 337	31 890	50 417	82 075	66 176
Ontustik Kazakhstan	12 104	11 316	16 564	14 993	32 777	19 746	22 688
Pavlodar	13 582	11 420	12 633	17 383	22 065	30 442	29 464
Soltustik Kazakhstan	3 186	4 085	5 782	7 008	4 958	5 171	6 009
Shygys Kazakhstan	8 377	10 007	19 448	20 746	33 538	26 410	21 726
Astana city	29 221	56 387	51 075	155 834	89 535	98 522	107 857
Almaty city	73 281	106 253	86 590	122 782	213 687	151 767	158 989

## 1.5 Coefficient of renewal of fixed assets

in percent

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	4,1	7,4	8,0	13,8	13,2	12,6	14,2
Akmola	1,4	2,0	3,9	4,1	11,0	6,4	7,2
Aktobe	2,5	5,2	7,2	11,2	17,1	25,5	32,2
Almaty	1,5	4,9	5,4	12,1	9,6	14,2	12,6
Atyrau	8,6	14,1	11,7	37,5	11,3	13,2	10,1
Batys Kazakhstan	3,3	3,8	9,5	4,4	9,3	9,5	7,8
Zhambyl	1,2	1,4	3,2	2,0	5,1	3,1	7,3
Karagandy	4,3	6,2	4,5	5,4	8,8	7,3	11,0
Kostanai	3,7	4,4	3,2	6,2	6,9	5,8	6,8
Kyzylorda	3,9	12,0	12,7	5,6	14,0	24,2	21,1
Mangistau	7,8	11,0	12,2	13,2	12,8	12,5	10,8
Ontustik Kazakhstan	2,2	4,7	4,8	6,8	13,9	8,3	9,4
Pavlodar	2,7	2,6	5,2	5,9	9,1	5,6	6,7
Soltustik Kazakhstan	2,4	2,9	5,0	9,6	5,0	6,7	6,8
Shygys Kazakhstan	3,3	3,6	6,6	10,2	9,2	10,8	7,6
Astana city	4,2	25,7	15,8	24,9	29,8	12,4	23,8
Almaty city	7,5	12,8	14,6	13,0	18,9	21,1	22,7

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	13,2	17,1	15,5	17,5	18,6	16,1	13,7
Akmola	10,1	11,5	9,8	15,2	21,1	38,1	14,7
Aktobe	16,2	19,5	15,1	14,7	23,7	17,9	19,0
Almaty	10,3	16,4	15,4	19,1	24,8	18,7	16,6
Atyrau	8,9	13,7	24,8	25,9	19,4	9,8	6,3
Batys Kazakhstan	11,7	21,3	6,3	7,4	7,4	7,0	9,7
Zhambyl	6,4	9,8	6,9	7,4	15,7	14,7	13,4
Karagandy	13,2	12,4	8,9	9,9	14,6	12,4	9,8
Kostanai	9,3	15,4	12,1	20,3	27,2	20,8	17,1
Kyzylorda	19,4	19,8	13,8	16,7	20,7	20,7	12,8
Mangistau	12,2	19,4	20,9	22,7	27,4	22,4	14,8
Ontustik Kazakhstan	12,7	17,8	17,2	18,1	21,9	17,3	18,4
Pavlodar	6,7	10,4	10,1	16,4	12,0	10,3	9,9
Soltustik Kazakhstan	10,5	15,9	12,2	17,0	20,1	14,7	13,5
Shygys Kazakhstan	8,1	12,1	9,8	11,3	15,2	11,5	10,1
Astana city	16,0	18,6	13,4	13,1	15,3	10,1	15,3
Almaty city	22,5	25,5	22,2	21,7	20,4	27,0	20,5

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	13,4	13,6	12,6	10,9	16,4	10,0	9,9
Akmola	11,5	13,0	12,1	11,7	12,7	11,4	15,2
Aktobe	13,7	13,0	15,1	11,0	13,7	9,8	10,7
Almaty	19,7	16,6	17,2	13,7	13,7	15,1	12,8
Atyrau	4,9	8,6	4,1	5,9	26,5	6,2	6,4
Batys Kazakhstan	16,2	7,5	9,5	15,0	40,6	17,0	5,1
Zhambyl	20,1	13,7	15,9	15,6	12,8	14,0	13,1
Karagandy	8,4	13,2	11,5	13,0	7,8	10,7	8,6

Continuation

	2011	2012	2013	2014	2015	2016	2017
Kostanai	18,4	16,7	13,2	13,8	10,8	8,5	9,4
Kyzylorda	11,8	14,7	9,9	8,6	9,8	9,0	6,0
Mangistau	12,9	14,4	17,2	15,5	11,8	9,4	13,0
Ontustik Kazakhstan	19,6	22,1	15,8	16,9	16,2	11,4	10,5
Pavlodar	12,6	9,6	10,8	5,4	7,7	14,6	13,1
Soltustik Kazakhstan	15,9	15,6	13,3	12,1	12,6	11,4	10,8
Shygys Kazakhstan	16,7	12,0	12,5	12,1	11,4	10,2	19,7
Astana city	20,2	20,6	17,6	12,0	9,1	10,7	11,0
Almaty city	12,7	13,3	14,4	11,2	14,3	9,9	11,2

### 1.6 Coefficient of liquidation of fixed assets

in percent

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	3,1	2,6	2,3	2,0	1,7	1,1	0,9
Akmola	5,9	3,9	3,6	2,0	7,8	1,6	0,6
Aktobe	2,3	1,7	2,2	1,6	1,0	1,6	0,5
Almaty	6,1	5,3	1,9	2,3	2,9	1,6	1,0
Atyrau	1,1	1,0	1,9	2,9	0,7	1,0	0,9
Batys Kazakhstan	2,9	3,2	1,4	1,8	3,3	1,0	1,2
Zhambyl	2,2	4,4	1,4	1,8	1,4	0,8	0,8
Karagandy	3,3	2,0	2,7	1,0	1,0	0,8	0,9
Kostanai	5,1	4,3	3,3	3,1	2,1	1,3	0,9
Kyzylorda	2,4	3,0	2,1	1,4	1,1	1,1	0,8
Mangistau	1,4	2,0	1,6	1,1	1,0	0,5	0,5
Ontustik Kazakhstan	3,2	2,4	2,2	2,5	2,3	1,0	1,0
Pavlodar	1,5	2,2	2,2	1,2	1,4	1,6	1,0
Soltustik Kazakhstan	5,0	3,5	2,6	2,6	1,1	0,9	1,0
Shygys Kazakhstan	2,9	2,7	1,3	1,8	1,8	1,5	1,1
Astana city	4,7	2,5	2,7	3,0	0,7	0,6	0,9
Almaty city	2,4	2,4	2,7	2,5	3,7	2,1	1,2

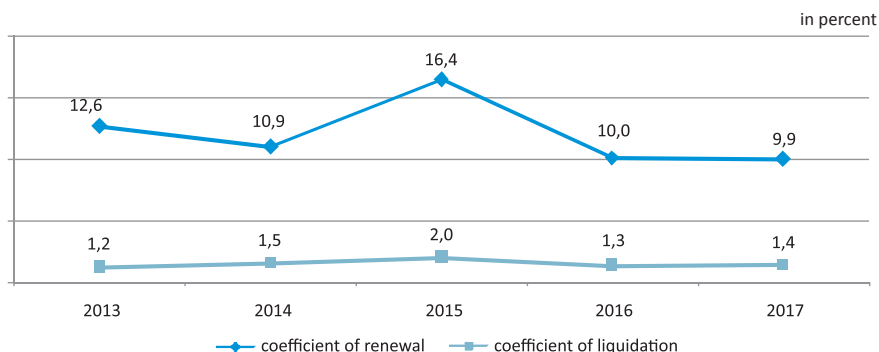
Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	1,1	1,7	1,6	2,1	1,7	1,6	1,7
Akmola	0,6	2,9	0,7	0,6	1,7	3,0	0,7
Aktobe	0,8	0,9	0,6	1,4	0,9	1,4	1,0
Almaty	1,3	2,4	1,5	7,7	4,5	1,5	1,7
Atyrau	0,6	1,6	0,8	0,6	0,8	0,4	3,4
Batys Kazakhstan	1,4	0,8	0,2	0,4	0,7	0,2	0,4
Zhambyl	3,1	1,3	0,8	0,6	4,3	1,2	1,4
Karagandy	1,5	3,4	1,3	7,1	1,6	1,3	2,9
Kostanai	0,8	1,2	1,8	1,6	1,0	1,4	1,2
Kyzylorda	0,6	0,5	0,4	0,6	1,4	0,8	0,8
Mangistau	0,5	1,6	5,9	3,3	1,4	5,8	1,2
Ontustik Kazakhstan	1,0	1,1	1,8	2,3	2,2	2,3	1,4
Pavlodar	0,8	2,1	0,9	0,9	0,7	0,5	0,6
Soltustik Kazakhstan	1,0	1,4	0,9	1,4	2,2	0,6	1,7
Shygys Kazakhstan	1,1	2,0	2,1	2,0	1,3	1,5	1,0
Astana city	1,3	0,5	1,0	1,1	2,0	2,3	1,6
Almaty city	1,9	2,5	3,4	2,5	3,1	2,3	2,0

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	1,2	1,3	1,2	1,5	2,0	1,3	1,4
Akmola	1,2	1,1	0,6	1,8	1,1	1,4	1,3
Aktobe	1,0	1,1	1,8	1,0	0,8	0,9	0,8
Almaty	1,3	1,8	0,9	3,4	1,7	2,1	1,6
Atyrau	1,4	0,9	1,1	0,5	0,4	1,8	2,0
Batys Kazakhstan	0,3	1,2	0,3	0,4	18,1	0,2	0,2
Zhambyl	0,7	1,1	2,0	0,7	0,7	0,7	1,0
Karagandy	0,9	0,9	1,0	1,3	0,9	1,6	1,8
Kostanai	0,7	1,3	1,5	0,9	1,0	0,8	1,3
Kyzylorda	0,6	0,9	1,4	2,5	0,8	0,5	2,0
Mangistau	1,9	1,1	1,0	1,2	1,4	2,2	1,6
Ontustik Kazakhstan	1,1	0,8	1,1	0,8	1,5	0,8	0,8
Pavlodar	1,0	0,7	0,7	0,9	0,9	1,1	0,9
Soltustik Kazakhstan	0,6	0,7	0,9	1,0	0,6	0,6	0,6
Shygys Kazakhstan	0,6	0,7	1,1	1,0	1,4	1,0	0,8
Astana city	1,4	2,0	1,5	3,1	1,0	1,1	1,1
Almaty city	1,9	2,3	1,8	2,1	2,9	1,7	1,7

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



### 1.7 Depreciation degree of fixed assets

	1997	1998	1999	2000	2001	2002	2003
<b>Republic of Kazakhstan</b>	35,5	32,0	33,1	29,7	33,1	30,1	32,2
Akmola	38,3	38,5	39,0	39,7	40,7	34,5	35,6
Aktobe	35,5	40,5	40,1	38,5	35,3	33,5	28,8
Almaty	31,6	24,1	26,7	30,4	30,7	26,0	35,3
Atyrau	19,0	21,3	25,0	20,9	26,5	20,5	33,7
Batys Kazakhstan	28,6	26,3	26,7	27,7	33,9	34,9	38,9
Zhambyl	40,1	33,4	34,2	36,9	39,1	32,8	34,6
Karagandy	37,4	36,2	39,6	39,6	39,0	42,7	41,5
Kostanai	37,0	24,3	28,2	31,8	35,3	41,9	44,3
Kyzylorda	36,3	31,3	30,5	36,5	30,0	34,8	29,3

Continuation

	1997	1998	1999	2000	2001	2002	2003
Mangistau	41,3	41,6	38,8	18,5	32,0	21,5	23,8
Ontustik Kazakhstan	33,1	29,1	29,5	30,5	40,3	30,5	32,3
Pavlodar	41,3	43,2	43,4	42,9	39,8	43,4	43,0
Soltustik Kazakhstan	37,6	30,7	28,1	31,6	44,2	48,0	49,7
Shygys Kazakhstan	40,2	39,4	38,2	33,5	32,9	42,8	37,6
Astana city	37,4	19,3	28,8	19,7	27,9	13,0	14,8
Almaty city	31,6	23,6	24,6	19,4	31,9	26,7	26,6

Continuation

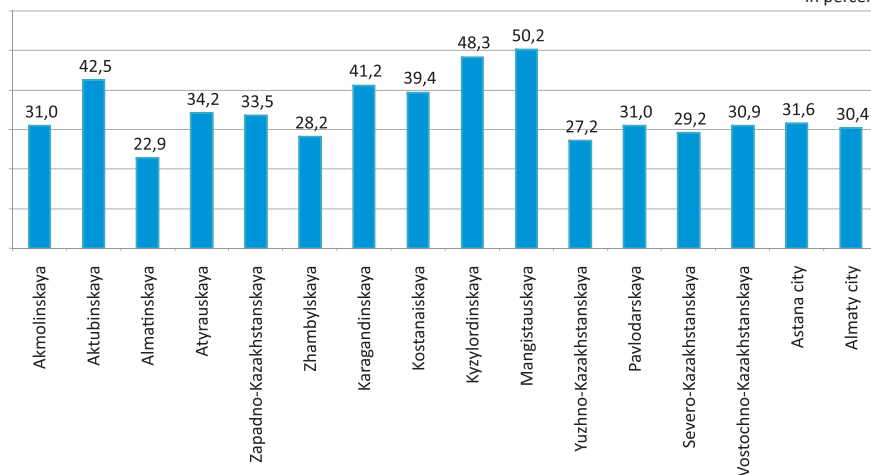
	2004	2005	2006	2007	2008	2009	2010
<b>Republic of Kazakhstan</b>	35,2	37,1	40,6	37,8	37,0	37,9	32,5
Akmola	37,2	37,4	37,7	33,5	30,1	24,8	27,6
Aktobe	31,4	32,1	39,3	38,5	37,3	36,8	31,8
Almaty	42,0	33,9	44,7	33,9	30,0	27,9	25,2
Atyrau	44,4	61,1	57,7	49,0	47,1	42,9	41,6
Batys Kazakhstan	42,2	19,1	34,8	37,5	35,2	44,6	33,8
Zhambyl	39,6	42,8	44,7	45,3	39,9	38,8	31,1
Karagandy	41,7	39,7	43,3	39,8	52,2	41,9	38,8
Kostanai	45,1	37,5	21,3	22,8	23,7	26,8	31,9
Kyzylorda	31,4	35,0	48,4	45,4	39,6	37,4	36,0
Mangistau	25,1	32,1	29,3	29,4	27,4	29,2	35,9
Ontustik Kazakhstan	33,0	37,5	39,5	35,8	28,5	38,0	31,2
Pavlodar	44,9	37,5	43,8	39,0	36,8	39,4	35,2
Soltustik Kazakhstan	50,0	46,3	46,2	39,6	34,8	38,3	35,4
Shygys Kazakhstan	38,9	47,5	43,7	40,6	38,5	39,2	30,7
Astana city	17,4	24,7	37,6	39,6	37,4	52,4	23,9
Almaty city	27,1	26,2	28,3	26,2	27,4	27,5	25,6

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	35,4	36,3	38,9	43,7	36,0	34,2	34,4
Akmola	30,4	31,6	34,3	31,4	33,7	31,0	31,0
Aktobe	33,5	36,5	38,5	40,1	41,5	41,6	42,5
Almaty	22,4	21,7	22,2	23,0	24,4	21,0	22,9
Atyrau	61,1	62,9	74,0	78,5	44,0	32,6	34,2
Batys Kazakhstan	35,4	38,5	29,6	30,2	41,3	40,9	33,5
Zhambyl	27,9	30,4	29,3	29,6	29,2	29,3	28,2
Karagandy	39,0	39,6	39,3	40,0	42,2	39,8	41,2
Kostanai	33,4	35,2	37,8	39,8	41,1	38,5	39,4
Kyzylorda	34,8	36,2	37,7	40,2	43,4	45,6	48,3
Mangistau	37,9	37,8	41,4	51,5	52,3	52,6	50,2
Ontustik Kazakhstan	27,8	25,2	25,0	28,9	28,3	28,8	27,2
Pavlodar	34,1	37,3	37,2	33,5	34,0	29,7	31,0
Soltustik Kazakhstan	35,2	36,3	34,9	33,9	33,6	32,8	29,2
Shygys Kazakhstan	30,3	29,9	30,0	32,7	33,8	34,9	30,9
Astana city	26,2	29,8	26,7	32,7	23,7	28,4	31,6
Almaty city	24,8	25,6	26,7	30,7	29,6	30,9	30,4

## 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

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	39 673 580	50 714 352	66 594 199	77 147 531	83 784 367
Akmola	920 481	1 051 686	1 192 872	1 442 168	1 814 670
Aktobe	2 718 886	3 188 029	3 644 890	4 010 405	4 531 037
Almaty	1 789 355	1 978 780	2 902 343	2 845 968	3 087 202
Atyrau	6 605 843	10 266 082	14 003 197	20 044 981	21 094 559
Batys Kazakhstan	1 954 161	2 379 447	3 980 547	4 860 004	4 806 978
Zhambyl	849 318	1 023 553	1 176 177	1 231 486	1 488 524
Karagandy	2 354 692	2 707 468	3 230 867	3 708 548	3 991 258
Kostanai	1 308 337	1 508 414	1 698 915	1 948 313	2 095 079
Kyzylorda	1 533 848	2 281 873	2 831 848	3 042 824	3 023 110
Mangistau	2 887 689	3 294 280	3 856 917	4 178 621	4 554 078
Ontustik Kazakhstan	1 764 331	2 032 587	2 440 530	2 895 718	3 360 130
Pavlodar	2 011 321	2 478 516	2 761 881	3 200 355	3 729 977
Soltustik Kazakhstan	672 086	771 086	888 345	1 046 584	1 091 478
Shygys Kazakhstan	2 016 052	2 296 687	2 570 025	2 709 673	3 361 284
Astana city	4 628 555	6 552 634	10 943 431	9 877 908	10 810 524
Almaty city	5 658 625	6 903 230	8 471 414	10 103 974	10 944 479

## Agriculture, forestry and fishing

in percent

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	4,6	3,8	3,9	4,1	4,3
Akmola	28,9	24,4	23,2	26,1	24,3
Aktobe	0,8	0,8	0,8	3,6	3,7
Almaty	7,2	6,7	5,7	14,8	14,9
Atyrau	0,1	0,1	0,1	0,3	0,3
Batys Kazakhstan	0,7	0,6	0,4	3,0	3,5
Zhambyl	1,8	2,4	2,1	14,5	13,3
Karagandy	1,5	1,8	1,6	6,0	6,1
Kostanai	13,6	13,0	12,7	14,3	14,2
Kyzylorda	0,7	3,2	2,8	5,5	5,9
Mangistau	0,1	0,1	0,1	0,8	0,9
Ontustik Kazakhstan	3,1	3,9	3,3	13,0	13,6
Pavlodar	1,4	1,1	1,3	4,6	4,5
Soltustik Kazakhstan	27,9	25,7	25,2	27,6	31,8
Shygyz Kazakhstan	2,2	2,5	2,6	10,8	9,4
Astana city	0,1	0,1	0,1	0,0	0,1
Almaty city	0,1	0,1	0,1	0,2	0,2

## Mining and quarrying

in percent

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	23,3	22,2	25,3	28,5	24,6
Akmola	6,9	6,9	6,8	4,6	4,5
Aktobe	62,8	56,1	54,6	51,0	48,4
Almaty	6,6	0,8	0,6	0,4	0,4
Atyrau	43,9	34,6	47,8	47,7	34,8
Batys Kazakhstan	70,8	69,2	80,3	76,1	73,3
Zhambyl	3,9	3,8	2,2	4,2	4,1
Karagandy	10,4	11,2	9,8	9,5	10,2
Kostanai	32,8	30,4	30,1	25,0	24,6
Kyzylorda	57,3	42,0	37,4	35,8	36,9
Mangistau	56,9	59,7	57,2	55,6	57,0
Ontustik Kazakhstan	14,2	14,6	13,1	11,8	10,7
Pavlodar	9,6	7,8	7,4	6,0	5,5
Soltustik Kazakhstan	0,9	0,6	0,5	0,4	0,4
Shygyz Kazakhstan	6,1	5,7	19,3	13,5	25,1
Astana city	0,7	8,2	5,7	11,9	11,7
Almaty city	1,0	0,7	1,2	1,9	0,7

## Manufacturing

in percent

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	9,3	8,2	7,4	8,0	8,5
Akmola	9,0	9,0	10,6	13,2	15,8
Aktobe	6,0	5,3	8,9	11,1	9,7
Almaty	17,4	19,7	15,5	12,4	13,7
Atyrau	2,2	1,5	2,0	1,9	1,8
Batys Kazakhstan	3,3	2,8	2,0	2,3	2,8
Zhambyl	16,7	15,6	15,2	11,9	11,3



	Continuation				
	2013	2014	2015	2016	2017
Karagandy	37,2	33,6	38,6	34,8	34,2
Kostanai	6,9	9,8	10,0	9,8	9,4
Kyzylorda	2,7	2,0	1,7	1,4	1,4
Mangistau	3,6	4,1	4,9	7,4	5,3
Ontustik Kazakhstan	15,8	15,2	15,9	12,5	15,4
Pavlodar	30,4	26,2	27,4	35,3	38,4
Soltustik Kazakhstan	8,1	7,5	8,3	6,8	6,8
Shygys Kazakhstan	38,6	37,3	23,2	19,5	16,3
Astana city	3,0	2,7	1,7	2,2	3,0
Almaty city	4,9	4,4	4,2	3,9	4,6

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

in percent

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	6,3	6,6	5,5	5,2	5,1
Akmola	7,5	6,9	6,0	4,6	3,7
Aktobe	3,8	4,4	4,0	4,9	4,8
Almaty	5,4	5,3	4,0	3,5	3,3
Atyrau	1,2	1,0	0,9	0,7	0,7
Batys Kazakhstan	2,5	2,1	1,4	1,5	1,8
Zhambyl	15,4	17,9	19,2	8,3	8,0
Karagandy	11,3	13,7	12,5	12,7	11,0
Kostanai	9,1	11,1	10,4	9,8	9,5
Kyzylorda	2,5	1,9	2,6	2,4	2,3
Mangistau	6,8	6,9	5,9	3,2	3,6
Ontustik Kazakhstan	4,0	4,1	3,9	6,9	6,1
Pavlodar	35,8	41,6	39,3	31,5	28,5
Soltustik Kazakhstan	9,1	12,5	12,4	10,6	10,6
Shygys Kazakhstan	10,5	10,0	9,4	8,9	7,7
Astana city	4,6	4,2	2,7	3,6	3,4
Almaty city	5,6	6,6	6,0	5,3	5,9

#### Construction

in percent

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	3,2	2,8	2,3	1,8	2,1
Akmola	1,3	2,1	1,8	1,3	1,5
Aktobe	2,2	2,1	1,8	1,2	1,4
Almaty	4,1	3,5	3,2	3,6	3,4
Atyrau	1,6	1,4	1,3	1,0	1,1
Batys Kazakhstan	2,3	2,4	1,1	1,1	1,3
Zhambyl	3,0	2,6	2,3	1,9	1,4
Karagandy	2,9	3,1	2,8	2,1	2,1
Kostanai	2,4	2,6	1,7	1,2	1,0
Kyzylorda	4,0	3,4	2,0	1,8	1,5
Mangistau	6,2	3,5	3,2	1,5	5,6
Ontustik Kazakhstan	7,3	5,7	5,2	3,5	3,4
Pavlodar	4,3	4,6	4,8	1,5	1,6
Soltustik Kazakhstan	1,1	1,9	1,3	0,9	1,1
Shygys Kazakhstan	1,9	1,8	1,9	1,3	1,3

Continuation

	2013	2014	2015	2016	2017
Astana city	5,7	3,1	2,9	2,6	2,7
Almaty city	3,9	4,6	3,0	2,8	2,7

**Transportation and storage**

in percent

	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	14,2	12,6	11,8	11,3	11,2
Akmola	16,7	13,5	14,0	14,9	18,4
Aktobe	8,0	10,5	9,4	7,0	10,1
Almaty	14,3	17,5	11,0	9,9	5,6
Atyrau	11,3	8,1	8,7	6,3	6,0
Batys Kazakhstan	5,3	8,4	5,0	3,7	3,6
Zhambyl	18,1	17,1	15,9	13,6	18,6
Karagandy	13,7	13,7	12,2	10,3	11,9
Kostanai	9,4	7,1	9,3	11,2	12,6
Kyzylorda	8,4	5,8	5,2	10,0	9,1
Mangistau	8,4	10,8	9,3	10,7	6,6
Ontustik Kazakhstan	9,6	9,5	11,3	8,6	8,4
Pavlodar	4,3	3,5	3,8	3,9	5,8
Soltustik Kazakhstan	17,6	18,4	16,0	17,3	8,8
Shygys Kazakhstan	11,3	10,8	10,1	6,5	5,8
Astana city	20,8	13,9	9,2	10,2	8,7
Almaty city	37,8	33,8	37,1	31,9	33,4

## 2. Fixed assets by ownership types

### 2.1 Fixed assets by ownership types

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Total</b>	2 730 985	2 717 160	2 879 651	3 401 831	4 004 036	4 882 552	5 707 379
including:							
state ownership	674 111	657 258	727 186	642 307	754 526	655 654	788 393
private ownership	1 767 445	1 801 163	1 866 373	2 485 478	2 870 861	3 741 574	4 350 822
ownership of other countries, their legal entities and citizens	289 429	258 739	286 092	274 046	378 649	485 324	568 164

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	6 628 313	7 573 663	11 477 671	13 943 019	17 630 061	22 359 227	26 396 858
including:							
state ownership	870 558	1 022 834	1 323 861	1 365 808	1 838 264	2 427 471	3 143 970
private ownership	5 058 040	5 217 740	7 865 531	10 226 990	12 809 435	16 096 264	19 067 353
ownership of other countries, their legal entities and citizens	699 715	1 333 089	2 288 279	2 350 221	2 982 362	3 835 492	4 185 535

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	29 399 975	34 018 024	39 673 580	50 714 352	66 594 199	77 147 531	83 784 367
including:							
state ownership	4 017 963	4 969 966	5 992 300	8 044 763	15 326 921	11 847 887	13 571 017
private ownership	20 965 314	24 056 279	26 866 416	31 862 767	38 523 532	43 832 578	47 812 827
ownership of other countries, their legal entities and citizens	4 416 698	4 991 779	6 814 864	10 806 822	12 743 746	21 467 066	22 400 523

### 2.2 Entry and acquisition of new fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Total</b>	99 364	178 819	229 859	470 985	528 673	614 485	812 497
including:							
state ownership	18 485	33 346	44 865	69 494	129 352	95 597	115 171
private ownership	74 684	127 243	168 206	387 426	339 408	457 247	613 355
ownership of other countries, their legal entities and citizens	6 195	18 230	16 788	14 065	59 913	61 641	83 971

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	872 560	1 295 718	1 778 991	2 435 425	3 270 485	3 600 285	3 621 707
including:							
state ownership	106 629	152 101	169 120	240 167	385 318	477 450	530 191
private ownership	645 406	883 274	1 217 876	1 781 448	2 531 616	2 659 573	2 629 740
ownership of other countries, their legal entities and citizens	120 525	260 343	391 995	413 810	353 552	463 262	461 776

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	3 952 607	4 621 290	4 980 253	5 537 485	10 914 129	7 712 912	8 305 731
including:							
state ownership	696 175	959 717	993 062	1 326 940	2 360 203	1 382 334	1 538 310
private ownership	2 675 828	3 109 434	3 235 197	3 388 587	4 200 661	4 607 859	5 161 147
ownership of other countries, their legal entities and citizens	580 604	552 139	751 994	821 958	4 353 265	1 722 719	1 606 274

### 2.3 Liquidation and disposal of fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Total</b>	66 323	54 741	62 378	61 595	60 675	46 177	43 987
including:							
state ownership	19 530	16 009	21 931	14 268	16 624	10 906	8 554
private ownership	43 090	34 868	37 898	45 411	41 119	31 439	31 084
ownership of other countries, their legal entities and citizens	3 703	3 864	2 549	1 916	2 932	3 832	4 349

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	62 032	104 392	147 122	243 649	240 121	290 737	398 753
including:							
state ownership	8 937	14 693	16 940	23 716	38 043	43 871	47 815
private ownership	45 623	78 323	110 202	204 386	166 331	215 950	282 852
ownership of other countries, their legal entities and citizens	7 472	11 376	19 980	15 547	35 747	30 916	68 086

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	310 995	384 972	400 150	604 430	1 181 921	830 085	1 069 684
including:							
state ownership	53 490	61 831	89 652	171 383	174 008	169 463	214 463
private ownership	203 822	233 852	222 509	321 348	371 359	502 249	642 313
ownership of other countries, their legal entities and citizens	53 683	89 289	87 989	111 699	636 554	158 373	212 908

## 2.4 Coefficient of renewal of fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Total</b>	4,1	7,4	8,0	13,8	13,2	12,6	14,2
including:							
state ownership	2,7	5,1	6,6	10,8	17,1	14,6	14,6
private ownership	5,3	7,1	9,8	15,6	11,8	12,2	14
ownership of other countries, their legal entities and citizens	2,1	7,0	5,9	5,1	15,8	12,7	14,8

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	13,2	17,1	15,5	17,5	18,6	16,1	13,7
including:							
state ownership	12,2	14,9	12,8	17,6	21,0	19,7	16,9
private ownership	12,8	16,9	15,5	17,4	19,8	16,5	13,8
ownership of other countries, their legal entities and citizens	17,2	19,5	17,1	17,6	11,9	12,1	11,0

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	13,4	13,6	12,6	10,9	16,4	10,0	9,9
including:							
state ownership	17,3	19,3	16,6	16,5	15,4	11,7	11,3
private ownership	12,8	12,9	12,0	10,6	10,9	10,5	10,8
ownership of other countries, their legal entities and citizens	13,1	11,1	11,0	7,6	34,2	8,0	7,2

## 2.5 Coefficient of liquidation of fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Total</b>	3,1	2,6	2,3	2,0	1,7	1,1	0,9
including:							
state ownership	3,2	2,6	2,5	2,3	2,6	2,1	1,4
private ownership	3,3	2,0	2,5	2,1	1,6	1,0	0,8
ownership of other countries, their legal entities and citizens	1,7	1,5	0,9	0,7	1,0	1,0	0,9

Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	1,1	1,7	1,6	2,1	1,7	1,6	1,7
including:							
state ownership	1,2	1,7	1,5	2,2	2,6	2,3	1,8
private ownership	1,0	1,9	1,7	2,5	2,0	1,6	1,7
ownership of other countries, their legal entities and citizens	1,3	1,1	1,1	0,8	1,5	1,0	1,8

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	1,2	1,3	1,2	1,5	2,0	1,3	1,4
including:							
state ownership	1,6	1,5	1,9	2,8	1,2	1,6	1,8
private ownership	1,1	1,1	0,9	1,2	1,1	1,3	1,5
ownership of other countries, their legal entities and citizens	1,4	2,0	2,0	1,5	5,0	1,2	1,0

## 2.6 Depreciation degree of fixed assets

million tenge

	1997	1998	1999	2000	2001	2002	2003
<b>Total</b>	35,5	32,0	33,1	29,7	33,1	30,1	32,7
including:							
state ownership	41,6	38,1	36,9	37,4	38,1	35,5	33,1
private ownership	41,2	38,9	34,6	29,3	29,8	25,9	32,1
ownership of other countries, their legal entities and citizens	50,5	46,7	34,7	36,2	36,7	36,5	36,2

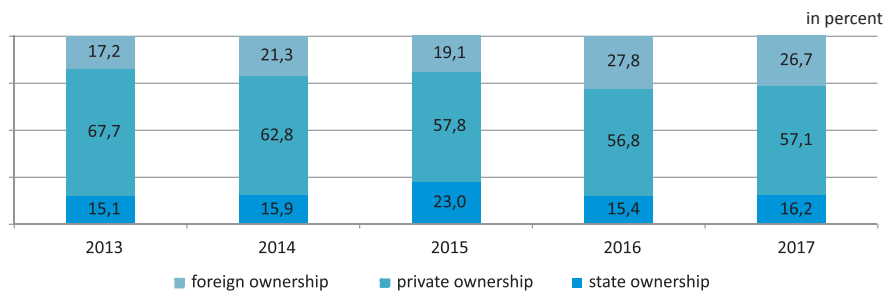
Continuation

	2004	2005	2006	2007	2008	2009	2010
<b>Total</b>	33,5	37,1	40,6	37,8	37,0	37,9	32,5
including:							
state ownership	33,2	38,0	39,1	35,7	31,2	31,9	33,5
private ownership	33,4	39,3	40,2	38,1	36,7	37,5	30,0
ownership of other countries, their legal entities and citizens	34,3	27,6	42,8	37,7	42,1	43,3	43,1

Continuation

	2011	2012	2013	2014	2015	2016	2017
<b>Total</b>	35,4	36,3	38,9	43,7	36,0	34,2	34,4
including:							
state ownership	33,2	35,2	32,1	34,7	23,0	33,0	34,1
private ownership	33,8	34,6	35,7	37,6	42,9	38,4	38,7
ownership of other countries, their legal entities and citizens	45,0	46,2	57,5	68,0	30,6	26,3	25,3

### 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

	2013	2014	2015	2016	2017
<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	25,0	32,9	43,0	41,8	41,6
medium-sized enterprises with number of 51 to 250 people	18,6	9,8	9,9	13,9	14,0
large enterprises with number over 251 people	56,4	57,3	47,1	44,3	44,4

#### 3.2 Entry and acquisition of fixed assets

in percent

	2013	2014	2015	2016	2017
<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	33,3	45,9	59,4	47,4	46,6
medium-sized enterprises with number of 51 to 250 people	21,8	13,6	10,5	14,2	13,6
large enterprises with number over 251 people	44,9	40,5	30,1	38,4	39,8

#### 3.3 Liquidation and disposal of fixed assets

in percent

	2013	2014	2015	2016	2017
<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	18,1	36,2	61,1	22,7	30,6
medium-sized enterprises with number of 51 to 250 people	28,1	16,0	6,5	32,3	33,4
large enterprises with number over 251 people	53,8	47,8	32,4	45,0	36,0

#### 3.4 Coefficient of renewal of fixed assets

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	12,6	10,9	16,4	10,0	9,9
including:					
small enterprises with number of 1 to 50 people	16,7	15,2	22,6	11,3	11,1
medium-sized enterprises with number of 51 to 250 people	14,8	15,1	17,3	10,2	9,6
large enterprises with number over 251 people	10,0	7,7	10,5	8,7	8,9



### 3.5 Coefficient of liquidation of fixed assets

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	1,2	1,5	2,0	1,3	1,4
including:					
small enterprises with number of 1 to 50 people	0,8	1,6	3,3	0,8	1,0
medium-sized enterprises with number of 51 to 250 people	1,8	2,2	1,3	3,8	3,5
large enterprises with number over 251 people	1,2	1,3	1,2	1,2	1,1

### 3.6 Depreciation degree of fixed assets

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	38,9	43,7	36,0	34,2	34,4
including:					
small enterprises with number of 1 to 50 people	19,6	25,8	22,2	21,8	21,8
medium-sized enterprises with number of 51 to 250 people	33,7	36,4	34,5	25,4	26,3
large enterprises with number over 251 people	49,2	55,2	48,9	48,7	48,7

## 4. Fixed assets by economic activity

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

million tenge

	2013	2014	2015	2016	2017
All fixed assets	39 673 580	50 714 352	66 594 199	77 147 531	83 784 367
including by economic activity:					
agriculture, forestry and fishing	1 809 529	1 910 045	2 604 072	3 150 039	3 572 866
crop and animal production, hunting and related services in these spheres	1 798 110	1 896 908	2 585 368	3 128 139	3 554 751
forestry and logging	2 081	3 813	5 633	5 574	5 989
fishing and aquaculture	9 338	9 325	13 071	16 326	12 126
mining and quarrying	9 260 040	11 263 876	16 818 133	21 953 888	20 602 518
mining of coal and lignite	242 665	246 753	255 550	266 669	291 683
crude oil and natural gas	7 311 622	9 229 815	14 311 853	19 262 797	17 343 316
mining of metal ores	1 065 207	1 193 258	1 603 562	1 781 657	2 264 076
manufacturing	3 705 853	4 160 051	4 913 321	6 154 487	7 098 032
food production	321 293	361 876	411 231	454 906	539 117
beverage production	175 310	206 053	263 855	258 231	317 791
manufacture of textiles	34 493	38 277	40 306	41 472	39 834
manufacture of leather and related products	5 893	5 920	7 990	4 830	8 439
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	9 857	9 580	9 138	12 790	27 229
paper and paper products	21 743	31 411	39 880	33 335	52 269
printing and reproduction of recorded media	37 867	50 578	50 459	26 126	31 849
production of coke and refined petroleum products	260 079	332 896	454 063	616 513	925 100
manufacture of chemical products	196 016	223 374	224 009	371 113	429 064
manufacture of rubber and plastic products	64 067	74 979	85 426	93 693	123 782
metallurgy industry	1 773 111	1 841 227	2 157 620	2 762 440	3 074 733
manufacture of finished metal products, except machinery and equipment	64 024	75 402	103 104	205 030	101 062
machinery and equipment manufacturing, not classified in other categories	73 310	86 313	83 038	122 108	136 537
motor vehicles, trailers and semi-trailers	12 902	29 480	28 898	45 951	105 104
other transport equipment	49 925	66 897	75 903	146 014	82 608
furniture production	7 986	11 442	11 114	11 547	14 160
other manufacturing	14 206	23 015	23 335	19 770	20 772
electricity, gas, steam and air conditioning	2 493 149	3 359 468	3 646 547	3 993 260	4 252 083
water supply; sewerage, waste management and remediation activities	454 845	580 288	725 787	843 247	902 370

	Continuation				
	2013	2014	2015	2016	2017
collection, processing and distribution of water	373 019	485 648	627 929	722 266	807 540
construction	1 276 387	1 399 106	1 503 574	1 406 593	1 742 578
wholesale and retail trade; repair of motor vehicles and motorcycles	963 697	1 012 188	6 254 077	8 654 680	8 503 373
transportation and storage	5 649 921	6 411 873	7 880 874	8 701 158	9 375 700
accommodation and food services	179 328	218 941	306 828	349 019	398 311
information and communication	1 125 283	1 791 994	1 916 384	2 018 954	1 963 879
financial and insurance activities	538 156	581 120	712 005	970 169	785 154
real estate activities	3 322 128	3 713 664	4 241 035	4 893 153	5 496 391
professional, scientific and technical activities	2 878 794	7 250 361	5 181 189	2 585 099	5 959 871
administrative and support service activities	317 885	403 519	551 312	891 234	865 096
public administration and defense; compulsory social security	2 844 468	3 597 868	5 144 271	6 255 193	7 439 699
education	1 453 791	1 499 335	1 819 758	2 100 874	2 392 084
health care and social services	910 327	1 130 023	1 734 981	1 499 564	1 576 878
arts, entertainment and recreation	355 135	369 719	455 895	504 526	559 229
other service activities	134 864	60 914	184 156	222 393	298 256

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

	million tenge				
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	24 227 973	28 576 730	42 621 033	50 732 329	54 956 604
including by economic activity:					
agriculture, forestry and fishing	1 490 321	1 523 621	2 154 377	2 629 155	2 995 835
crop and animal production, hunting and related services in these spheres	1 481 938	1 514 790	2 141 763	2 613 799	2 984 924
forestry and logging	1 284	1 719	2 937	2 807	2 880
fishing and aquaculture	7 099	7 111	9 677	12 549	8 031
mining and quarrying	4 102 185	4 514 162	6 105 911	9 740 960	7 993 341
mining of coal and lignite	82 434	85 706	85 038	88 354	98 183
crude oil and natural gas	3 014 567	3 445 876	4 789 615	8 360 739	6 156 487
mining of metal ores	638 288	685 708	922 045	989 740	1 364 497
manufacturing	2 262 902	2 472 397	2 894 404	3 795 364	4 527 974
food production	197 747	221 765	244 477	262 932	324 356
beverage production	107 961	119 487	155 179	140 167	190 891
manufacture of textiles	25 171	26 600	29 223	29 358	26 856
manufacture of leather and related products	3 623	3 043	3 935	2 686	5 274
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	6 721	6 919	6 948	7 233	22 363
paper and paper products	14 418	19 686	24 031	23 804	35 702
printing and reproduction of recorded media	24 683	31 318	31 775	13 247	17 349
production of coke and refined petroleum products	159 662	204 610	298 772	424 874	699 933
manufacture of chemical products	150 386	168 031	177 668	283 124	313 869

	Continuation				
	2013	2014	2015	2016	2017
manufacture of rubber and plastic products	41 588	44 925	51 348	56 062	82 463
metallurgy industry	1 023 926	985 491	1 127 239	1 647 942	1 807 137
manufacture of finished metal products, except machinery and equipment	42 861	51 202	62 281	63 104	64 117
machinery and equipment manufacturing, not classified in other categories	48 516	52 457	56 962	89 426	94 660
motor vehicles, trailers and semi-trailers	9 018	24 378	22 288	34 747	73 494
other transport equipment	43 476	54 913	59 222	96 087	61 274
furniture production	4 035	7 182	6 297	7 473	9 716
other manufacturing	10 852	16 411	16 545	12 248	14 617
electricity, gas, steam and air conditioning	1 557 516	2 331 437	2 508 382	2 790 083	2 877 137
water supply; sewerage, waste management and remediation activities	342 649	430 497	558 637	612 307	625 553
collection, processing and distribution of water	291 946	369 501	495 307	532 475	571 112
construction	733 975	786 270	807 692	767 694	976 805
wholesale and retail trade; repair of motor vehicles and motorcycles	623 065	639 540	5 561 488	7 991 452	7 700 452
transportation and storage	4 108 753	4 854 694	5 950 096	6 645 585	7 098 544
accommodation and food services	126 817	153 728	226 715	247 533	270 970
information and communication	625 090	750 419	893 385	896 468	811 307
financial and insurance activities	376 568	417 989	462 626	724 409	561 275
real estate activities	3 088 509	3 402 569	3 881 263	4 474 251	4 983 813
professional, scientific and technical activities	643 691	1 689 710	3 913 528	1 765 549	4 725 345
administrative and support service activities	237 065	295 169	374 637	518 258	655 499
public administration and defense; compulsory social security	1 920 422	2 345 468	3 614 793	4 329 247	5 084 953
education	1 005 010	967 940	1 171 324	1 349 970	1 480 495
health care and social services	618 076	702 281	1 107 808	941 449	996 413
arts, entertainment and recreation	274 703	269 496	300 778	355 888	374 315
other service activities	90 656	29 343	133 189	156 707	216 578

### 4.3 Entry and acquisition of fixed assets

	million tenge				
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	4 980 253	5 537 485	10 914 129	7 712 912	8 305 731
including by economic activity:					
agriculture, forestry and fishing	624 024	605 021	756 484	548 018	837 991
crop and animal production, hunting and related services in these spheres	622 237	600 608	751 846	544 241	834 428
forestry and logging	406	337	626	349	69
fishing and aquaculture	1 381	4 076	4 012	3 428	3 494
mining and quarrying	929 010	1 175 654	2 689 188	1 908 184	1 628 481

Continuation

	2013	2014	2015	2016	2017
mining of coal and lignite	13 663	10 253	9 552	10 471	16 831
crude oil and natural gas	707 166	992 676	2 418 449	1 663 437	978 743
mining of metal ores	115 131	110 326	190 879	177 540	521 572
manufacturing	369 560	447 251	681 592	938 371	886 760
food production	36 550	34 838	45 798	40 173	44 638
beverage production	20 220	14 389	13 697	16 481	52 995
manufacture of textiles	2 610	2 228	3 809	6 223	2 024
manufacture of leather and related products	20	227	93	161	1 417
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	380	811	1 969	1 872	11 454
paper and paper products	717	3 175	6 728	2 803	8 351
printing and reproduction of recorded media	1 851	6 283	3 368	2 577	4 974
production of coke and refined petroleum products	10 901	45 453	165 420	135 774	232 638
manufacture of chemical products	15 650	20 058	50 896	50 958	43 130
manufacture of rubber and plastic products	13 793	20 499	13 564	13 323	19 772
metallurgy industry	195 744	145 671	230 878	486 451	303 199
manufacture of finished metal products, except machinery and equipment	6 084	9 203	5 591	7 803	8 875
machinery and equipment manufacturing, not classified in other categories	4 109	7 508	4 884	12 406	9 184
motor vehicles, trailers and semi-trailers	1 835	14 444	1 055	2 182	2 489
other transport equipment	7 287	3 060	4 569	27 652	845
furniture production	499	678	866	1 127	639
other manufacturing	823	1 020	1 042	981	2 386
electricity, gas, steam and air conditioning	263 858	219 300	210 648	315 111	246 283
water supply; sewerage, waste management and remediation activities	39 525	32 187	60 052	40 038	75 912
collection, processing and distribution of water	33 225	24 067	51 037	28 456	66 038
construction	154 805	186 119	161 987	195 253	277 083
wholesale and retail trade; repair of motor vehicles and motorcycles	235 620	175 821	2 681 482	253 643	189 541
transportation and storage	499 450	711 703	1 346 428	837 958	866 572
accommodation and food services	15 722	12 700	20 779	59 710	82 141
information and communication	152 961	229 446	234 721	270 776	157 710
financial and insurance activities	80 673	73 073	58 217	276 885	105 244
real estate activities	304 701	298 120	406 061	493 212	732 664
professional, scientific and technical activities	338 860	195 371	261 256	125 581	480 681
administrative and support service activities	39 058	31 184	30 618	74 008	216 388
public administration and defense; compulsory social security	562 594	786 672	939 660	934 676	1 080 082

Continuation

	2013	2014	2015	2016	2017
education	195 312	169 619	182 919	213 520	194 605
health care and social services	102 734	148 055	136 291	162 976	135 090
arts, entertainment and recreation	61 636	35 102	36 789	33 342	54 285
other service activities	10 150	5 089	18 957	31 648	58 217

#### 4.4 Liquidation and disposal of fixed assets

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	400 150	604 430	1 181 921	830 085	1 069 684
including by economic activity:					
agriculture, forestry and fishing	11 306	7 287	11 938	13 167	18 753
crop and animal production, hunting and related services in these spheres	11 267	7 212	11 867	10 768	18 652
forestry and logging	10	20	27	20	55
fishing and aquaculture	29	56	44	2 379	46
mining and quarrying	89 525	58 416	623 034	112 670	110 952
mining of coal and lignite	2 755	3 471	2 698	2 381	923
crude oil and natural gas	34 641	30 258	582 854	70 041	53 996
mining of metal ores	36 874	13 861	23 346	26 995	41 016
manufacturing	37 959	49 873	52 830	54 249	76 179
food production	3 601	4 967	4 696	4 327	3 191
beverage production	2 923	3 249	2 508	3 208	2 756
manufacture of textiles	19	8	107	174	83
manufacture of leather and related products	1 920	29	31	60	10
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	167	40	60	63	1 109
paper and paper products	42	136	570	402	441
printing and reproduction of recorded media	907	873	1 201	285	185
production of coke and refined petroleum products	2 044	6 853	3 014	1 378	11 734
manufacture of chemical products	516	1 916	2 609	1 315	2 485
manufacture of rubber and plastic products	1 326	2 316	2 661	2 856	2 145
metallurgy industry	16 468	19 657	13 687	17 469	34 147
manufacture of finished metal products, except machinery and equipment	492	543	636	656	354
machinery and equipment manufacturing, not classified in other categories	218	359	466	608	764
motor vehicles, trailers and semi-trailers	54	73	31	44	261
other transport equipment	58	23	45	54	266
furniture production	143	339	269	70	42
other manufacturing	14	103	116	270	76
electricity, gas, steam and air conditioning	11 987	52 919	27 464	24 742	38 071

	Continuation				
	2013	2014	2015	2016	2017
water supply; sewerage, waste management and remediation activities	1 919	2 116	2 264	4 863	8 383
collection, processing and distribution of water	978	1 481	1 494	2 530	1 914
construction	20 871	35 448	33 259	44 082	40 753
wholesale and retail trade; repair of motor vehicles and motorcycles	25 104	22 089	26 136	32 801	124 555
transportation and storage	40 508	87 212	45 165	232 446	294 934
accommodation and food services	1 008	1 661	1 825	4 836	5 765
information and communication	24 718	57 819	113 958	79 269	60 827
financial and insurance activities	16 405	20 165	14 980	19 898	27 502
real estate activities	15 993	18 186	21 717	17 840	15 989
professional, scientific and technical activities	12 461	14 177	28 756	22 481	15 475
administrative and support service activities	5 139	10 115	8 831	15 723	17 382
public administration and defense; compulsory social security	58 562	112 203	118 160	103 666	150 115
education	14 883	18 324	15 606	23 973	29 115
health care and social services	7 718	9 752	26 069	17 099	23 767
arts, entertainment and recreation	1 598	22 754	5 746	3 351	5 525
other service activities	2 486	3 914	4 183	2 931	5 642

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

	million tenge				
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	2 374 225	2 939 048	3 928 923	4 567 171	5 200 620
including by economic activity:					
agriculture, forestry and fishing	66 129	68 399	77 715	84 514	102 442
crop and animal production, hunting and related services in these spheres	65 524	67 814	76 952	83 033	101 412
forestry and logging	186	285	410	534	375
fishing and aquaculture	419	300	353	947	654
mining and quarrying	700 418	747 990	872 979	1 151 733	1 365 933
mining of coal and lignite	11 283	13 901	15 464	12 369	13 375
crude oil and natural gas	551 047	591 556	689 616	893 319	1 112 271
mining of metal ores	85 365	76 676	112 858	176 849	176 357
manufacturing	251 994	284 698	495 533	380 195	484 331
food production	22 921	26 146	31 270	33 287	38 578
beverage production	14 659	14 914	28 368	17 054	20 993
manufacture of textiles	1 303	1 558	1 701	3 085	2 707
manufacture of leather and related products	440	601	397	342	438
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	557	562	702	1 108	1 734
paper and paper products	1 151	1 482	1 643	2 190	2 371
printing and reproduction of recorded media	2 595	3 315	2 078	2 788	2 506

Continuation					
	2013	2014	2015	2016	2017
production of coke and refined petroleum products	22 305	27 903	30 837	39 949	65 567
manufacture of chemical products	11 810	11 367	11 737	21 648	31 280
manufacture of rubber and plastic products	4 415	6 596	7 014	8 555	9 240
metallurgy industry	116 301	123 597	291 763	151 829	194 270
manufacture of finished metal products, except machinery and equipment	5 174	6 172	7 941	7 382	9 555
machinery and equipment manufacturing, not classified in other categories	4 052	4 826	7 263	6 957	7 102
motor vehicles, trailers and semi-trailers	1 444	1 121	2 163	1 841	9 500
other transport equipment	1 783	3 479	3 728	5 044	3 656
furniture production	599	756	908	724	869
other manufacturing	787	1 071	1 136	1 019	735
electricity, gas, steam and air conditioning	96 048	136 403	153 422	242 535	191 431
water supply; sewerage, waste management and remediation activities	23 305	25 331	56 436	69 133	52 140
collection, processing and distribution of water	19 072	20 641	51 609	47 369	31 316
construction	123 423	126 710	139 743	150 612	166 806
wholesale and retail trade; repair of motor vehicles and motorcycles	83 040	90 894	119 135	160 539	382 788
transportation and storage	340 405	390 334	515 127	521 329	509 715
accommodation and food services	11 195	15 305	25 810	23 917	32 995
information and communication	93 351	174 005	192 738	126 953	133 535
financial and insurance activities	33 501	35 906	49 288	43 194	49 623
real estate activities	45 448	60 715	69 616	89 057	108 405
professional, scientific and technical activities	70 773	140 902	308 334	198 404	289 098
administrative and support service activities	20 617	33 779	40 968	52 097	55 382
public administration and defense; compulsory social security	188 495	334 068	444 412	887 758	794 719
education	106 563	131 270	168 325	179 966	236 625
health care and social services	84 731	108 000	150 062	147 689	160 566
arts, entertainment and recreation	23 847	28 325	32 830	41 069	61 929
other service activities	10 942	6 014	16 450	16 478	22 156

#### 4.6 Coefficient of renewal of fixed assets

million tenge					
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	12,6	10,9	16,4	10,0	9,9
including by economic activity:					
agriculture, forestry and fishing	34,5	31,7	29,1	17,4	23,5
crop and animal production, hunting and related services in these spheres	34,6	31,7	29,1	17,4	23,5



	Continuation				
	2013	2014	2015	2016	2017
forestry and logging	19,5	8,8	11,1	6,3	1,2
fishing and aquaculture	14,8	43,7	30,7	21,0	28,8
mining and quarrying	10,0	10,4	16,0	8,7	7,9
mining of coal and lignite	5,6	4,2	3,7	3,9	5,8
crude oil and natural gas	9,7	10,8	16,9	8,6	5,6
mining of metal ores	10,8	9,2	11,9	10,0	23,0
manufacturing	10,0	10,8	13,9	15,2	12,5
food production	11,4	9,6	11,1	8,8	8,3
beverage production	11,5	7,0	5,2	6,4	16,7
manufacture of textiles	7,6	5,8	9,5	15,0	5,1
manufacture of leather and related products	0,3	3,8	1,2	3,3	16,8
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	3,9	8,5	21,5	14,6	42,1
paper and paper products	3,3	10,1	16,9	8,4	16,0
printing and reproduction of recorded media	4,9	12,4	6,7	9,9	15,6
production of coke and refined petroleum products	4,2	13,7	36,4	22,0	25,1
manufacture of chemical products	8,0	9,0	22,7	13,7	10,1
manufacture of rubber and plastic products	21,5	27,3	15,9	14,2	16,0
metallurgy industry	11,0	7,9	10,7	17,6	9,9
manufacture of finished metal products, except machinery and equipment	9,5	12,2	5,4	3,8	8,8
machinery and equipment manufacturing, not classified in other categories	5,6	8,7	5,9	10,2	6,7
motor vehicles, trailers and semi-trailers	14,2	49,0	3,7	4,7	2,4
other transport equipment	14,6	4,6	6,0	18,9	1,0
furniture production	6,2	5,9	7,8	9,8	4,5
other manufacturing	5,8	4,4	4,5	5,0	11,5
electricity, gas, steam and air conditioning	10,6	6,5	5,8	7,9	5,8
water supply; sewerage, waste management and remediation activities	8,7	5,5	8,3	4,7	8,4
collection, processing and distribution of water	8,9	5,0	8,1	3,9	8,2
construction	12,1	13,3	10,8	13,9	15,9
wholesale and retail trade; repair of motor vehicles and motorcycles	24,4	17,4	42,9	2,9	2,2
transportation and storage	8,8	11,1	17,1	9,6	9,2
accommodation and food services	8,8	5,8	6,8	17,1	20,6
information and communication	13,6	12,8	12,2	13,4	8,0
financial and insurance activities	15,0	12,6	8,2	28,5	13,4
real estate activities	9,2	8,0	9,6	10,1	13,3
professional, scientific and technical activities	11,8	2,7	5,0	4,9	8,1

Continuation					
	2013	2014	2015	2016	2017
administrative and support service activities	12,3	7,7	5,6	8,3	25,0
public administration and defense; compulsory social security	19,8	21,9	18,3	14,9	14,5
education	13,4	11,3	10,1	10,2	8,1
health care and social services	11,3	13,1	7,9	10,9	8,6
arts, entertainment and recreation	17,4	9,5	8,1	6,6	9,7
other service activities	7,5	8,4	10,3	14,2	19,5

#### 4.7 Coefficient of liquidation of fixed assets

million tenge					
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	1,2	1,5	2,0	1,3	1,4
including by economic activity:					
agriculture, forestry and fishing	0,6	0,4	0,5	0,5	0,6
crop and animal production, hunting and related services in these spheres	0,6	0,4	0,5	0,4	0,6
forestry and logging	0,6	0,6	0,5	0,4	1,0
fishing and aquaculture	0,4	0,6	0,5	15,7	0,5
mining and quarrying	1,1	0,6	4,2	0,6	0,6
mining of coal and lignite	1,2	1,4	1,1	0,9	0,3
crude oil and natural gas	0,5	0,4	4,7	0,5	0,3
mining of metal ores	3,9	1,3	1,6	1,7	2,3
manufacturing	1,1	1,3	1,3	1,1	1,2
food production	1,3	1,5	1,3	1,0	0,7
beverage production	1,8	1,6	1,0	1,3	1,1
manufacture of textiles	0,1	0,0	0,2	0,4	0,2
manufacture of leather and related products	24,4	0,5	0,4	1,2	0,1
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	1,8	0,5	0,8	0,6	9,3
paper and paper products	0,2	0,5	1,7	1,3	1,1
printing and reproduction of recorded media	2,5	2,0	2,4	1,2	0,7
production of coke and refined petroleum products	1,0	2,4	0,9	0,3	1,9
manufacture of chemical products	0,3	1,0	1,3	0,4	0,7
manufacture of rubber and plastic products	2,7	4,4	3,7	3,4	2,0
metallurgy industry	1,0	1,1	0,9	0,8	1,2
manufacture of finished metal products, except machinery and equipment	0,8	0,8	0,7	0,7	0,4
machinery and equipment manufacturing, not classified in other categories	0,3	0,5	0,6	0,8	0,6
motor vehicles, trailers and semi-trailers	0,7	0,5	0,1	0,2	0,3
other transport equipment	0,1	0,0	0,1	0,1	0,3

	Continuation				
	2013	2014	2015	2016	2017
furniture production	1,9	3,6	2,4	0,8	0,3
other manufacturing	0,1	0,5	0,5	1,4	0,5
electricity, gas, steam and air conditioning	0,7	2,1	0,8	0,7	0,9
water supply; sewerage, waste management and remediation activities	0,5	0,5	0,4	0,7	1,0
collection, processing and distribution of water	0,3	0,4	0,3	0,4	0,3
construction	1,8	2,9	2,4	3,3	2,9
wholesale and retail trade; repair of motor vehicles and motorcycles	3,3	2,5	0,8	0,7	1,6
transportation and storage	0,8	1,6	0,7	3,0	3,4
accommodation and food services	0,6	0,8	0,7	1,6	1,7
information and communication	2,5	5,0	6,0	4,6	3,2
financial and insurance activities	3,6	4,0	2,3	2,8	3,5
real estate activities	0,5	0,5	0,6	1,4	0,3
professional, scientific and technical activities	1,4	0,4	0,4	0,9	0,3
administrative and support service activities	1,8	2,7	1,7	1,9	2,7
public administration and defense; compulsory social security	2,7	4,0	2,5	1,9	2,4
education	1,2	1,4	1,0	1,3	1,4
health care and social services	1,0	1,0	1,7	1,3	1,7
arts, entertainment and recreation	0,6	7,0	1,3	0,8	1,1
other service activities	2,0	6,8	2,2	1,4	2,0

#### 4.8 Depreciation degree of fixed assets

	million tenge				
	2013	2014	2015	2016	2017
All fixed assets	38,9	43,7	36,0	34,2	34,4
including by economic activity:					
agriculture, forestry and fishing	17,6	20,2	17,3	16,5	16,2
crop and animal production, hunting and related services in these spheres	17,6	20,1	17,2	16,4	16,0
forestry and logging	38,3	54,9	47,9	49,6	51,9
fishing and aquaculture	24,0	23,7	26,0	23,1	33,8
mining and quarrying	55,7	59,9	63,7	55,6	61,2
mining of coal and lignite	66,0	65,3	66,7	66,9	66,3
crude oil and natural gas	58,8	62,7	66,5	56,6	64,5
mining of metal ores	40,1	42,5	42,5	44,4	39,7
manufacturing	38,9	40,6	41,1	38,3	36,2
food production	38,5	38,7	40,6	42,2	39,8
beverage production	38,4	42,0	41,2	45,7	39,9
manufacture of textiles	27,0	30,5	27,5	29,2	32,6
manufacture of leather and related products	38,5	48,6	50,7	44,4	37,5

Continuation

	2013	2014	2015	2016	2017
manufacture of wood and cork products, except furniture; straw products industry and plaiting materials	31,8	27,8	24,0	43,5	17,9
paper and paper products	33,7	37,3	39,7	28,6	31,7
printing and reproduction of recorded media	34,8	38,1	37,0	49,3	45,5
production of coke and refined petroleum products	38,6	38,5	34,2	31,1	24,3
manufacture of chemical products	23,3	24,8	20,7	23,7	26,8
manufacture of rubber and plastic products	35,1	40,1	39,9	40,2	33,4
metallurgy industry	42,3	46,5	47,8	40,3	41,2
manufacture of finished metal products, except machinery and equipment	33,1	32,1	39,6	69,2	36,6
machinery and equipment manufacturing, not classified in other categories	33,8	39,2	31,4	26,8	30,7
motor vehicles, trailers and semi-trailers	30,1	17,3	22,9	24,4	30,1
other transport equipment	12,9	17,9	22,0	34,2	25,8
furniture production	49,5	37,2	43,3	35,3	31,4
other manufacturing	23,6	28,7	29,1	38,0	29,6
electricity, gas, steam and air conditioning	37,5	30,6	31,2	30,1	32,3
water supply; sewerage, waste management and remediation activities	24,7	25,8	23,0	27,4	30,7
collection, processing and distribution of water	21,7	23,9	21,1	26,3	29,3
construction	42,5	43,8	46,3	45,4	43,9
wholesale and retail trade; repair of motor vehicles and motorcycles	35,3	36,8	11,1	7,7	9,4
transportation and storage	27,3	24,3	24,5	23,6	24,3
accommodation and food services	29,3	29,8	26,1	29,1	32,0
information and communication	44,5	58,1	53,4	55,6	58,7
financial and insurance activities	30,0	28,1	35,0	25,3	28,5
real estate activities	7,0	8,4	8,5	8,6	9,3
professional, scientific and technical activities	77,6	76,7	24,5	31,7	20,7
administrative and support service activities	25,4	26,9	32,0	41,8	24,2
public administration and defense; compulsory social security	32,5	34,8	29,7	30,8	31,7
education	30,9	35,4	35,6	35,7	38,1
health care and social services	32,1	37,9	36,1	37,2	36,8
arts, entertainment and recreation	22,6	27,1	34,0	29,5	33,1
other service activities	32,8	51,8	27,7	29,5	27,4

## 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

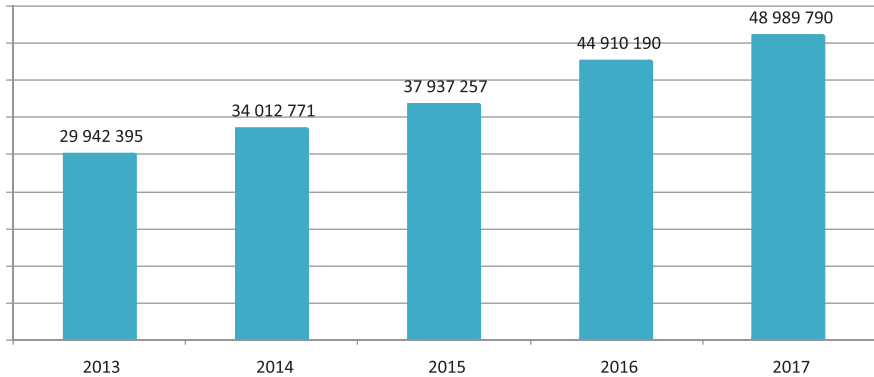
million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	29 942 395	34 012 771	37 937 257	44 910 190	48 989 790
including:					
agriculture, forestry and fishing	611 624	640 025	677 970	771 027	864 574
crop and animal production, hunting and related services in these spheres	608 790	637 217	675 201	767 518	860 818
forestry and logging	1 392	2 478	2 429	2 586	2 801
fishing and aquaculture	1 442	330	341	922	955
mining and quarrying	7 781 129	8 921 344	13 169 642	14 519 564	15 917 013
manufacturing	3 428 541	3 551 967	4 155 970	5 323 919	5 964 031
electricity, gas, steam and air conditioning	2 457 955	3 195 923	3 473 532	3 761 091	3 890 919
water supply; sewerage, waste management and redemption activities	388 765	451 245	572 796	665 646	669 656
construction	896 689	832 063	872 648	766 751	870 165
wholesale and retail trade; repair of motor vehicles and motorcycles	529 370	421 254	476 078	3 171 052	3 503 485
transportation and storage	5 175 173	5 057 004	6 441 506	7 199 093	7 917 763
accommodation and food services	146 305	109 960	145 049	151 319	154 430
information and communication	1 064 666	1 624 979	1 691 940	1 833 681	1 751 044
financial and insurance activities	475 930	452 311	561 278	627 484	617 774
real estate activities	378 658	207 509	304 383	441 894	413 210
professional, scientific and technical activities	2 670 252	5 281 145	844 880	753 057	903 093
administrative and support service activities	179 112	187 643	305 988	316 659	405 707
public administration and defense; compulsory social security	1 255 807	950 058	1 229 237	1 702 482	1 901 678
education	1 327 000	889 083	1 133 035	1 264 825	1 445 853
healthcare and social services	862 857	1 011 488	1 601 879	1 324 254	1 415 282
arts, entertainment and recreation	273 337	188 886	238 590	281 665	326 065
other service activities	39 225	38 884	40 856	34 729	58 050

Continuation

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

million tenge

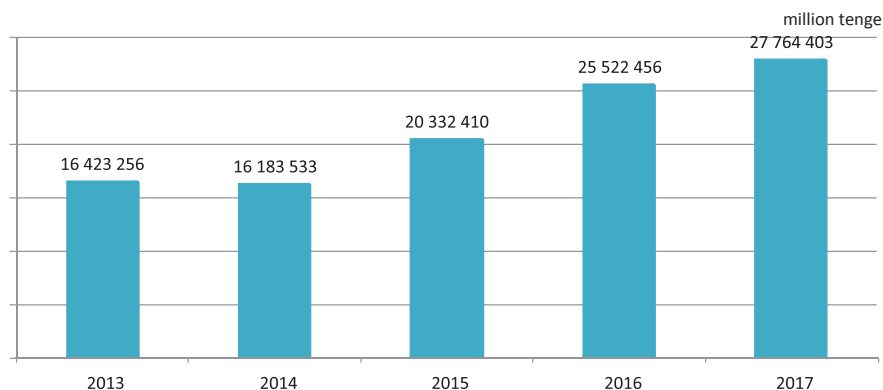
**5.2 Availability of fixed assets at the carrying value (deduction of depreciation) of large and medium-sized enterprises**

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	16 423 256	16 183 533	20 332 410	25 522 456	27 764 403
including:					
agriculture, forestry and fishing	380 218	368 431	380 677	440 073	506 132
crop and animal production, hunting and related services in these spheres	378 853	367 282	379 718	438 775	505 033
forestry and logging	769	972	792	735	753
fishing and aquaculture	596	177	168	563	347
mining and quarrying	3 138 641	3 089 015	4 227 555	4 702 606	5 268 125
manufacturing	2 068 058	2 038 378	2 401 906	3 229 597	3 723 117
electricity, gas, steam and air conditioning	1 529 852	2 196 731	2 364 652	2 594 113	2 616 473
water supply; sewerage, waste management and redemiation activities	293 782	333 378	444 028	475 162	462 171
construction	498 983	430 210	438 201	408 826	417 596
wholesale and retail trade; repair of motor vehicles and motorcycles	321 712	270 215	291 836	2 886 283	3 167 441
transportation and storage	3 748 794	3 786 676	4 875 543	5 556 732	6 098 347
accommodation and food services	106 335	78 478	99 914	97 458	90 663
information and communication	590 197	672 673	789 913	816 316	719 575
financial and insurance activities	329 792	329 815	356 286	430 846	452 319
real estate activities	283 322	142 628	218 509	319 126	257 457
professional, scientific and technical activities	491 381	416 086	566 073	432 540	506 190
administrative and support service activities	133 501	143 069	218 168	230 448	322 416
public administration and defense; compulsory social security	781 712	551 356	728 205	1 063 736	1 135 446

	Continuation				
	2013	2014	2015	2016	2017
education	909 376	558 691	716 007	792 621	864 829
healthcare and social services	587 567	628 848	1 025 547	826 889	890 236
arts, entertainment and recreation	213 560	133 754	170 778	206 680	236 513
other service activities	16 473	15 101	18 612	12 400	29 356

### 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				
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	45,2	52,4	46,4	43,2	43,3
including:					
agriculture, forestry and fishing	37,8	42,4	43,9	42,9	41,5
crop and animal production, hunting and related services in these spheres	37,8	42,4	43,8	42,8	41,3
forestry and logging	44,7	60,8	67,4	71,6	73,1
fishing and aquaculture	58,7	46,3	50,8	39,0	63,7
mining and quarrying	59,7	65,4	67,9	67,6	66,9
manufacturing	39,7	42,6	42,2	39,3	37,6
electricity, gas, steam and air conditioning	37,8	31,3	31,9	31,0	32,8
water supply; sewerage, waste management and redemption activities	24,4	26,1	22,5	28,6	31,0
construction	44,4	48,3	49,8	46,7	52,0
wholesale and retail trade; repair of motor vehicles and motorcycles	39,2	35,9	38,7	9,0	9,6
transportation and storage	27,6	25,1	24,3	22,8	23,0
accommodation and food services	27,3	28,6	31,1	35,6	41,3
information and communication	44,6	58,6	53,3	55,5	58,9
financial and insurance activities	30,7	27,1	36,5	31,3	26,8
real estate activities	25,2	31,3	28,2	27,8	37,7

Continuation

	2013	2014	2015	2016	2017
professional, scientific and technical activities	81,6	92,1	33	42,6	43,9
administrative and support service activities	25,5	23,8	28,7	27,2	20,5
public administration and defense; compulsory social security	37,8	42,0	40,8	37,5	40,3
education	31,5	37,2	36,8	37,3	40,2
healthcare and social services	31,9	37,8	36	37,6	37,1
arts, entertainment and recreation	21,9	29,2	28,4	26,6	27,5
other service activities	58,0	61,2	54,4	64,3	49,4

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

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	11,7	8,8	11,7	9,0	9,0
including:					
agriculture, forestry and fishing	9,4	7,0	6,5	10,8	7,8
crop and animal production, hunting and related services in these spheres	9,4	7,0	6,5	10,8	7,9
forestry and logging	6,8	3,9	2,0	6,3	1,1
fishing and aquaculture	2,1	3,1	3,7	1,7	4,4
mining and quarrying	10,4	9,0	10,4	8,2	9,2
manufacturing	8,7	8,2	12,7	15,1	12,0
electricity, gas, steam and air conditioning	10,3	6,6	4,4	6,7	5,7
water supply; sewerage, waste management and redemiation activities	7,0	4,6	7,3	3,8	7,4
construction	11,7	12,9	10,0	11,0	14,8
wholesale and retail trade; repair of motor vehicles and motorcycles	20,3	15,6	14,7	1,6	1,5
transportation and storage	8,4	11,7	18,3	10,3	9,9
accommodation and food services	8,2	7,5	5,0	8,1	7,4
information and communication	13,7	13,1	12,9	13,8	7,5
financial and insurance activities	15,4	11,8	7,7	10,6	14,7
real estate activities	14,8	10,4	8,0	5,1	24,4
professional, scientific and technical activities	9,8	2,4	26,0	5,5	7,0
administrative and support service activities	9,3	7,2	4,4	11,9	26,2
public administration and defense; compulsory social security	28,4	18,6	17,1	8,0	10,6
education	26,6	10,1	8,0	7,3	6,9
healthcare and social services	10,8	13,1	7,4	10,7	6,9
arts, entertainment and recreation	15,0	11,4	5,4	6,6	9,7
other service activities	7,2	5,8	3,0	3,6	15,5



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

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	2,0	1,4	1,2	1,7	1,7
including:					
agriculture, forestry and fishing	1,6	0,8	1,0	1,1	1,3
crop and animal production, hunting and related services in these spheres	1,6	0,8	1,0	1,1	1,3
forestry and logging	0,7	0,5	0,3	0,2	1,3
fishing and aquaculture	1,7	3,9	0,7	2,3	0,8
mining and quarrying	1,2	0,7	0,8	0,8	0,7
manufacturing	1,1	1,2	1,4	1,1	1,3
electricity, gas, steam and air conditioning	0,7	0,5	0,8	0,7	1,0
water supply; sewerage, waste management and redemption activities	0,5	0,4	0,2	0,7	0,3
construction	2,0	3,4	2,4	3,1	3,4
wholesale and retail trade; repair of motor vehicles and motorcycles	3,0	2,9	3,1	2,8	0,5
transportation and storage	2,4	1,7	0,6	3,5	4,0
accommodation and food services	0,3	1,0	0,6	1,3	1,3
information and communication	2,5	5,2	6,4	5,0	3,1
financial and insurance activities	3,8	4,3	2,3	3,0	4,0
real estate activities	3,5	3,3	0,2	2,8	1,3
professional, scientific and technical activities	1,5	0,4	0,2	0,9	1,0
administrative and support service activities	1,8	0,8	1,5	2,8	4,6
public administration and defense; compulsory social security	11,4	4,3	3,7	2,3	3,0
education	1,4	1,3	1,0	1,5	1,5
healthcare and social services	1,0	1,0	1,7	1,3	1,5
arts, entertainment and recreation	0,6	13,4	1,1	1,1	0,7
other service activities	1,7	10,3	2,1	1,4	2,2

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

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	29 550 439	33 602 638	37 373 626	44 376 385	48 402 245
including:					
agriculture, forestry and fishing	606 796	634 697	676 994	768 772	861 679
crop and animal production, hunting and related services in these spheres	603 964	631 889	674 225	765 272	857 933
forestry and logging	1 391	2 478	2 429	2 578	2 792
fishing and aquaculture	1 441	330	340	922	955
mining and quarrying	7 745 822	8 891 035	12 875 959	14 290 006	15 684 774
manufacturing	3 137 025	3 238 716	4 112 466	5 279 251	5 915 713
electricity, gas, steam and air conditioning	2 456 189	3 194 296	3 469 648	3 756 648	3 868 610

Continuation					
	2013	2014	2015	2016	2017
water supply; sewerage, waste management and redemption activities	386 164	448 136	569 711	662 155	665 978
construction	890 069	819 591	867 712	757 017	859 266
wholesale and retail trade; repair of motor vehicles and motorcycles	522 301	408 587	462 671	3 159 184	3 488 328
transportation and storage	5 171 498	5 053 874	6 428 750	7 182 622	7 899 660
accommodation and food services	144 188	107 834	129 338	136 376	127 385
information and communication	1 063 958	1 624 625	1 691 916	1 833 310	1 750 679
financial and insurance activities	457 955	446 779	561 278	627 484	617 774
real estate activities	376 837	205 566	268 960	410 860	378 154
professional, scientific and technical activities	2 667 660	5 280 915	844 293	751 859	902 813
administrative and support service activities	179 035	187 579	193 707	176 764	255 546
public administration and defense; compulsory social security	1 252 025	948 189	1 229 095	1 702 338	1 901 519
education	1 317 666	873 225	1 132 762	1 263 852	1 444 329
healthcare and social services	862 780	1 011 291	1 587 722	1 311 616	1 404 963
arts, entertainment and recreation	273 250	188 821	233 498	273 566	318 861
other service activities	39 221	38 882	37 146	32 704	56 213

## Buildings

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	4 764 043	4 224 385	5 575 075	6 496 315	6 848 604
including:					
agriculture, forestry and fishing	101 970	106 114	114 275	130 175	154 068
crop and animal production, hunting and related services in these spheres	101 092	105 674	113 830	129 453	153 363
forestry and logging	240	346	351	485	475
fishing and aquaculture	638	94	94	236	230
mining and quarrying	431 007	516 068	735 436	909 829	1 014 010
manufacturing	656 410	651 913	850 343	1 031 443	1 106 553
electricity, gas, steam and air conditioning	252 037	242 157	270 323	282 587	288 057
water supply; sewerage, waste management and redemption activities	62 345	62 908	93 595	120 233	65 520
construction	172 346	123 644	130 874	133 203	153 392
wholesale and retail trade; repair of motor vehicles and motorcycles	164 451	111 464	140 469	413 843	366 359
transportation and storage	258 694	269 883	335 067	482 247	471 072
accommodation and food services	106 714	78 978	90 978	90 627	80 205
information and communication	81 342	82 132	83 270	89 039	82 405
financial and insurance activities	239 265	254 386	348 912	387 100	369 040
real estate activities	263 862	147 919	171 858	259 791	228 766
professional, scientific and technical activities	123 663	120 381	119 593	98 077	132 135
administrative and support service activities	48 700	75 953	67 692	66 006	48 245

	Continuation				
	2013	2014	2015	2016	2017
public administration and defense; compulsory social security	294 911	212 390	278 848	351 853	423 391
education	919 153	555 271	762 392	848 100	983 661
healthcare and social services	421 090	493 975	826 289	648 247	689 067
arts, entertainment and recreation	162 739	116 051	146 495	148 447	175 342
other service activities	3 344	2 798	8 366	5 468	17 314

### Constructions

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	10 309 494	12 813 073	13 623 932	15 418 458	16 803 658
including:					
agriculture, forestry and fishing	78 112	130 088	151 182	164 416	169 077
crop and animal production, hunting and related services in these spheres	77 854	130 052	151 163	164 395	169 051
forestry and logging	29	21	4	4	4
fishing and aquaculture	229	15	15	16	22
mining and quarrying	3 861 802	4 385 708	5 819 730	6 493 306	7 086 790
manufacturing	460 600	461 719	630 722	826 230	1 001 220
electricity, gas, steam and air conditioning	1 123 391	1 609 463	1 550 724	1 868 699	1 879 866
water supply; sewerage, waste management and redemiation activities	267 615	310 227	410 163	441 182	503 850
construction	201 976	145 598	153 996	35 283	55 814
wholesale and retail trade; repair of motor vehicles and motorcycles	101 539	82 648	85 369	107 108	73 575
transportation and storage	2 637 027	3 044 471	4 103 419	4 617 486	5 001 106
accommodation and food services	3 519	5 008	4 377	4 330	2 204
information and communication	201 052	253 758	299 399	269 597	273 487
financial and insurance activities	6 301	13 306	4 947	2 381	1 143
real estate activities	16 760	9 227	28 742	47 222	47 071
professional, scientific and technical activities	1 154 766	2 268 261	252 871	207 731	293 718
administrative and support service activities	5 312	8 036	12 669	14 823	20 359
public administration and defense; compulsory social security	138 653	40 590	63 667	239 671	309 419
education	23 280	19 483	24 443	29 289	25 838
healthcare and social services	10 617	12 782	13 058	15 038	14 326
arts, entertainment and recreation	17 035	12 605	14 440	34 648	44 113
other service activities	137	95	14	18	682

### Machinery and equipment

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	12 958 793	12 243 069	16 081 390	20 092 892	22 108 525
including:					
agriculture, forestry and fishing	372 081	301 010	358 825	415 572	474 238
crop and animal production, hunting and related services in these spheres	370 607	299 859	356 865	413 183	471 588
forestry and logging	993	1 024	1 752	1 762	1 978

Continuation

	2013	2014	2015	2016	2017
fishing and aquaculture	481	127	208	627	673
mining and quarrying	3 183 981	3 327 589	6 012 688	6 430 333	6 999 029
manufacturing	1 820 715	1 720 928	2 325 827	2 891 496	3 181 597
electricity, gas, steam and air conditioning	1 014 406	1 256 592	1 614 792	1 531 919	1 577 333
water supply; sewerage, waste management and redemption activities	50 116	32 948	61 301	94 943	89 807
construction	469 118	278 491	512 592	523 833	583 398
wholesale and retail trade; repair of motor vehicles and motorcycles	192 552	81 306	158 960	2 559 846	2 973 401
transportation and storage	2 116 636	483 768	1 821 007	1 903 684	2 273 065
accommodation and food services	14 273	8 534	15 991	19 989	21 190
information and communication	759 720	1 085 828	1 148 665	1 438 362	1 359 444
financial and insurance activities	126 758	106 439	129 619	149 225	156 375
real estate activities	61 268	23 738	44 181	66 923	69 798
professional, scientific and technical activities	1 326 649	2 610 948	376 701	379 029	396 745
administrative and support service activities	114 450	18 868	97 562	65 275	119 040
public administration and defense; compulsory social security	667 522	310 796	609 288	780 909	901 219
education	209 045	159 901	197 334	222 569	245 313
healthcare and social services	372 686	391 566	545 705	559 304	619 038
arts, entertainment and recreation	53 529	13 179	23 992	34 001	36 075
other service activities	33 288	30 640	26 360	25 680	32 421

## Transport

million tenge

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	3 121 177	2 606 362	2 754 342	3 111 709	3 308 994
including:					
agriculture, forestry and fishing	50 042	47 192	51 475	59 974	68 150
crop and animal production, hunting and related services in these spheres	49 154	46 381	50 669	58 878	66 788
forestry and logging	671	741	730	695	926
fishing and aquaculture	217	70	76	401	437
mining and quarrying	318 428	359 976	358 734	385 619	418 852
manufacturing	172 627	172 119	215 504	463 069	364 971
electricity, gas, steam and air conditioning	60 263	61 370	56 490	61 046	62 130
water supply; sewerage, waste management and redemption activities	17 163	17 772	20 846	27 833	31 352
construction	208 437	213 098	216 814	218 779	245 540
wholesale and retail trade; repair of motor vehicles and motorcycles	73 161	60 598	65 540	104 087	105 902
transportation and storage	1 586 179	1 097 086	1 198 355	1 198 934	1 350 172
accommodation and food services	2 862	1 980	2 714	3 771	4 577
information and communication	38 097	61 337	62 322	61 315	54 090
financial and insurance activities	12 148	12 410	11 346	11 605	11 052
real estate activities	18 106	7 503	9 059	12 686	9 563

	Continuation				
	2013	2014	2015	2016	2017
professional, scientific and technical activities	147 012	170 219	63 535	61 740	59 059
administrative and support service activities	99 328	69 389	75 721	44 206	56 629
public administration and defense; compulsory social security	249 634	193 294	210 684	312 419	359 122
education	17 303	12 654	13 660	16 110	17 890
healthcare and social services	33 743	38 733	109 895	58 591	70 868
arts, entertainment and recreation	14 190	7 849	10 371	9 327	17 123
other service activities	2 454	1 783	1 277	598	1 953

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

Buildings					in percent
	2013	2014	2015	2016	2017
<b>All fixed assets</b>	16,1	12,6	14,9	14,6	14,1
including:					
agriculture, forestry and fishing	16,8	16,7	16,9	16,9	17,9
crop and animal production, hunting and related services in these spheres	16,7	16,7	16,9	16,9	17,9
forestry and logging	17,2	14,0	14,5	18,8	17,0
fishing and aquaculture	44,3	28,4	27,5	25,6	24,1
mining and quarrying	5,6	5,8	5,7	6,4	6,5
manufacturing	20,9	20,1	20,7	19,5	18,7
electricity, gas, steam and air conditioning	10,3	7,6	7,8	7,5	7,4
water supply; sewerage, waste management and redemiation activities	16,1	14,0	16,4	18,2	9,8
construction	19,4	15,1	15,1	17,6	17,9
wholesale and retail trade; repair of motor vehicles and motorcycles	31,5	27,3	30,4	13,1	10,5
transportation and storage	5,0	5,3	5,2	6,7	6,0
accommodation and food services	74,0	73,2	70,3	66,5	63,0
information and communication	7,6	5,1	4,9	4,9	4,7
financial and insurance activities	52,2	56,9	62,2	61,7	59,7
real estate activities	70,0	72,0	63,9	63,2	60,5
professional, scientific and technical activities	4,6	2,3	14,2	13,0	14,6
administrative and support service activities	27,2	40,5	34,9	37,3	18,9
public administration and defense; compulsory social security	23,6	22,4	22,7	20,7	22,3
education	69,8	63,6	67,3	67,1	68,1
healthcare and social services	48,8	48,8	52,0	49,4	49,0
arts, entertainment and recreation	59,6	61,5	62,7	54,3	55,0
other service activities	8,5	7,2	22,5	16,7	30,8

## Constructions

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	34,9	38,1	36,5	34,7	34,7
including:					
agriculture, forestry and fishing	12,9	20,5	22,3	21,4	19,6
crop and animal production, hunting and related services in these spheres	12,9	20,6	22,4	21,5	19,7
forestry and logging	2,1	0,8	0,2	0,2	0,2
fishing and aquaculture	15,9	4,6	4,5	1,7	2,3
mining and quarrying	49,9	49,3	45,2	45,4	45,2
manufacturing	14,7	14,3	15,3	15,7	16,9
electricity, gas, steam and air conditioning	45,7	50,4	44,7	49,7	48,6
water supply; sewerage, waste management and redemption activities	69,3	69,2	72,0	66,6	75,7
construction	22,7	17,8	17,7	4,7	6,5
wholesale and retail trade; repair of motor vehicles and motorcycles	19,4	20,2	18,5	3,4	2,1
transportation and storage	51,0	60,2	63,8	64,3	63,3
accommodation and food services	2,4	4,6	3,4	3,2	1,7
information and communication	18,9	15,6	17,7	14,7	15,6
financial and insurance activities	1,4	3,0	0,9	0,4	0,2
real estate activities	4,4	4,5	10,7	11,5	12,4
professional, scientific and technical activities	43,3	43,0	30,0	27,6	32,5
administrative and support service activities	3,0	4,3	6,5	8,4	8,0
public administration and defense; compulsory social security	11,1	4,3	5,2	14,1	16,3
education	1,8	2,2	2,2	2,3	1,8
healthcare and social services	1,2	1,3	0,8	1,1	1,0
arts, entertainment and recreation	6,2	6,7	6,2	12,7	13,8
other service activities	0,3	0,2	0,0	0,1	1,2

## Machinery and equipment

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	44,2	43,0	43,0	45,3	45,7
including:					
agriculture, forestry and fishing	54,9	53,0	53,0	54,1	55,0
crop and animal production, hunting and related services in these spheres	54,8	52,9	52,9	54,0	55,0
forestry and logging	71,2	72,1	72,1	68,3	70,8
fishing and aquaculture	59,9	61,1	61,1	68,0	70,5
mining and quarrying	41,5	46,7	46,7	45,0	44,6
manufacturing	58,5	56,6	56,6	54,8	53,8
electricity, gas, steam and air conditioning	41,3	46,5	46,5	40,8	40,8
water supply; sewerage, waste management and redemption activities	11,3	10,8	10,8	14,3	13,5
construction	60,0	59,1	59,1	69,2	67,9

	Continuation				
	2013	2014	2015	2016	2017
wholesale and retail trade; repair of motor vehicles and motorcycles	34,7	34,4	34,4	81,0	85,2
transportation and storage	31,3	28,3	28,3	26,5	28,8
accommodation and food services	9,7	12,4	12,4	14,7	16,6
information and communication	70,6	67,9	67,9	78,5	77,7
financial and insurance activities	26,6	23,1	23,1	23,8	25,3
real estate activities	15,2	16,4	16,4	16,3	18,5
professional, scientific and technical activities	52,7	44,6	44,6	50,4	43,9
administrative and support service activities	47,1	50,4	50,4	36,9	46,6
public administration and defense; compulsory social security	53,2	49,6	49,6	45,9	47,4
education	19,8	17,4	17,4	17,6	17,0
healthcare and social services	42,5	34,4	34,4	42,6	44,1
arts, entertainment and recreation	11,1	10,3	10,3	12,4	11,3
other service activities	83,4	71,0	71,0	78,5	57,7

#### Transport

in percent

	2013	2014	2015	2016	2017
<b>All fixed assets</b>	44,2	43,0	43,0	45,3	45,7
including:					
agriculture, forestry and fishing	54,9	53,0	53,0	54,1	55,0
crop and animal production, hunting and related services in these spheres	54,8	52,9	52,9	54,0	55,0
forestry and logging	71,2	72,1	72,1	68,3	70,8
fishing and aquaculture	59,9	61,1	61,1	68,0	70,5
mining and quarrying	41,5	46,7	46,7	45,0	44,6
manufacturing	58,5	56,6	56,6	54,8	53,8
electricity, gas, steam and air conditioning	41,3	46,5	46,5	40,8	40,8
water supply; sewerage, waste management and redemption activities	11,3	10,8	10,8	14,3	13,5
construction	60,0	59,1	59,1	69,2	67,9
wholesale and retail trade; repair of motor vehicles and motorcycles	34,7	34,4	34,4	81,0	85,2
transportation and storage	31,3	28,3	28,3	26,5	28,8
accommodation and food services	9,7	12,4	12,4	14,7	16,6
information and communication	70,6	67,9	67,9	78,5	77,7
financial and insurance activities	26,6	23,1	23,1	23,8	25,3
real estate activities	15,2	16,4	16,4	16,3	18,5
professional, scientific and technical activities	52,7	44,6	44,6	50,4	43,9
administrative and support service activities	47,1	50,4	50,4	36,9	46,6
public administration and defense; compulsory social security	53,2	49,6	49,6	45,9	47,4
education	19,8	17,4	17,4	17,6	17,0
healthcare and social services	42,5	34,4	34,4	42,6	44,1
arts, entertainment and recreation	11,1	10,3	10,3	12,4	11,3
other service activities	83,4	71,0	71,0	78,5	57,7

## 6. Structure of fixed assets by main activity

### 6.1 Structure of fixed assets

	in percent				
	2013	2014	2015	2016	2017
<b>Fixed assets</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	16,4	19,7	19,0	19,0	18,8
constructions	33,7	31,1	27,7	28,8	29,1
machinery and equipment	43,7	41,6	35,0	40,1	39,9
other fixed assets	6,2	7,6	18,3	12,1	12,2

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

	in percent				
	2013	2014	2015	2016	2017
<b>Agriculture, forestry and fishing</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	15,4	15,4	7,2	7,5	7,3
constructions	11,4	17,3	6,8	6,4	6,0
machinery and equipment	63,7	57,8	24,8	23,9	24,8
other fixed assets	9,5	9,5	61,2	62,2	61,9
<b>Fishing and aquaculture</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	40,9	24,2	38,0	44,4	46,2
constructions	5,0	4,8	8,4	7,6	4,9
machinery and equipment	49,8	47,1	43,3	45,2	42,2
other fixed assets	4,3	24,0	10,3	2,8	6,7
<b>Mining and quarrying</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	4,8	4,9	4,6	4,3	5,2
constructions	46,8	44,2	43,7	42,7	47,5
machinery and equipment	42,9	45,1	42,6	50,1	43,6
other fixed assets	5,4	5,8	9,1	2,8	3,7
<b>Manufacturing</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	21,7	21,3	22,1	20,2	20,4
constructions	13,9	12,7	14,0	15,2	16,0
machinery and equipment	57,9	57,6	56,5	54,9	53,6
other fixed assets	6,5	8,4	7,4	9,8	10,0
<b>Electricity, gas, steam and air conditioning</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	10,3	7,7	7,7	8,0	7,6
constructions	45,5	49,8	44,2	48,6	49,4
machinery and equipment	41,3	41,6	46,9	41,5	39,8
other fixed assets	3,0	0,9	1,2	2,0	3,2



Continuation					
	2013	2014	2015	2016	2017
<b>Construction</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	20,2	20,2	19,5	18,9	20,9
constructions	16,4	13,4	11,0	5,5	13,9
machinery and equipment	55,9	57,7	56,5	66,6	56,4
other fixed assets	7,4	8,7	13,0	8,9	8,8
<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	29,9	30,1	12,7	11,9	9,8
constructions	11,8	13,8	5,0	4,4	3,5
machinery and equipment	44,4	39,7	33,9	46,2	49,4
other fixed assets	14,0	16,4	48,4	37,5	37,3
<b>Accommodation and food services</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	71,1	64,6	62,6	67,1	68,5
constructions	2,4	3,8	2,8	2,9	2,5
machinery and equipment	11,5	18,0	11,4	12,6	13,2
other fixed assets	14,9	13,6	23,2	17,3	15,8
<b>Transport and storage</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	5,3	5,6	5,7	7,0	6,7
constructions	47,4	52,0	55,1	55,4	55,4
machinery and equipment	44,1	39,6	36,7	35,2	35,9
other fixed assets	3,1	2,8	2,5	2,4	2,0
<b>Information and communication</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	7,8	5,2	5,8	5,4	5,1
constructions	19,7	16,3	18,1	15,9	17,0
machinery and equipment	70,0	69,3	66,8	76,0	75,0
other fixed assets	2,5	9,2	9,3	2,6	2,9
<b>Financial and insurance activities</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	54,2	57,9	61,2	68,8	58,5
constructions	1,3	2,5	0,8	0,3	1,1
machinery and equipment	26,6	25,4	22,9	19,4	24,6
other fixed assets	17,9	14,2	15,1	11,6	15,8
<b>Real estate activities</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	70,8	71,8	91,2	91,4	90,9
constructions	4,6	5,8	2,3	2,3	1,9
machinery and equipment	16,0	13,6	3,7	3,8	4,7
other fixed assets	8,6	8,8	2,8	2,5	2,5

Continuation					
	2013	2014	2015	2016	2017
<b>Public administration and defense; compulsory social security</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	20,0	21,2	19,0	20,4	19,4
constructions	41,8	41,8	45,3	46,1	47,7
machinery and equipment	28,4	26,9	27,1	25,3	24,6
other fixed assets	9,9	10,1	8,6	8,2	8,3
<b>Institutions and educational organizations</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	57,6	65,1	68,0	68,9	69,6
constructions	1,8	2,2	2,2	2,3	2,0
machinery and equipment	27,5	18,8	16,5	16,0	15,5
other fixed assets	13,2	13,9	13,3	12,8	12,9
<b>Health organizations</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	48,7	48,8	51,6	48,7	48,2
constructions	1,6	1,4	1,0	1,2	1,0
machinery and equipment	42,8	42,2	34,6	41,8	44,5
other fixed assets	7,0	7,6	12,8	8,3	6,3
<b>Other service activities</b>					
<b>Total</b>	100,0	100,0	100,0	100,0	100,0
including:					
buildings	57,5	51,5	45,6	41,8	35,7
constructions	6,1	4,6	1,5	2,1	1,9
machinery and equipment	22,9	27,0	39,9	43,6	47,9
other fixed assets	13,5	16,9	13,0	12,5	14,5

## 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				
	2013	2014	2015	2016	2017
<b>Total</b>					
<b>All fixed assets</b>	12,6	10,9	16,4	10,0	9,8
of which by main activity	11,7	10,2	16,5	10,0	9,9
including:					
buildings	11,7	10,9	11,2	13,4	10,9
constructions	9,8	9,4	15,0	10,4	9,0
machinery and equipment	12,3	9,7	10,6	8,2	9,1
<b>Agriculture, forestry and fishing</b>					
<b>All fixed assets</b>	34,5	31,7	29,1	17,4	23,4
of which by main activity	10,5	9,7	29,1	17,4	23,5
including:					
buildings	7,1	9,7	12,2	12,2	11,7
constructions	13,7	9,5	4,6	5,7	7,4
machinery and equipment	9,3	8,9	9,3	16,9	11,6
<b>Fishing and aquaculture</b>					
<b>All fixed assets</b>	14,8	43,7	30,7	21,0	28,8
of which by main activity	14,8	43,7	30,7	21,0	28,8
including:					
buildings	0,3	6,5	57,7	0,2	49,5
constructions	0,0	14,2	45,0	2,8	1,3
machinery and equipment	27,9	49,4	11,1	45,3	11,7
<b>Mining and quarrying</b>					
<b>All fixed assets</b>	10,0	10,4	16,0	8,7	7,9
of which by main activity	10,0	10,4	16,2	8,7	7,9
including:					
buildings	8,3	12,7	9,4	10,4	9,3
constructions	12,6	9,8	14,8	10,5	6,5
machinery and equipment	6,6	9,7	9,8	7,1	8,3
<b>Manufacturing</b>					
<b>All fixed assets</b>	10,0	10,8	13,9	15,2	12,4
of which by main activity	10,0	10,8	13,9	15,3	12,5
including:					
buildings	7,4	8,6	12,6	11,8	8,8
constructions	7,1	7,2	18,4	12,8	16,1
machinery and equipment	10,5	10,8	13,6	13,5	12,0
<b>Electricity, gas, steam and air conditioning</b>					
<b>All fixed assets</b>	10,6	6,5	5,8	7,9	5,8
of which by main activity	10,6	6,5	5,8	7,9	5,8
including:					
buildings	21,1	6,2	2,3	5,1	5,8
constructions	7,1	8,3	5,2	8,9	7,8
machinery and equipment	11,2	4,3	6,5	7,2	3,4

Continuation					
	2013	2014	2015	2016	2017
<b>Construction</b>					
<b>All fixed assets</b>	12,1	13,3	10,8	13,9	15,7
of which by main activity	12,1	13,3	10,8	14,0	15,9
including:					
buildings	9,8	10,5	13,3	22,4	15,5
constructions	6,0	6,4	3,9	20,4	30,8
machinery and equipment	14,6	15,6	11,7	11,2	13,1
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>All fixed assets</b>	24,4	17,4	42,9	2,9	2,1
of which by main activity	24,4	17,4	43,0	2,9	2,2
including:					
buildings	10,2	10,9	11,9	13,8	6,3
constructions	14,3	19,2	9,0	2,8	1,9
machinery and equipment	36,8	21,7	4,4	1,9	2,3
<b>Accommodation and food services</b>					
<b>All fixed assets</b>	8,8	5,8	6,8	17,1	20,6
of which by main activity	8,8	5,8	6,7	17,9	20,6
including:					
buildings	7,1	3,3	4,8	17,8	16,2
constructions	1,6	14,3	2,7	21,1	14,6
machinery and equipment	18,6	8,1	16,9	21,8	34,1
<b>Transportation and storage</b>					
<b>All fixed assets</b>	8,8	11,1	17,1	9,6	9,2
of which by main activity	8,8	11,1	17,1	9,7	9,2
including:					
buildings	12,9	10,7	15,8	36,9	29,9
constructions	4,0	11,7	20,2	7,4	6,5
machinery and equipment	13,7	10,6	13,3	7,9	9,6
<b>Information and communication</b>					
<b>All fixed assets</b>	13,6	12,8	12,2	13,4	8,5
of which by main activity	13,6	12,8	12,2	13,4	8,0
including:					
buildings	9,7	10,9	5,6	9,1	7,0
constructions	14,2	14,4	18,2	9,4	6,2
machinery and equipment	13,9	13,8	10,1	14,6	8,4
<b>Financial and insurance activities</b>					
<b>All fixed assets</b>	15,0	12,6	8,2	28,5	14,2
of which by main activity	15,0	12,6	8,2	28,5	13,4
including:					
buildings	13,3	7,8	4,3	35,2	11,7
constructions	1,6	9,5	4,9	1,5	1,3
machinery and equipment	18,2	19,0	15,0	13,8	15,8
<b>Real estate activities</b>					
<b>All fixed assets</b>	9,2	8,0	9,6	10,1	13,3
of which by main activity	13,0	8,4	9,6	10,2	13,3
including:					
buildings	11,6	7,3	9,6	10,3	13,0

	Continuation				
	2013	2014	2015	2016	2017
constructions	6,2	8,6	6,0	13,5	7,5
machinery and equipment	14,7	10,4	10,7	9,4	21,7
<b>Public administration and defense; compulsory social security</b>					
<b>All fixed assets</b>	19,8	21,9	18,3	14,9	14,5
of which by main activity	19,8	21,9	18,3	14,9	14,5
including:					
buildings	20,0	25,7	33,7	18,0	13,2
constructions	8,0	16,7	16,4	17,9	16,3
machinery and equipment	34,9	27,4	11,2	8,7	11,1
<b>Institutions and educational organizations</b>					
<b>All fixed assets</b>	13,4	11,3	10,1	10,2	8,1
of which by main activity	13,4	11,3	10,1	10,2	8,1
including:					
buildings	14,1	9,4	9,8	9,5	6,0
constructions	13,4	14,8	8,4	10,2	9,0
machinery and equipment	9,0	13,3	8,4	9,0	11,2
<b>Healthcare organizations</b>					
<b>All fixed assets</b>	11,3	13,1	7,9	10,9	8,7
of which by main activity	11,3	13,1	7,8	10,9	8,6
including:					
buildings	7,4	12,4	6,5	8,5	3,5
constructions	15,2	5,5	5,0	12,6	5,5
machinery and equipment	15,1	13,9	10,6	12,2	13,8
<b>Other service activities</b>					
<b>All fixed assets</b>	7,5	8,4	10,3	14,2	17,9
of which by main activity	7,5	8,4	10,5	14,3	19,5
including:					
buildings	5,8	4,0	9,5	12,5	14,8
constructions	9,2	5,8	36,5	0,9	13,8
machinery and equipment	8,8	6,4	5,0	10,1	22,5

## 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				
	2013	2014	2015	2016	2017
<b>Total</b>					
<b>All fixed assets</b>	1,2	1,5	2,0	1,3	1,4
of which by main activity	1,4	1,6	2,0	1,3	1,4
including:					
buildings	1,1	2,2	0,8	1,4	2,3
constructions	0,7	0,4	0,7	0,9	0,7
machinery and equipment	1,7	1,9	3,6	1,7	1,4
<b>Agriculture, forestry and fishing</b>					
<b>All fixed assets</b>	0,6	0,4	0,5	0,5	0,6
of which by main activity	1,5	0,8	0,5	0,5	0,6
including:					
buildings	0,5	0,4	0,9	0,4	0,7
constructions	1,5	0,1	0,2	0,2	0,5
machinery and equipment	1,4	0,8	1,1	1,1	1,2
<b>Fishing and aquaculture</b>					
<b>All fixed assets</b>	0,4	0,6	0,5	15,7	0,5
of which by main activity	0,4	0,6	0,5	15,7	0,5
including:					
buildings	0,4	0,6	0,0	0,0	0,1
constructions	0,0	0,0	0,0	0,3	0,0
machinery and equipment	0,2	0,3	0,8	35,1	0,8
<b>Mining and quarrying</b>					
<b>All fixed assets</b>	1,1	0,6	4,2	0,6	0,6
of which by main activity	1,1	0,6	4,3	0,6	0,6
including:					
buildings	0,2	0,4	0,2	0,6	0,2
constructions	0,7	0,2	0,2	0,3	0,3
machinery and equipment	1,3	1,0	8,6	0,8	0,8
<b>Manufacturing</b>					
<b>All fixed assets</b>	1,1	1,3	1,3	1,1	1,2
of which by main activity	1,1	1,3	1,3	1,1	1,2
including:					
buildings	0,7	1,0	1,2	0,6	0,6
constructions	0,4	0,2	0,6	0,1	0,4
machinery and equipment	1,2	1,5	1,4	1,4	1,7
<b>Electricity, gas, steam and air conditioning</b>					
<b>All fixed assets</b>	0,7	2,1	0,8	0,7	0,9
of which by main activity	0,7	2,1	0,8	0,7	0,9
including:					
buildings	0,1	0,8	0,2	0,4	0,4

	Continuation				
	2013	2014	2015	2016	2017
constructions	0,2	0,2	1,0	0,6	0,8
machinery and equipment	1,2	0,6	0,7	0,7	0,9
<b>Construction</b>					
<b>All fixed assets</b>	1,8	2,9	2,4	3,3	2,9
of which by main activity	1,8	2,9	2,4	3,3	2,9
including:					
buildings	0,7	2,2	2,1	3,0	1,1
constructions	0,4	1,3	0,2	1,1	2,0
machinery and equipment	2,2	3,4	3,2	3,7	3,5
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>All fixed assets</b>	3,3	2,5	0,8	0,7	1,7
of which by main activity	3,3	2,5	0,9	0,7	1,6
including:					
buildings	3,6	1,1	0,6	2,0	5,5
constructions	1,8	0,5	1,0	0,3	0,4
machinery and equipment	3,2	3,9	0,8	1,5	0,6
<b>Accommodation and food services</b>					
<b>All fixed assets</b>	0,6	0,8	0,7	1,6	1,7
of which by main activity	0,6	0,8	0,8	1,7	1,7
including:					
buildings	0,1	0,0	0,3	0,9	1,3
constructions	0,0	1,0	1,5	0,7	0,3
machinery and equipment	2,3	1,5	2,4	2,9	3,7
<b>Transportation and storage</b>					
<b>All fixed assets</b>	0,8	1,6	0,7	3,0	3,4
of which by main activity	0,8	1,6	0,7	3,0	3,4
including:					
buildings	1,2	1,5	0,7	18,5	30,3
constructions	0,7	0,4	0,1	2,3	1,5
machinery and equipment	1,0	3,0	1,3	1,8	1,1
<b>Information and communication</b>					
<b>All fixed assets</b>	2,5	5,0	6,0	4,6	3,2
of which by main activity	2,5	5,0	6,0	4,6	3,2
including:					
buildings	0,4	4,9	1,9	0,6	3,6
constructions	1,1	1,7	8,3	0,3	0,4
machinery and equipment	3,1	5,9	5,0	6,4	3,8
<b>Financial and insurance activities</b>					
<b>All fixed assets</b>	3,6	4,0	2,3	2,8	3,3
of which by main activity	3,6	4,0	2,3	2,8	3,5
including:					
buildings	1,5	0,9	0,3	1,3	1,2
constructions	0,1	5,0	5,8	0,5	0,4
machinery and equipment	6,3	9,0	6,1	5,1	7,4
<b>Real estate activities</b>					
<b>All fixed assets</b>	0,5	0,5	0,6	1,4	0,3
of which by main activity	2,3	2,1	0,6	1,4	0,3

Continuation					
	2013	2014	2015	2016	2017
including:					
buildings	2,0	1,3	0,5	1,4	0,1
constructions	0,4	2,3	0,1	0,6	0,2
machinery and equipment	4,8	3,7	1,5	1,6	2,7
<b>Public administration and defense; compulsory social security</b>					
<b>All fixed assets</b>	2,7	4,0	2,5	1,9	2,7
of which by main activity	2,7	4,0	2,5	1,9	2,4
including:					
buildings	3,3	11,6	3,4	2,0	3,1
constructions	1,1	0,8	2,3	1,1	1,0
machinery and equipment	3,8	3,6	1,9	2,8	3,1
<b>Institutions and educational organizations</b>					
<b>All fixed assets</b>	1,2	1,4	1,0	1,3	1,4
of which by main activity	1,2	1,4	1,0	1,3	1,4
including:					
buildings	0,5	0,3	0,2	0,5	0,5
constructions	2,0	2,3	2,1	0,1	0,9
machinery and equipment	1,5	2,5	2,2	2,8	3,2
<b>Healthcare organizations</b>					
<b>All fixed assets</b>	1,0	1,0	1,7	1,3	1,7
of which by main activity	1,0	1,0	1,7	1,3	1,7
including:					
buildings	0,3	0,2	1,2	0,4	0,5
constructions	0,4	0,1	2,2	1,5	0,4
machinery and equipment	1,7	1,8	2,6	2,3	2,9
<b>Other service activities</b>					
<b>All fixed assets</b>	2,0	6,8	2,2	1,4	2,4
of which by main activity	2,0	6,8	2,2	1,4	2,0
including:					
buildings	0,5	0,1	0,3	0,4	0,5
constructions	0,3	0,2	0,0	0,1	2,8
machinery and equipment	4,4	8,1	3,3	2,2	2,8



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

### 9.1 Depreciation degree of fixed assets

in percent

	2013	2014	2015	2016	2017
<b>Total</b>					
<b>All fixed assets</b>	38,9	43,7	36,0	34,2	34,2
of which by main activity	42,7	47,1	36,0	34,2	34,4
including:					
buildings	28,3	29,2	21,7	20,7	21,7
constructions	41,4	46,5	40,0	38,8	37,4
machinery and equipment	50,0	54,5	48,7	42,0	41,9
<b>Agriculture, forestry and fishing</b>					
<b>All fixed assets</b>	17,6	20,2	17,3	16,5	16,1
of which by main activity	36,3	37,9	17,3	16,5	16,2
including:					
buildings	28,5	29,9	28,9	31,7	27,5
constructions	23,9	35,3	38,0	36,4	34,6
machinery and equipment	43,6	44,8	47,1	46,5	45,7
<b>Fishing and aquaculture</b>					
<b>All fixed assets</b>	24,0	23,7	26,0	23,1	33,8
of which by main activity	24,0	23,7	26,0	23,1	33,8
including:					
buildings	27,1	39,1	21,3	22,1	24,2
constructions	66,7	59,9	27,8	34,5	79,1
machinery and equipment	16,2	19,1	20,8	21,0	40,1
<b>Mining and quarrying</b>					
<b>All fixed assets</b>	55,7	59,9	63,7	55,6	61,2
of which by main activity	55,7	59,9	64,0	55,6	61,2
including:					
buildings	44,8	47,6	53,3	54,8	53,7
constructions	49,9	55,8	60,1	56,9	54,4
machinery and equipment	64,1	65,8	73,1	54,0	69,3
<b>Manufacturing</b>					
<b>All fixed assets</b>	38,9	40,6	41,1	38,3	36,1
of which by main activity	38,9	40,6	41,1	38,3	36,2
including:					
buildings	31,1	31,2	30,8	28,7	27,6
constructions	36,0	38,1	35,4	30,1	30,5
machinery and equipment	42,4	45,1	45,6	45,3	42,0
<b>Electricity, gas, steam and air conditioning</b>					
<b>All fixed assets</b>	37,5	30,6	31,2	30,1	32,4
of which by main activity	37,5	30,6	31,2	30,1	32,3
including:					
buildings	40,8	18,7	20,4	17,8	18,0
constructions	40,4	36,7	37,1	33,6	34,9
machinery and equipment	35,2	25,4	27,4	27,1	30,6

Continuation					
	2013	2014	2015	2016	2017
<b>Construction</b>					
<b>All fixed assets</b>	42,5	43,8	46,3	45,4	43,4
of which by main activity	42,5	43,8	46,2	45,4	43,9
including:					
buildings	32,3	30,7	30,4	33,2	30,3
constructions	32,4	38,5	42,3	43,7	31,5
machinery and equipment	49,5	50,3	51,2	49,4	51,9
<b>Wholesale and retail trade; repair of motor vehicles and motorcycles</b>					
<b>All fixed assets</b>	35,3	36,8	11,1	7,7	9,3
of which by main activity	35,3	36,8	11,0	7,6	9,4
including:					
buildings	29,7	29,9	22,5	13,3	17,0
constructions	32,0	35,6	17,2	15,4	19,3
machinery and equipment	38,2	42,7	16,9	7,2	8,3
<b>Accommodation and food services</b>					
<b>All fixed assets</b>	29,3	29,8	26,1	29,1	32,1
of which by main activity	29,3	29,8	25,5	28,5	32,0
including:					
buildings	22,9	25,1	21,6	23,6	29,6
constructions	32,6	22,6	27,7	22,1	28,2
machinery and equipment	48,5	35,0	43,4	43,2	40,9
<b>Transportation and storage</b>					
<b>All fixed assets</b>	27,3	24,3	24,5	23,6	24,7
of which by main activity	27,3	24,3	24,5	23,6	24,3
including:					
buildings	23,8	22,7	24,4	18,9	21,8
constructions	25,5	22,2	20,0	19,7	19,2
machinery and equipment	30,2	27,2	30,5	30,4	32,3
<b>Information and communication</b>					
<b>All fixed assets</b>	44,5	58,1	53,4	55,6	54,9
of which by main activity	44,5	58,1	53,4	55,6	58,7
including:					
buildings	26,6	25,5	24,8	27,1	28,6
constructions	31,3	33,0	35,7	35,8	39,3
machinery and equipment	49,8	63,3	57,4	61,3	64,8
<b>Financial and insurance activities</b>					
<b>All fixed assets</b>	30,0	28,1	35,0	25,3	30,6
of which by main activity	30,0	28,1	35,0	25,3	28,5
including:					
buildings	10,0	9,9	23,1	12,5	10,1
constructions	18,0	48,1	18,2	35,8	67,5
machinery and equipment	58,3	56,2	57,8	55,1	56,0
<b>Real estate activities</b>					
<b>All fixed assets</b>	7,0	8,4	8,5	8,6	9,4
of which by main activity	31,7	34,3	8,2	8,3	9,3
including:					
buildings	26,4	30,4	5,3	5,3	6,0

	Continuation				
	2013	2014	2015	2016	2017
constructions	37,2	43,6	25,6	28,0	30,5
machinery and equipment	49,8	47,5	46,3	48,8	48,2
<b>Public administration and defense; compulsory social security</b>					
<b>All fixed assets</b>	32,5	34,8	29,7	30,8	31,9
of which by main activity	32,5	34,8	29,7	30,8	31,7
including:					
buildings	23,1	26,0	29,5	25,5	26,1
constructions	28,8	29,5	27,3	27,2	26,9
machinery and equipment	45,3	51,2	33,7	36,9	38,0
<b>Institutions and educational organizations</b>					
<b>All fixed assets</b>	30,9	35,4	35,6	35,7	38,1
of which by main activity	30,9	35,4	35,6	35,7	38,1
including:					
buildings	30,8	31,5	31,2	30,6	33,8
constructions	27,5	23,4	26,7	36,7	33,5
machinery and equipment	32,9	53,4	56,8	58,2	59,1
<b>Healthcare organizations</b>					
<b>All fixed assets</b>	32,1	37,9	36,1	37,2	36,8
of which by main activity	32,1	37,9	36,0	37,1	36,8
including:					
buildings	22,8	29,8	18,2	26,1	26,0
constructions	30,0	36,3	32,5	30,7	34,0
machinery and equipment	41,7	46,9	48,7	48,2	47,4
<b>Other service activities</b>					
<b>All fixed assets</b>	32,8	51,8	27,7	29,5	31,9
of which by main activity	32,8	51,8	27,2	29,4	27,4
including:					
buildings	17,8	22,8	13,0	15,4	14,0
constructions	40,6	58,9	15,6	25,5	32,8
machinery and equipment	55,4	60,3	43,3	41,5	35,8

## 10. Intangible assets

### 10.1 Availability of intangible assets

million tenge

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>Republic of Kazakhstan</b>	10 105	41 500	44 380	58 974	78 109	87 224	97 336	125 044	201 089	241 247
Akmola	15	42	119	563	689	348	263	341	524	1 050
Aktobe	91	110	427	842	1 251	1 959	2 684	4 287	5 081	3 947
Almaty	275	195	507	567	753	822	733	1 056	1 282	2 744
Atyrau	4 289	4 554	7 562	12 233	12 378	12 388	13 205	11 729	10 764	46 813
Batys Kazakhstan	77	250	55	63	99	326	269	411	67 317	63 951
Zhambyl	22	118	3 596	856	1 064	113	102	117	422	554
Karagandy	203	668	1 212	1 947	2 343	2 500	2 406	2 883	2 664	4 363
Kostanai	129	217	641	445	170	221	357	390	487	1 835
Kyzylorda	166	990	12 563	12 748	13 472	15 428	13 541	16 146	22 356	23 051
Mangistau	1 786	4 270	3 790	6 964	15 384	16 478	17 520	18 102	12 380	6 921
Ontustik Kazakhstan	712	395	581	610	719	851	1 007	1 087	1 232	2 233
Pavlodar	310	275	245	710	618	569	504	3 024	2 291	3 137
Soltustik Kazakhstan	42	305	308	232	265	350	167	227	332	1 035
Shygys Kazakhstan	486	578	2 917	3 022	3 144	4 262	7 171	7 122	7 067	6 595
Astana city	322	127	798	2 040	2 809	3 938	10 327	14 632	24 647	24 823
Almaty city	1 180	28 406	9 059	15 132	22 951	26 671	27 080	43 490	42 243	48 195

Continuation

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Republic of Kazakhstan</b>	295 903	374 093	476 894	844 667	709 094	738 064	1 029 607	997 478	1 290 819	1 821 622	2 518 144
Akmola	1 329	1 946	4 318	13 199	3 794	4 301	6 487	7 370	10 031	39 905	39 703
Aktobe	4 807	23 476	10 822	12 369	6 613	18 352	19 499	53 155	64 881	39 022	41 282
Almaty	3 179	2 936	3 409	5 111	5 917	7 988	9 771	11 285	16 896	33 357	16 749
Atyrau	48 310	49 488	51 335	57 520	62 638	79 981	102 300	118 880	264 740	452 479	1 063 700
Batys Kazakhstan	61 602	85 413	94 672	94 172	94 066	77 655	33 357	39 951	41 331	71 944	72 471
Zhambyl	882	963	1 053	2 152	2 261	4 116	6 430	12 581	12 232	13 867	22 050
Karagandy	6 597	7 000	9 339	11 554	64 740	16 443	34 490	22 096	25 913	27 966	28 941
Kostanai	3 923	4 726	5 260	6 557	7 201	8 012	10 678	10 063	12 294	20 016	19 644
Kyzylorda	33 824	30 487	32 263	35 600	35 871	36 974	36 153	34 950	41 547	60 432	62 021
Mangistau	15 588	16 152	24 829	62 097	51 964	48 561	70 376	62 793	40 233	64 801	94 668
Ontustik Kazakhstan	6 236	6 236	6 640	5 503	6 223	6 940	8 449	9 609	11 673	15 032	26 513
Pavlodar	3 417	3 028	2 662	3 725	4 410	5 829	6 752	8 796	10 541	13 851	23 556
Soltustik Kazakhstan	748	1 314	2 735	10 705	13 457	13 035	5 411	7 388	12 233	13 163	6 876
Shygys Kazakhstan	7 190	12 221	13 155	30 031	31 889	38 611	33 213	80 176	92 536	79 922	50 579
Astana city	30 781	31 311	54 034	68 254	92 165	130 944	385 087	246 243	295 170	374 899	463 063
Almaty city	67 490	97 396	160 368	426 118	225 885	240 322	261 154	272 142	338 567	500 966	486 328

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

million tenge

	2010	2011	2012	2013	2014	2015	2016	2017
License agreements	76 649	90 109	98 135	110 166	164 887	182 112	269 913	829 635
Software	241 387	280 047	242 973	291 806	316 492	360 033	473 388	613 307
Patents	805	856	1 473	1 888	1 723	2 032	2 0700	21 252
Organizational costs	49 318	47 591	78 681	78 685	87 728	66 353	111 530	143 549
Goodwill	12 673	13 851	4 624	6 220	9 147	10 133	11 487	9 207
Other	174 617	190 774	280 509	203 266	358 809	268 024	543 172	1 007 106

\* 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	30 134	109 241	125		205 590
Manufacturing	34 172	38 017	416	953	55 891
Electricity, gas, steam and air conditioning	1 703	12 451	11		32 319
Transportation and storage	3 014	27 353		853	73 120

## 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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