

Russia-China Monthly Master Dataset

Source file: russia_china_monthly_master.csv | 81 observations

A. Trade and core macro variables

date	ru_exports_to_cn_usd_bn	ru_imports_from_cn_usd_bn	total_trade_usd_bn	ru_trade_balance_usd_bn	china_pmi	china_industrial_production_yoy	russia_industrial_production_yoy	cny_rub	brent_usd	russia_key_rate_eom
2019-01	4.894	4.309699999999999	9.2037	0.5843000000000007	49.5		2.7000000000000003	9.82623	59.41	7.75
2019-02	4.0858	2.7524	6.8382000000000005	1.3333999999999997	49.2		4.2000000000000003	9.76456	63.96	7.75
2019-03	4.5336000000000001	3.5825	8.1161000000000001	0.9511000000000007	50.5	8.5	2.7000000000000003	9.70097	66.14	7.75
2019-04	5.191	3.7167	8.9077	1.4743	50.1	5.4	5.2000000000000003	9.61957	71.23	7.75
2019-05	5.349399999999999	3.7950999999999997	9.144499999999999	1.5542999999999996	49.4	5.0	1.0	9.43727	71.32	7.75
2019-06	5.27855	3.986712	9.265262	1.2918380000000003	49.4	6.3	3.2000000000000003	9.29793	64.22	7.5
2019-07	4.7246999999999995	4.5332	9.2579	0.1914999999999956	49.7	4.8	4.299999999999997	9.19297	63.92	7.25
2019-08	4.9372	4.4753	9.4125	0.4619	49.5	4.4	3.9000000000000057	9.29563	59.04	7.25
2019-09	4.973	4.5034	9.4764	0.4695999999999998	49.8	5.8	5.0	9.127	62.83	7.0
2019-10	5.2631000000000006	4.383	9.6461	0.8801000000000005	49.3	4.7	4.4000000000000006	9.06479	59.71	6.5
2019-11	5.528	4.5278	10.0558	1.0001999999999995	50.2	6.2	1.5	9.0987	63.21	6.5
2019-12	5.5392	4.8818	10.421	0.6574	50.2	6.9	2.5999999999999943	8.96643	67.31	6.25
2020-01	6.108726	4.449182	10.5579080000000001	1.6595439999999995	50.0		1.5999999999999943	8.94129	63.65	6.25
2020-02	5.173186	1.577616	6.750802	3.5955700000000004	35.7		5.0999999999999994	9.14788	55.66	6.0
2020-03	4.972401	3.119484	8.091885	1.8529169999999997	52.0	-1.1	2.799999999999997	10.5025	32.01	6.0
2020-04	4.216529	3.97817	8.194699	0.2383590000000043	50.8	3.9	-4.4000000000000006	10.5726	18.38	5.5
2020-05	3.560059	3.804802	7.364860999999999	-0.24474300000000015	50.6	4.4	-7.7000000000000003	10.19578	29.38	5.5
2020-06	4.198191	3.988365	8.186556	0.2098259999999962	50.9	4.8	-6.599999999999994	9.76411	40.27	4.5
2020-07	4.77982	4.892651	9.672471	-0.1128309999999999	51.1	4.8	-5.599999999999994	10.1621	43.24	4.25
2020-08	4.539571	5.258582	9.798153	-0.7190110000000001	51.0	5.6	-3.9000000000000057	10.6419	44.74	4.25
2020-09	5.417576	4.799443	10.217019	0.6181330000000003	51.5	6.9	-3.5	11.1149	40.91	4.25
2020-10	4.627507	4.724517	9.352024	-0.09701000000000004	51.4	6.9	-5.299999999999997	11.5374	40.19	4.25
2020-11	4.437008	4.757221	9.194229	-0.32021300000000075	52.1	7.0	-1.0	11.641	42.69	4.25
2020-12	5.15972	5.274945	10.434664999999999	-0.1152249999999969	51.9	7.3	3.7000000000000003	11.3423	49.99	4.25
2021-01	4.896743	4.757858	9.654601	0.13888500000000015	51.3		-2.299999999999997	11.4848	54.77	4.25
2021-02	4.966105	4.163444	9.129549	0.8026609999999996	50.6		-3.7000000000000003	11.5066	62.28	4.25
2021-03	6.206309	4.142344	10.348652999999999	2.0639650000000005	51.9	14.1	1.5999999999999943	11.4348	65.41	4.5
2021-04	5.675606	5.128195	10.803801	0.5474110000000003	51.1	9.8	7.099999999999994	11.6685	64.81	5.0
2021-05	5.71873	4.731096	10.449826	0.9876339999999999	51.0	8.8	11.7000000000000003	11.5006	68.53	5.0
2021-06	6.235315	6.028295	12.26361	0.20701999999999998	50.9	8.3	10.0	11.3105	73.16	5.5
2021-07	6.710439	5.539592	12.250031	1.1708470000000002	50.4	6.4	6.799999999999997	11.4141	75.17	6.5
2021-08	7.041652	6.321637	13.363289	0.7200150000000001	50.1	5.3	4.5	11.3598	70.75	6.5
2021-09	6.867821	6.601057	13.468878	0.2667640000000002	49.6	3.1	6.799999999999997	11.2932	74.49	6.75
2021-10	7.522064	5.504575	13.026639	2.0174890000000003	49.2	3.5	7.599999999999994	11.1226	83.54	7.5
2021-11	8.203115	6.540936	14.744051	1.662179	50.1	3.8	7.599999999999994	11.3784	81.05	7.5
2021-12	8.306905	8.136777	16.443682000000003	0.17012800000000006	50.3	4.3	6.099999999999994	11.5832	74.17	8.5
2022-01	7.574814	7.380617	14.955431	0.19419699999999995	50.1		9.099999999999994	12.0621	86.51	8.5
2022-02	6.238633	5.237091	11.475724	1.0015419999999997	50.2		6.599999999999994	12.156	97.13	20.0
2022-03	7.843946	3.825255	11.669201	4.0186910000000005	49.5	5.0	3.5999999999999943	16.3161	117.25	20.0
2022-04	8.889483	3.801747	12.6912300000000001	5.087736	47.4	-2.9	-1.7000000000000028	12.1424	104.58	17.0
2022-05	10.26898	4.324095	14.593075	5.9448850000000001	49.6	0.7	-1.2999999999999972	9.49178	113.34	11.0
2022-06	9.748299999999999	5.0025	14.750799999999998	4.745799999999998	50.2	3.9	-1.2000000000000028	8.67516	122.71	9.5
2022-07	10.0193	6.7708	16.7901	3.248499999999999	49.0	3.8	0.5999999999999943	8.79391	111.93	8.0
2022-08	11.214592	7.995731	19.210323	3.2188609999999995	49.4	4.2	0.9000000000000057	8.89004	100.45	8.0
2022-09	10.656147	7.99935	18.655497	2.6567970000000001	50.1	6.3	-2.0	8.52476	89.76	7.5
2022-10	10.229783	7.40763	17.637413	2.8221529999999992	49.2	5.0	-1.5	8.46492	93.33	7.5
2022-11	10.544851	7.711419	18.25627	2.8334319999999993	48.0	2.2	-0.20000000000000284	8.44543	91.42	7.5
2022-12	8.996554	8.808515	17.805069	0.1880389999999985	47.0	1.3	-2.2000000000000003	9.37825	80.92	7.5
2023-01	9.305275	8.085351	17.390625999999997	1.2199240000000007	50.1		-2.0	10.1588	82.5	7.5
2023-02	9.343636	6.951287	16.294923	2.3923490000000003	52.6		-1.2000000000000028	10.6598	82.59	7.5
2023-03	11.0206	9.0442	20.064799999999998	1.9764	51.9	3.9	1.4000000000000057	11.0163	78.43	7.5
2023-04	9.606399999999999	9.6219	19.228299999999997	-0.01550000000000118	49.2	5.6	5.2000000000000003	11.7397	84.64	7.5
2023-05	11.3056	9.2675	20.5731	2.0381	48.8	3.5	7.299999999999997	11.3021	75.47	7.5
2023-06	11.28	9.5513	20.8313	1.7287	49.0	4.4	6.099999999999994	11.6182	74.84	7.5
2023-07	9.207799999999999	10.2801000000000001	19.4879	-1.0723000000000002	49.3	3.7	6.0	12.557	80.11	8.5
2023-08	11.515	9.2995	20.8145000000000002	2.2155000000000005	49.7	4.5	6.599999999999994	13.1167	86.15	12.0
2023-09	11.5315	9.6455	21.177	1.8859999999999992	50.2	4.5	6.7000000000000003	13.2237	93.72	13.0
2023-10	11.107	8.685	19.792	2.421999999999999	49.5	4.6	6.299999999999997	13.2664	90.6	15.0
2023-11	11.2085	10.2994	21.5079	0.9091000000000005	49.4	6.6	5.299999999999997	12.4767	82.94	15.0
2023-12	11.196184	10.709681	21.905865	0.4865030000000008	49.0	6.8	3.799999999999997	12.6918	77.63	16.0
2024-01	10.464869	9.22305	19.687919	1.2418189999999996	49.2		5.299999999999997	12.3079	80.12	16.0
2024-02	9.737504	7.584844	17.322347999999998	2.152659999999999	49.1		8.9000000000000006	12.6574	83.48	16.0
2024-03	12.197009	7.608955	19.805964	4.588054	50.8	4.5	4.5	12.6895	85.41	16.0
2024-04	11.447808	8.316998	19.764806	3.1308100000000003	50.4	6.7	5.299999999999997	12.7988	89.94	16.0
2024-05	10.7276	9.0861	19.8137	1.6415000000000006	49.5	5.6	6.299999999999997	12.4942	81.75	16.0
2024-06	10.366299999999999	9.8835	20.2498	0.4827999999999923	49.5	5.3	2.799999999999997	11.9755	82.25	16.0
2024-07	9.706183	9.991769	19.697952	-0.28558600000000034	49.4	5.1	4.0	11.9302	85.15	18.0
2024-08	11.4229	10.2638	21.686700000000002	1.1591000000000005	49.1	4.5	3.2000000000000003	11.9125	80.36	18.0
2024-09	10.5626	11.2467	21.8093	-0.6841000000000008	49.8	5.4	3.0	12.7892	74.02	19.0
2024-10	10.7905	11.0045	21.795	-0.2140000000000004	50.1	5.3	5.5	13.5109	75.63	21.0
2024-11	10.477799999999998	10.0383	20.516099999999998	0.4394999999999989	50.3	5.4	3.799999999999997	13.8952	74.35	21.0
2024-12	10.670387	11.303071	21.973458	-0.6326839999999994	50.1	6.2	8.7000000000000003	13.8898	73.86	21.0
2025-01	9.650937	9.155053	18.80599	0.49588400000000002	49.1		1.0	13.6691875	79.27	21.0
2025-02	10.081753	5.800956	15.8827090000000002	4.2807970000000001	50.2		-0.9000000000000057	12.61221	75.44	21.0

date	ru_exports_to_cn_usd_bn	ru_imports_from_cn_usd_bn	total_trade_usd_bn	ru_trade_balance_usd_bn	china_pmi	china_industrial_production_yoy	russia_industrial_production_yoy	cny_rub	brent_usd	russia_key_rate_eom
2025-03	10.678600000000001	7.768800000000001	18.447400000000002	2.9098000000000006	50.5	7.7	0.20000000000000284	11.796195238095239	72.73	21.0
2025-04	9.7217	8.0891	17.8108	1.6326	49.0	6.1	1.299999999999972	11.38793181818182	68.13	21.0
2025-05	9.602	8.1012	17.703200000000002	1.5008	49.5	5.8	1.2000000000000028	11.108673684210526	64.45	21.0
2025-06	9.3215	8.282	17.6035	1.0395000000000003	49.7	6.8	2.099999999999943	10.924872222222222	71.44	20.0
2025-07	10.0576	9.0807	19.1383	0.9769000000000005	49.3	5.7	1.5	10.9683	71.04	18.0
2025-08	9.355977	8.546915	17.902892	0.8090619999999991	49.4	5.2	1.0	11.1325	67.87	18.0
2025-09	10.956100000000001	8.869200000000001	19.825300000000002	2.0869	49.8	6.5	1.099999999999943	11.6073	67.99	17.0

date	ru_exports_yoy	ru_imports_yoy	total_trade_yoy	ru_exports_mom	ru_imports_mom	total_trade_mom	cny_rub_mom_calc	brent_mom	brent_yoy
2025-09	0.037254085168424655	-0.2113953426338392	-0.09097036585309926	0.17102682060890073	0.03770775771140822	0.10737974624434976	0.04264989894453186	0.0017680860468540782	-0.08146446906241556

date	ln_ru_exports	ln_ru_imports	ln_total_trade	ln_cny_rub	ln_brent	dln_ru_exports	dln_ru_imports	dln_total_trade	dln_cny_rub	dln_brent
2025-09	2.393896378777943	2.1825846005967042	2.986958899814993	2.451634210524428	4.219360635538369	0.15788098837455156	0.03701420147222034	0.10199663577257079	0.041765452310707385	0.001766524822701676

D. PMI and CNY/RUB lag structure

date	china_pmi_lag1	china_pmi_lag2	china_pmi_lag3	china_pmi_lag6	cny_rub_lag1	cny_rub_lag2	cny_rub_lag3	cny_rub_mom_lag1	cny_rub_mom_lag2	cny_rub_mom_lag3
2019-01										
2019-02	49.5				9.82623					
2019-03	49.2	49.5			9.76456	9.82623		-0.006276059078609064		
2019-04	50.5	49.2	49.5		9.70097	9.76456	9.82623	-0.006512326208246932	-0.006276059078609064	
2019-05	50.1	50.5	49.2		9.61957	9.70097	9.76456	-0.008390913485970986	-0.006512326208246932	-0.006276059078609064
2019-06	49.4	50.1	50.5		9.43727	9.61957	9.70097	-0.018950951030035634	-0.008390913485970986	-0.006512326208246932
2019-07	49.4	49.4	50.1	49.5	9.29793	9.43727	9.61957	-0.014764863143684637	-0.018950951030035634	-0.008390913485970986
2019-08	49.7	49.4	49.4	49.2	9.19297	9.29793	9.43727	-0.011288534114582305	-0.014764863143684637	-0.018950951030035634
2019-09	49.5	49.7	49.4	50.5	9.29563	9.19297	9.29793	0.011167228871626689	-0.011288534114582305	-0.014764863143684637
2019-10	49.8	49.5	49.7	50.1	9.127	9.29563	9.19297	-0.01814078228156657	0.011167228871626689	-0.011288534114582305
2019-11	49.3	49.8	49.5	49.4	9.06479	9.127	9.29563	-0.006816040319929884	-0.01814078228156657	0.011167228871626689
2019-12	50.2	49.3	49.8	49.4	9.0987	9.06479	9.127	0.003740847829899918	-0.006816040319929884	-0.01814078228156657
2020-01	50.2	50.2	49.3	49.7	8.96643	9.0987	9.06479	-0.014537241583962413	0.003740847829899918	-0.006816040319929884
2020-02	50.0	50.2	50.2	49.5	8.94129	8.96643	9.0987	-0.0028037914755371096	-0.014537241583962413	0.003740847829899918
2020-03	35.7	50.0	50.2	49.8	9.14788	8.94129	8.96643	0.02310516715149613	-0.0028037914755371096	-0.014537241583962413
2020-04	52.0	35.7	50.0	49.3	10.5025	9.14788	8.94129	0.14808021093411794	0.02310516715149613	-0.0028037914755371096
2020-05	50.8	52.0	35.7	50.2	10.5726	10.5025	9.14788	0.006674601285408199	0.02310516715149613	0.02310516715149613
2020-06	50.6	50.8	52.0	50.2	10.19578	10.5726	10.5025	-0.03564118570644881	0.006674601285408199	0.14808021093411794
2020-07	50.9	50.6	50.8	50.0	9.76411	10.19578	10.5726	-0.04233810458836884	-0.03564118570644881	0.006674601285408199
2020-08	51.1	50.9	50.6	35.7	10.1621	9.76411	10.19578	0.04076049942083815	-0.04233810458836884	-0.03564118570644881
2020-09	51.0	51.1	50.9	52.0	10.6419	10.1621	9.76411	0.04721465051514939	0.04076049942083815	-0.04233810458836884
2020-10	51.5	51.0	51.1	50.8	11.1149	10.6419	10.1621	0.04444695026264123	0.04721465051514939	0.04076049942083815
2020-11	51.4	51.5	51.0	50.6	11.5374	11.1149	10.6419	0.03801203789507768	0.04444695026264123	0.04721465051514939
2020-12	52.1	51.4	51.5	50.9	11.641	11.5374	11.1149	0.00897949278000243	0.03801203789507768	0.04444695026264123
2021-01	51.9	52.1	51.4	51.1	11.3423	11.641	11.5374	-0.02565930761962032	0.00897949278000243	0.03801203789507768
2021-02	51.3	51.9	52.1	51.0	11.4848	11.3423	11.641	0.012563589395448993	-0.02565930761962032	0.00897949278000243
2021-03	50.6	51.3	51.9	51.5	11.5066	11.4848	11.3423	0.001898161047645619	0.012563589395448993	-0.02565930761962032
2021-04	51.9	50.6	51.3	51.4	11.4348	11.5066	11.4848	-0.006239897102532588	0.001898161047645619	0.012563589395448993
2021-05	51.1	51.9	50.6	52.1	11.6685	11.4348	11.5066	0.020437611501731512	-0.006239897102532588	0.001898161047645619
2021-06	51.0	51.1	51.9	51.9	11.5006	11.6685	11.4348	-0.014389167416548831	0.020437611501731512	-0.006239897102532588
2021-07	50.9	51.0	51.1	51.3	11.3105	11.5006	11.6685	-0.016529572370137302	-0.014389167416548831	0.020437611501731512
2021-08	50.4	50.9	51.0	50.6	11.4141	11.3105	11.5006	0.00915963043189949	-0.016529572370137302	-0.014389167416548831
2021-09	50.1	50.4	50.9	51.9	11.3598	11.4141	11.3105	-0.004757273898073344	0.00915963043189949	-0.016529572370137302
2021-10	49.6	50.1	50.4	51.1	11.2932	11.3598	11.4141	-0.005862779274282914	-0.004757273898073344	0.00915963043189949
2021-11	49.2	49.6	50.1	51.0	11.1226	11.2932	11.3598	-0.005862779274282914	-0.005862779274282914	-0.004757273898073344
2021-12	50.1	49.2	49.6	50.9	11.3784	11.1226	11.2932	0.02299821984068462	-0.01510643573123649	-0.005862779274282914
2022-01	50.3	50.1	49.2	50.4	11.5832	11.3784	11.1226	0.01799901567883011	0.02299821984068462	-0.01510643573123649
2022-02	50.1	50.3	50.1	50.1	12.0621	11.5832	11.3784	0.04134436079839765	0.01799901567883011	0.02299821984068462
2022-03	50.2	50.1	50.3	49.6	12.156	12.0621	11.5832	0.007784714104509316	0.04134436079839765	0.01799901567883011
2022-04	49.5	50.2	50.1	49.2	16.3161	12.156	12.0621	0.3422260612043433	0.007784714104509316	0.04134436079839765
2022-05	47.4	49.5	50.2	50.1	12.1424	16.3161	12.156	-0.2558025508546772	0.3422260612043433	0.007784714104509316
2022-06	49.6	47.4	49.5	50.3	9.49178	12.1424	16.3161	-0.258025508546772	-0.2558025508546772	0.3422260612043433
2022-07	50.2	49.6	47.4	50.1	8.67516	9.49178	12.1424	-0.08603444243334768	-0.21829457108973516	-0.2558025508546772
2022-08	49.0	50.2	49.6	50.2	8.79391	8.67516	9.49178	0.013688508338751237	-0.08603444243334768	-0.21829457108973516
2022-09	49.4	49.0	50.2	49.5	8.89004	8.79391	8.67516	0.010931428681894673	0.013688508338751237	-0.08603444243334768
2022-10	50.1	49.4	49.0	47.4	8.52476	8.89004	8.79391	-0.0410886790160675	0.010931428681894673	0.013688508338751237
2022-11	49.2	50.1	49.4	49.6	8.46492	8.52476	8.89004	-0.007019552456608902	-0.0410886790160675	0.010931428681894673
2022-12	48.0	49.2	50.1	50.2	8.44543	8.46492	8.52476	-0.0023024434962172213	-0.007019552456608902	-0.0410886790160675
2023-01	47.0	48.0	49.2	49.0	9.37825	8.44543	8.46492	0.11045263533058702	-0.0023024434962172213	-0.007019552456608902
2023-02	50.1	47.0	48.0	49.4	10.1588	9.37825	8.44543	0.08322981366459636	0.11045263533058702	-0.0023024434962172213
2023-03	52.6	50.1	47.0	50.1	10.6598	10.1588	9.37825	0.04931684844666706	0.08322981366459636	0.11045263533058702
2023-04	51.9	52.6	50.1	49.2	11.0163	10.6598	10.1588	0.0334434041914482	0.04931684844666706	0.08322981366459636
2023-05	49.2	51.9	52.6	48.0	11.7397	11.0163	10.6598	0.0656663308007226	0.0334434041914482	0.04931684844666706
2023-06	48.8	49.2	51.9	47.0	11.3021	11.7397	11.0163	-0.037275228498172885	0.0656663308007226	0.0334434041914482
2023-07	49.0	48.8	49.2	50.1	11.6182	11.3021	11.7397	0.027968253687367772	-0.037275228498172885	0.0656663308007226
2023-08	49.3	49.0	48.8	52.6	12.557	11.6182	11.3021	0.08080425539240155	0.027968253687367772	-0.037275228498172885
2023-09	49.7	49.3	49.0	51.9	13.1167	12.557	11.6182	0.044572748267898366	0.08080425539240155	0.027968253687367772
2023-10	50.2	49.7	49.3	49.2	13.2237	13.1167	12.557	0.008157539625058163	0.044572748267898366	0.08080425539240155
2023-11	49.5	50.2	49.7	48.8	13.2664	13.2237	13.1167	0.0032290508707850663	0.008157539625058163	0.044572748267898366
2023-12	49.4	49.5	50.2	49.0	12.4767	13.2664	13.2237	-0.059526322137128496	0.0032290508707850663	0.008157539625058163
2024-01	49.0	49.4	49.5	49.3	12.6918	12.4767	13.2664	0.01724013561278226	-0.059526322137128496	0.0032290508707850663
2024-02	49.2	49.0	49.4	49.7	12.3079	12.6918	12.4767	-0.030247876581730004	0.01724013561278226	-0.059526322137128496
2024-03	49.1	49.2	49.0	50.2	12.6574	12.3079	12.6918	0.02839639581082065	-0.030247876581730004	0.01724013561278226
2024-04	50.8	49.1	49.2	49.5	12.6895	12.6574	12.3079	0.002536065858707248	0.02839639581082065	-0.030247876581730004
2024-05	50.4	50.8	49.1	49.4	12.7988	12.6895	12.6574	0.008613420544544725	0.002536065858707248	0.02839639581082065
2024-06	49.5	50.4	50.8	49.0	12.4942	12.7988	12.6895	-0.023799106166203177	0.008613420544544725	0.002536065858707248
2024-07	49.5	49.5	50.4	49.2	11.9755	12.4942	12.7988	-0.041515263082069986	-0.023799106166203177	0.008613420544544725
2024-08	49.4	49.5	49.5	49.1	11.9302	11.9755	12.4942	-0.003782723059580051	-0.041515263082069986	-0.023799106166203177
2024-09	49.1	49.4	49.5	50.8	11.9125	11.9302	11.9755	-0.001483629779886253	-0.003782723059580051	-0.041515263082069986
2024-10	49.8	49.1	49.4	50.4	12.7892	11.9125	11.9302	0.07359496327387194	-0.001483629779886253	-0.003782723059580051
2024-11	50.1	49.8	49.1	49.5	13.5109	12.7892	11.9125	0.05643042567166057	0.07359496327387194	-0.001483629779886253
2024-12	50.3	50.1	49.8	49.5	13.8952	13.5109	12.7892	0.028443701011775735	0.05643042567166057	0.07359496327387194
2025-01	50.1	50.3	50.1	49.4	13.8898	13.8952	13.5109	-0.0003886234095228369	0.028443701011775735	0.05643042567166057
2025-02	49.1	50.1	50.3	49.1	13.6691875	13.8898	13.8952	-0.015883058071390455	-0.0003886234095228369	0.028443701011775735
2025-03	50.2	49.1	50.1	49.8	12.61221	13.6691875	13.8898	-0.07732555428038423	-0.015883058071390455	-0.0003886234095228369
2025-04	50.5	50.2	49.1	50.1	11.796195238095239	12.61221	13.6691875	-0.06470037859381983	-0.07732555428038423	-0.015883058071390455
2025-05	49.0	50.5	50.2	50.3	11.38793181818182	11.796195238095239	12.61221	-0.03460975438885183	-0.06470037859381983	-0.07732555428038423
2025-06										

date	china_pmi_lag1	china_pmi_lag2	china_pmi_lag3	china_pmi_lag6	cny_rub_lag1	cny_rub_lag2	cny_rub_lag3	cny_rub_mom_lag1	cny_rub_mom_lag2	cny_rub_mom_lag3
2025-09	49.4	49.3	49.7	50.5	11.1325	10.9683	10.924872222222222	0.014970414740661742	0.003975129126859933	-0.01654576119645612

E. Brent lags and sample/event flags

date	brent_lag1	brent_lag2	brent_lag3	post_2022	year_2022	covid_shock_flag	year2022_shock_flag	analysis_ready_core
2019-01				0	0	0	0	1
2019-02	59.41			0	0	0	0	1
2019-03	63.96	59.41		0	0	0	0	1
2019-04	66.14	63.96	59.41	0	0	0	0	1
2019-05	71.23	66.14	63.96	0	0	0	0	1
2019-06	71.32	71.23	66.14	0	0	0	0	1
2019-07	64.22	71.32	71.23	0	0	0	0	1
2019-08	63.92	64.22	71.32	0	0	0	0	1
2019-09	59.04	63.92	64.22	0	0	0	0	1
2019-10	62.83	59.04	63.92	0	0	0	0	1
2019-11	59.71	62.83	59.04	0	0	0	0	1
2019-12	63.21	59.71	62.83	0	0	0	0	1
2020-01	67.31	63.21	59.71	0	0	0	0	1
2020-02	63.65	67.31	63.21	0	0	1	0	1
2020-03	55.66	63.65	67.31	0	0	1	0	1
2020-04	32.01	55.66	63.65	0	0	1	0	1
2020-05	18.38	32.01	55.66	0	0	1	0	1
2020-06	29.38	18.38	32.01	0	0	0	0	1
2020-07	40.27	29.38	18.38	0	0	0	0	1
2020-08	43.24	40.27	29.38	0	0	0	0	1
2020-09	44.74	43.24	40.27	0	0	0	0	1
2020-10	40.91	44.74	43.24	0	0	0	0	1
2020-11	40.19	40.91	44.74	0	0	0	0	1
2020-12	42.69	40.19	40.91	0	0	0	0	1
2021-01	49.99	42.69	40.19	0	0	0	0	1
2021-02	54.77	49.99	42.69	0	0	0	0	1
2021-03	62.28	54.77	49.99	0	0	0	0	1
2021-04	65.41	62.28	54.77	0	0	0	0	1
2021-05	64.81	65.41	62.28	0	0	0	0	1
2021-06	68.53	64.81	65.41	0	0	0	0	1
2021-07	73.16	68.53	64.81	0	0	0	0	1
2021-08	75.17	73.16	68.53	0	0	0	0	1
2021-09	70.75	75.17	73.16	0	0	0	0	1
2021-10	74.49	70.75	75.17	0	0	0	0	1
2021-11	83.54	74.49	70.75	0	0	0	0	1
2021-12	81.05	83.54	74.49	0	0	0	0	1
2022-01	74.17	81.05	83.54	1	1	0	0	1
2022-02	86.51	74.17	81.05	1	1	0	1	1
2022-03	97.13	86.51	74.17	1	1	0	1	1
2022-04	117.25	97.13	86.51	1	1	0	1	1
2022-05	104.58	117.25	97.13	1	1	0	0	1
2022-06	113.34	104.58	117.25	1	1	0	0	1
2022-07	122.71	113.34	104.58	1	1	0	0	1
2022-08	111.93	122.71	113.34	1	1	0	0	1
2022-09	100.45	111.93	122.71	1	1	0	0	1
2022-10	89.76	100.45	111.93	1	1	0	0	1
2022-11	93.33	89.76	100.45	1	1	0	0	1
2022-12	91.42	93.33	89.76	1	1	0	0	1
2023-01	80.92	91.42	93.33	1	0	0	0	1
2023-02	82.5	80.92	91.42	1	0	0	0	1
2023-03	82.59	82.5	80.92	1	0	0	0	1
2023-04	78.43	82.59	82.5	1	0	0	0	1
2023-05	84.64	78.43	82.59	1	0	0	0	1
2023-06	75.47	84.64	78.43	1	0	0	0	1
2023-07	74.84	75.47	84.64	1	0	0	0	1
2023-08	80.11	74.84	75.47	1	0	0	0	1
2023-09	86.15	80.11	74.84	1	0	0	0	1
2023-10	93.72	86.15	80.11	1	0	0	0	1
2023-11	90.6	93.72	86.15	1	0	0	0	1
2023-12	82.94	90.6	93.72	1	0	0	0	1
2024-01	77.63	82.94	90.6	1	0	0	0	1
2024-02	80.12	77.63	82.94	1	0	0	0	1
2024-03	83.48	80.12	77.63	1	0	0	0	1
2024-04	85.41	83.48	80.12	1	0	0	0	1
2024-05	89.94	85.41	83.48	1	0	0	0	1
2024-06	81.75	89.94	85.41	1	0	0	0	1
2024-07	82.25	81.75	89.94	1	0	0	0	1
2024-08	85.15	82.25	81.75	1	0	0	0	1
2024-09	80.36	85.15	82.25	1	0	0	0	1
2024-10	74.02	80.36	85.15	1	0	0	0	1
2024-11	75.63	74.02	80.36	1	0	0	0	1
2024-12	74.35	75.63	74.02	1	0	0	0	1
2025-01	73.86	74.35	75.63	1	0	0	0	1
2025-02	79.27	73.86	74.35	1	0	0	0	1
2025-03	75.44	79.27	73.86	1	0	0	0	1
2025-04	72.73	75.44	79.27	1	0	0	0	1
2025-05	68.13	72.73	75.44	1	0	0	0	1
2025-06	64.45	68.13	72.73	1	0	0	0	1
2025-07	71.44	64.45	68.13	1	0	0	0	1
2025-08	71.04	71.44	64.45	1	0	0	0	1

date	brent_lag1	brent_lag2	brent_lag3	post_2022	year_2022	covid_shock_flag	year2022_shock_flag	analysis_ready_core
2025-09	67.87	71.04	71.44	1	0	0	0	1

F. Source hardening and GACC fields

date	trade_source_status	fx_source_status	russia_ip_source_status	source_hardening_status	gacc_exact_ru_exports_to_cn_usd_bn	gacc_exact_ru_imports_from_cn_usd_bn	gacc_exact_total_trade_usd_bn	gacc_published_total_usd_bn	gacc_value_method	gacc_source_note
2019-01	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.894	4.309699999999999	9.2037	9.203700000000001	official_GACC_published_month	
2019-02	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.0858	2.7524	6.8382000000000005	6.8382	official_GACC_published_month	
2019-03	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.5336000000000001	3.5825	8.116100000000001	8.1162	official_GACC_published_month	
2019-04	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.191	3.7167	8.9077	8.9077	official_GACC_published_month	
2019-05	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.349399999999999	3.795099999999997	9.144499999999999	9.1445	official_GACC_published_month	
2019-06	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.27855	3.986712	9.265262	9.265261	official_GACC_published_month	
2019-07	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.724699999999995	4.5332	9.2579	9.2579	official_GACC_published_month	
2019-08	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.9372	4.4753	9.4125	9.412600000000001	official_GACC_published_month	
2019-09	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.973	4.5034	9.4764	9.4764	official_GACC_published_month	
2019-10	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.2631000000000006	4.383	9.6461	9.6462	official_GACC_published_month	
2019-11	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.528	4.5278	10.0558	10.0559	official_GACC_published_month	
2019-12	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.5392	4.8818	10.421	10.421	official_GACC_published_month	
2020-01	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	6.108726	4.449182	10.557908000000001	10.557908	official_GACC_detailed_USD_thousand	
2020-02	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.173186	1.577616	6.750802	6.750802	official_GACC_detailed_USD_thousand	
2020-03	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.972401	3.119484	8.091885	8.091885	official_GACC_detailed_USD_thousand	
2020-04	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.216529	3.97817	8.194699	8.194698	official_GACC_detailed_USD_thousand	
2020-05	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	3.560059	3.804802	7.364860999999999	7.364861	official_GACC_detailed_USD_thousand	
2020-06	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.198191	3.988365	8.186556	8.186556	official_GACC_detailed_USD_thousand	
2020-07	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.77982	4.892651	9.672471	9.672472	official_GACC_detailed_USD_thousand	
2020-08	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.539571	5.258582	9.798153	9.798153	official_GACC_detailed_USD_thousand	
2020-09	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.417576	4.799443	10.217019	10.21702	official_GACC_detailed_USD_thousand	
2020-10	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.627507	4.724517	9.352024	9.352025	official_GACC_detailed_USD_thousand	
2020-11	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.437008	4.757221	9.194229	9.19423	official_GACC_detailed_USD_thousand	
2020-12	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.15972	5.274945	10.434664999999999	10.434664	official_GACC_detailed_USD_thousand	
2021-01	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.896743	4.757858	9.654601	9.6546	official_GACC_detailed_USD_thousand	
2021-02	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	4.966105	4.163444	9.129549	9.129549	official_GACC_detailed_USD_thousand	
2021-03	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	6.206309	4.142344	10.348652999999999	10.348653	official_GACC_detailed_USD_thousand	
2021-04	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.675606	5.128195	10.803801	10.803801	official_GACC_detailed_USD_thousand	
2021-05	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	5.71873	4.731096	10.449826	10.449826	official_GACC_detailed_USD_thousand	
2021-06	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	6.235315	6.028295	12.26361	12.263609	official_GACC_detailed_USD_thousand	
2021-07	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	6.710439	5.539592	12.250031	12.250031	official_GACC_detailed_USD_thousand	
2021-08	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	7.041652	6.321637	13.363289	13.363289	official_GACC_detailed_USD_thousand	
2021-09	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	6.867821	6.601057	13.468878	13.468878	official_GACC_detailed_USD_thousand	
2021-10	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	7.522064	5.504575	13.026639	13.026639	official_GACC_detailed_USD_thousand	

date	trade_source_status	fx_source_status	russia_ip_source_status	source_hardening_status	gacc_exact_ru_exports_to_cn_usd_bn	gacc_exact_ru_imports_from_cn_usd_bn	gacc_exact_total_trade_usd_bn	gacc_published_total_usd_bn	gacc_value_method	gacc_source_note
2024-09	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.5626	11.2467	21.8093	21.8093	official_GACC_major_country_USD_million	
2024-10	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.7905	11.0045	21.795	21.795	official_GACC_major_country_USD_million	
2024-11	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.477799999999998	10.0383	20.516099999999998	20.516099999999998	official_GACC_major_country_USD_million	
2024-12	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.670387	11.303071	21.973458	21.973458	official_GACC_detailed_USD_thousand	
2025-01	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	9.650937	9.155053	18.80599	18.805991	official_GACC_detailed_USD_thousand_derived_Jan=FebYTD-Feb	Component-derived; published total differs by USD 1k due table rounding
2025-02	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.081753	5.800956	15.882709000000002	15.882708	official_GACC_detailed_USD_thousand	
2025-03	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.678600000000001	7.768800000000001	18.447400000000002	18.447400000000002	official_GACC_major_country_USD_million	
2025-04	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	9.7217	8.0891	17.8108	17.8108	official_GACC_major_country_USD_million	
2025-05	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	9.602	8.1012	17.703200000000002	17.703200000000002	official_GACC_major_country_USD_million	
2025-06	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	9.3215	8.282	17.6035	17.6034	official_GACC_major_country_USD_million	
2025-07	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.0576	9.0807	19.1383	19.1383	official_GACC_major_country_USD_million	
2025-08	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	9.355977	8.546915	17.902892	17.902892	official_GACC_detailed_USD_thousand	
2025-09	official_GACC_monthly_country_tables_full_2019-01_2025-09_published_precision	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings	Rosstat_official_monthly_yoy_full_window; percent_change=index_minus_100	GACC_closed; CBR_daily_fixing_provenance_closed_analysis_series_author_aggregated; Russia_IP_closed	10.956100000000001	8.869200000000001	19.825300000000002	19.8253	official_GACC_major_country_USD_million	

G. CBR published exchange-rate fields

[illegible]

date	cbr_published_mean_cny_rub	cbr_eop_cny_rub	cbr_mean_source_method
2025-09	11.6056	11.5978	author_constructed_arithmetic_monthly_mean_of_CBR_official_daily_fixings