

Deutsche Bank

Payment Services Directive 2

DE | Deutsche Bank AG | DB

KPI & Statistics

## Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
April 1	2092	1209	1993	100%	100%	100%
April 2	2064	1286	815	100%	100%	100%
April 3	1584	870	743	100%	100%	100%
April 4	1717	986	1009	100%	100%	100%
April 5	2601	1523	2073	100%	100%	100%
April 6	1798	1058	1136	100%	100%	100%
April 7	1821	995	948	100%	100%	100%
April 8	2047	1150	1298	100%	100%	100%
April 9	1684	965	984	100%	100%	100%
April 10	1565	826	712	100%	100%	100%
April 11	1629	857	866	100%	100%	100%
April 12	1644	857	821	100%	100%	100%
April 13	1698	888	897	100%	100%	100%
April 14	1751	895	1002	100%	100%	100%
April 15	1603	860	815	100%	100%	100%
April 16	1553	807	708	100%	100%	100%
April 17	1577	836	733	100%	100%	100%
April 18	1530	787	705	100%	100%	100%
April 19	1621	865	912	100%	100%	100%
April 20	1789	947	891	100%	100%	100%
April 21	2093	1442	1128	100%	100%	100%
April 22	1904	1174	880	100%	100%	100%
April 23	2259	1528	691	100%	100%	100%
April 24	2042	1355	672	100%	100%	100%
April 25	1659	848	943	100%	100%	100%
April 26	1663	851	889	100%	100%	100%
April 27	1708	928	1047	100%	100%	100%
April 28	1623	895	928	100%	100%	100%
April 29	1627	908	1084	100%	100%	100%
April 30	1651	901	760	100%	100%	100%

All figures are shown as a monthly average time (in milliseconds) resp. percentage (in %) value.

Find more information on our KPIs here: <https://www.deutsche-bank.de/pk/lp/xs2a/psd2-statistics.standalone.html>

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[DE | Deutsche Bank AG | DB](#)

## Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
May 1	1533	782	677	100%	100%	100%
May 2	1611	875	897	100%	100%	100%
May 3	2311	1485	1863	100%	100%	100%
May 4	1700	887	908	100%	100%	100%
May 5	1621	883	933	100%	100%	100%
May 6	1735	941	1103	100%	100%	100%
May 7	1592	856	959	100%	100%	100%
May 8	1532	822	640	100%	100%	100%
May 9	1632	869	901	100%	100%	100%
May 10	1649	904	916	100%	100%	100%
May 11	1621	851	829	100%	100%	100%
May 12	1643	854	827	100%	100%	100%
May 13	2164	1171	1666	100%	100%	100%
May 14	1633	882	1590	100%	100%	100%
May 15	1554	843	636	100%	100%	100%
May 16	1573	824	705	100%	100%	100%
May 17	1604	805	758	100%	100%	100%
May 18	1601	810	916	100%	100%	100%
May 19	1543	808	841	100%	100%	100%
May 20	1573	800	712	100%	100%	100%
May 21	1515	788	701	100%	100%	100%
May 22	1563	770	595	100%	100%	100%
May 23	1644	883	688	100%	100%	100%
May 24	1605	817	774	100%	100%	100%
May 25	1662	859	768	100%	100%	100%
May 26	1541	770	677	100%	100%	100%
May 27	1579	817	846	100%	100%	100%
May 28	1543	767	635	100%	100%	100%
May 29	1506	776	669	100%	100%	100%
May 30	1699	880	942	100%	100%	100%
May 31	2220	1278	2089	100%	100%	100%

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## KPI &amp; Statistics

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## Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
June 1	2292	1359	1926	100%	100%	100%
June 2	2248	1305	1806	100%	100%	100%
June 3	1860	1042	836	100%	100%	100%
June 4	1616	821	711	100%	100%	100%
June 5	1602	851	764	100%	100%	100%
June 6	1569	799	993	100%	100%	100%
June 7	1633	867	796	100%	100%	100%
June 8	2372	1433	1319	100%	100%	100%
June 9	2125	1229	1070	100%	100%	100%
June 10	1888	1032	1154	100%	100%	100%
June 11	1602	828	887	100%	100%	100%
June 12	1553	806	681	100%	100%	100%
June 13	1695	929	738	100%	100%	100%
June 14	2339	1348	2436	100%	100%	100%
June 15	2078	1127	1080	100%	100%	100%
June 16	1709	937	1003	100%	100%	100%
June 17	1654	855	716	100%	100%	100%
June 18	1755	990	880	100%	100%	100%
June 19	1800	1013	882	100%	100%	100%
June 20	1800	977	918	100%	100%	100%
June 21	1915	1049	1027	100%	100%	100%
June 22	1821	952	1144	100%	100%	100%
June 23	1753	880	877	100%	100%	100%
June 24	1714	882	872	100%	100%	100%
June 25	1612	851	903	100%	100%	100%
June 26	1656	850	773	100%	100%	100%
June 27	2037	1175	1233	100%	100%	100%
June 28	3361	1890	2325	100%	100%	100%
June 29	2672	1632	2641	100%	100%	100%
June 30	2298	1397	1961	100%	100%	100%

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## KPI &amp; Statistics

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
April 1	2914	1394	1956	100%		
April 2	1646	2063	2246	100%		
April 3	2106	2481	2042	100%		
April 4	2352	1905	2757	100%		
April 5	2315	1125	1758	100%		
April 6	1218	1458	2065	100%		
April 7	1503	2228	1205	100%		
April 8	1662	1790	1315	100%		
April 9	2269	1122	2668	100%		
April 10	1209	2998	2906	100%		
April 11	1971	2598	1410	100%		
April 12	1525	2619	1534	100%		
April 13	1142	2529	1977	100%		
April 14	1150	2492	1134	100%		
April 15	2087	1249	2869	100%		
April 16	2606	2731	1146	100%		
April 17	2671	2127	2084	100%		
April 18	1141	2934	2663	100%		
April 19	1975	2018	1892	100%		
April 20	1110	2704	2022	100%		
April 21	1049	1880	1769	100%		
April 22	2933	1288	1008	100%		
April 23	1865	1043	2098	100%		
April 24	2832	2101	1119	100%		
April 25	2097	1375	2466	100%		
April 26	1772	2687	1645	100%		
April 27	1322	1021	2876	100%		
April 28	2248	2892	1319	100%		
April 29	2121	1959	2582	100%		
April 30	1821	1364	1181	100%		

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
May 1	2310	2242	2352	100%		
May 2	2574	1977	1309	100%		
May 3	1799	1599	2713	100%		
May 4	1509	1990	1156	100%		
May 5	2592	2615	1008	100%		
May 6	1090	2140	1268	100%		
May 7	1937	2910	1145	100%		
May 8	2833	1104	2784	100%		
May 9	2037	2676	2717	100%		
May 10	1566	2416	1006	100%		
May 11	1092	1437	2184	100%		
May 12	2563	2072	2598	100%		
May 13	1169	1514	2219	100%		
May 14	2367	1153	1166	100%		
May 15	1889	1033	1750	100%		
May 16	1356	2380	1859	100%		
May 17	2728	2447	2959	100%		
May 18	2235	2516	2955	100%		
May 19	2189	2481	2949	100%		
May 20	2161	2438	2954	100%		
May 21	2171	2382	3005	100%		
May 22	2169	2392	2954	100%		
May 23	2369	2619	3130	100%		
May 24	2237	2554	2985	100%		
May 25	2206	2461	2967	100%		
May 26	2066	2246	2914	100%		
May 27	2291	2514	2951	100%		
May 28	2905	3194	2969	100%		
May 29	2992	3302	2940	100%		
May 30	2408	2787	3032	100%		
May 31	2238	2551	3016	100%		

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## KPI &amp; Statistics

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
June 1	2286	2603	3016	100%		
June 2	2194	2504	2986	100%		
June 3	2186	2497	2999	100%		
June 4	2051	2252	2991	100%		
June 5	2066	2248	2906	100%		
June 6	2057	2259	2914	100%		
June 7	2147	2398	2976	100%		
June 8	2200	2429	2947	100%		
June 9	2338	2386	2950	100%		
June 10	2268	2500	3118	100%		
June 11	2052	2231	2961	100%		
June 12	2056	2248	2907	100%		
June 13	2117	2330	2958	100%		
June 14	2134	2358	2960	100%		
June 15	2184	2422	2961	100%		
June 16	2069	2263	2927	100%		
June 17	2142	2372	2940	100%		
June 18	2105	2273	2996	100%		
June 19	2326	2273	2930	100%		
June 20	2208	2471	2986	100%		
June 21	2193	2426	2971	100%		
June 22	2163	2407	2954	100%		
June 23	2158	2429	2954	100%		
June 24	2147	2400	2950	100%		
June 25	2076	2284	2959	100%		
June 26	2082	2277	2922	100%		
June 27	2255	2527	3012	100%		
June 28	2255	2555	1707	100%		
June 29	2304	2607	3026	100%		
June 30	2139	2338	2993	100%		

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## KPI &amp; Statistics

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## Mobile Channel

	AIS Bal	AIS Tra	PIS Single	Up		
April 1	2042	2739	2064	100%		
April 2	2338	1405	2190	100%		
April 3	1238	1068	1207	100%		
April 4	2590	1131	1671	100%		
April 5	1541	2890	1244	100%		
April 6	1319	1219	1362	100%		
April 7	1893	2996	1964	100%		
April 8	2385	1541	2362	100%		
April 9	2052	1770	1506	100%		
April 10	2331	2614	2639	100%		
April 11	1890	2437	2988	100%		
April 12	2517	1770	1961	100%		
April 13	1210	1953	1459	100%		
April 14	1767	2039	1732	100%		
April 15	2928	1768	1729	100%		
April 16	1524	2397	1080	100%		
April 17	2199	1694	2503	100%		
April 18	2014	1195	1917	100%		
April 19	2488	1283	1596	100%		
April 20	1211	1386	2086	100%		
April 21	2089	2082	1342	100%		
April 22	1023	1113	2551	100%		
April 23	1861	2210	2192	100%		
April 24	2037	1057	1428	100%		
April 25	1543	2288	2768	100%		
April 26	1633	2206	2857	100%		
April 27	2800	1747	2862	100%		
April 28	1973	1486	1299	100%		
April 29	1937	2108	1254	100%		
April 30	2173	2674	2981	100%		

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## KPI &amp; Statistics

[DE](#) | [Deutsche Bank AG](#) | [DB](#)



## Mobile Channel

	AIS Bal	AIS Tra	PIS Single	Up		
May 1	2959	1508	2399	100%		
May 2	1344	1378	2600	100%		
May 3	1414	2447	2424	100%		
May 4	1581	1628	2816	100%		
May 5	2420	2566	2360	100%		
May 6	1652	1069	1023	100%		
May 7	2546	1013	2635	100%		
May 8	2147	1049	2754	100%		
May 9	2298	2214	1684	100%		
May 10	1173	2642	2058	100%		
May 11	1145	2241	2796	100%		
May 12	1106	2094	1402	100%		
May 13	1883	1714	2340	100%		
May 14	1990	1112	2965	100%		
May 15	2258	1519	1113	100%		
May 16	2520	2362	1316	100%		
May 17	2785	2919	1565	100%		
May 18	2810	2839	1554	100%		
May 19	2785	2840	1549	100%		
May 20	2786	2839	1555	100%		
May 21	2841	2836	1585	100%		
May 22	2826	2815	1534	100%		
May 23	2809	2847	1643	100%		
May 24	2807	2852	1573	100%		
May 25	2795	2849	1557	100%		
May 26	2785	2833	1529	100%		
May 27	2782	2855	1566	100%		
May 28	2771	2834	1570	100%		
May 29	2781	2815	1525	100%		
May 30	2899	2934	1620	100%		
May 31	2646	1330	1607	100%		

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## KPI &amp; Statistics

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## Mobile Channel

	AIS Bal	AIS Tra	PIS Single	Up		
June 1	2824	2892	1588	100%		
June 2	2798	2867	1594	100%		
June 3	2279	2372	1601	100%		
June 4	2772	2839	1584	100%		
June 5	2780	2820	1523	100%		
June 6	2794	2833	1527	100%		
June 7	2776	2877	1579	100%		
June 8	2802	2848	2131	100%		
June 9	3014	2857	1555	100%		
June 10	3014	2849	1646	100%		
June 11	2776	2830	1557	100%		
June 12	2778	2813	1521	100%		
June 13	2797	2864	1561	100%		
June 14	2774	2860	1570	100%		
June 15	2792	2859	1557	100%		
June 16	2777	2841	1540	100%		
June 17	2773	2844	1561	100%		
June 18	2818	2827	1639	100%		
June 19	3053	2812	1549	100%		
June 20	2803	2858	1583	100%		
June 21	2784	2841	1564	100%		
June 22	2811	2839	1560	100%		
June 23	2778	2838	1558	100%		
June 24	2788	2837	1549	100%		
June 25	2821	2826	1560	100%		
June 26	2783	2833	1525	100%		
June 27	2811	2878	1585	100%		
June 28	2782	1644	1633	100%		
June 29	2783	2878	1587	100%		
June 30	2777	2906	1581	100%		

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## KPI &amp; Statistics

### Annex: Non comparability of client channel functionality

The latest NISP - NextGenPSD2 Implementation Support Program - introduced a method to enhance the comparability of API services and client channel applications within their Compliance paper v1.4.

This has been implemented for this region as some formatting e.g. on IBANs and other payment data are performed in the related online / mobile channels already in the frontend. Those checks are included on the middleware of the API channel which lead to a systematic uncomparability between online / mobile and API channels in the chosen performance measurement approach.

Therefore it has been introduced as best practice to add the measured performance of the online channels additional time blocks which is equivalent to the medium performance of the checks in the API channel, to make the overall performance figures comparable. Several random tests considering different users and accounts have been carried out, resulting in the following average load times which were added to the KPIs shown in the previous page:

#### Online Channel

AIS Bal: 1794 ms

AIS Tra: 1949 ms

PIS Single: 2738 ms

#### Mobile Channel

AIS Bal: 2684 ms

AIS Tra: 2717 ms

PIS Single: 1404 ms