

DE | Deutsche Bank AG | DB

KPI & Statistics
Q3 2021



Created Date: Tuesday, 12/10/2021



Deutsche Bank
Payment Services Directive 2



Dedicated Interface

July 2021	AIS Bal	AIS Tra	PIS Single
July 1	2031	1942	1030
July 2	2080	1837	1137
July 3	2024	1995	2164
July 4	2013	1906	1302
July 5	2011	1830	1005
July 6	2021	1896	1039
July 7	2000	1943	1109
July 8	2009	1822	1076
July 9	2019	1941	1085
July 10	1999	1812	1068
July 11	2002	1970	1753
July 12	2027	1841	922
July 13	1996	1792	971
July 14	1924	1816	916
July 15	1929	1924	1313
July 16	2017	1874	987
July 17	2038	1844	1602
July 18	1978	1752	1475
July 19	1917	1858	1110
July 20	1919	1779	966
July 21	1936	1813	1007
July 22	1921	1830	1160
July 23	1914	1878	1131
July 24	12266	1865	1198
July 25	1939	1827	1301
July 26	1975	1996	1110
July 27	1980	1848	1053
July 28	2117	1762	1074
July 29	1996	1763	986
July 30	1932	1811	1006
July 31	1936	2742	1083

Up (AIS)	Up (PIS)	Up (PIIS)
100%	100%	100%
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Dedicated Interface

August 2021	AIS Bal	AIS Tra	PIS Single
August 1	1931	1782	1059
August 2	1971	1813	978
August 3	1949	1781	960
August 4	1955	1754	917
August 5	1971	1749	1017
August 6	1955	1719	1031
August 7	1946	1609	1060
August 8	1973	1661	1215
August 9	1972	1639	906
August 10	1965	1660	1020
August 11	1963	1695	933
August 12	1952	2227	962
August 13	1964	1729	941
August 14	1980	1790	1159
August 15	2097	1861	1275
August 16	2018	2018	949
August 17	1987	1809	986
August 18	2001	1835	1034
August 19	2039	1859	1195
August 20	2040	1813	1027
August 21	2040	1768	1185
August 22	2033	1754	1118
August 23	2036	1766	1001
August 24	2025	1778	927
August 25	2028	1830	996
August 26	2028	1814	980
August 27	2043	1917	1083
August 28	2075	2058	1379
August 29	2296	1924	1096
August 30	2107	1947	878
August 31	2187	1996	944

Up (AIS)	Up (PIS)	Up (PIIS)
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Dedicated Interface

September 2021	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
September 1	2198	1968	1077	100%	100%	100%
September 2	2205	2045	1016	100%	100%	100%
September 3	2175	1790	1072	100%	100%	100%
September 4	2191	1829	1425	100%	100%	100%
September 5	2210	1797	1605	100%	100%	100%
September 6	2149	1996	1090	100%	100%	100%
September 7	2062	1961	1105	100%	100%	100%
September 8	2075	1891	1086	100%	100%	100%
September 9	2128	1884	1102	100%	100%	100%
September 10	2186	2272	1048	100%	100%	100%
September 11	2186	1946	1039	100%	100%	100%
September 12	2181	1914	1288	100%	100%	100%
September 13	2152	1940	935	100%	100%	100%
September 14	2156	1973	918	100%	100%	100%
September 15	2126	2137	1068	100%	100%	100%
September 16	2221	1988	1006	100%	100%	100%
September 17	2066	1749	988	100%	100%	100%
September 18	2206	855	1080	100%	100%	100%
September 19	2196	2185	1107	100%	100%	100%
September 20	2206	834	1097	100%	100%	100%
September 21	2290	1862	939	100%	100%	100%
September 22	2347	897	1055	100%	100%	100%
September 23	2287	1955	1379	100%	100%	100%
September 24	2123	40047	919	100%	100%	100%
September 25	2213	893	1004	100%	100%	100%
September 26	2061	1819	997	100%	100%	100%
September 27	2112	1597	894	100%	100%	100%
September 28	2090	1924	827	58%	58%	58%
September 29	2073	856	775	100%	100%	100%
September 30	2066	907	820	100%	100%	100%

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Online Channel

July 2021	AIS Bal	AIS Tra	PIS Single
July 1	1728	2065	2314
July 2	1662	1983	2236
July 3	1627	1937	2272
July 4	1626	1946	2188
July 5	1723	2007	2263
July 6	1708	2044	2274
July 7	1677	2026	2256
July 8	1667	2008	2242
July 9	1624	1938	2211
July 10	1706	1997	2231
July 11	1633	1961	2206
July 12	1701	2040	2252
July 13	1634	1956	2223
July 14	1629	1956	2211
July 15	1628	1951	2216
July 16	1618	1934	2202
July 17	1627	1934	2311
July 18	1599	1909	2174
July 19	1656	1969	2231
July 20	1634	1949	2225
July 21	1622	1939	2203
July 22	1657	1994	2226
July 23	1616	1928	2212
July 24	1607	1911	2233
July 25	1607	1917	2173
July 26	1640	1956	2376
July 27	1628	1981	2373
July 28	1695	2125	2492
July 29	1631	1966	2380
July 30	1728	3829	4616
July 31	1631	1987	2320

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Deutsche Bank
 Payment Services Directive 2



Online Channel

August 2021	AIS Bal	AIS Tra	PIS Single	Up
August 1	1615	1919	2259	99.88%
August 2	1747	3161	2178	99.88%
August 3	1669	2003	2203	99.88%
August 4	1639	1964	2212	99.88%
August 5	1633	1973	2193	99.88%
August 6	1623	1936	2184	99.88%
August 7	1624	1937	2193	99.88%
August 8	1703	2014	2283	99.88%
August 9	1636	1946	2176	99.88%
August 10	1648	1969	2200	99.88%
August 11	1648	1976	2223	99.88%
August 12	1644	1981	2220	99.88%
August 13	1605	1916	2222	99.88%
August 14	1611	1929	2197	99.88%
August 15	1615	1923	2291	99.88%
August 16	1627	1937	2176	99.88%
August 17	1621	1937	2243	99.88%
August 18	1617	1923	2269	99.88%
August 19	1614	1918	2182	99.88%
August 20	1615	1924	3613	99.88%
August 21	1606	1913	2249	99.88%
August 22	1605	1912	2217	99.88%
August 23	1624	1929	2215	99.88%
August 24	1615	1945	2204	99.88%
August 25	1644	1975	2263	99.88%
August 26	1656	1990	2190	99.88%
August 27	1613	1926	2212	99.88%
August 28	1609	1913	2231	99.88%
August 29	1607	1917	2219	99.88%
August 30	1669	1979	2212	99.88%
August 31	1675	2004	2194	99.88%

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Online Channel

September 2021	AIS Bal	AIS Tra	PIS Single
September 1	1691	2021	2225
September 2	1638	1962	2230
September 3	1619	1930	2216
September 4	1612	1925	2228
September 5	1651	1914	2205
September 6	1671	2090	2279
September 7	1641	1962	2185
September 8	1626	1945	2222
September 9	1620	1941	2231
September 10	1655	1993	2236
September 11	1646	1973	2231
September 12	1611	1928	2203
September 13	1638	1974	2314
September 14	1645	1984	2173
September 15	1663	2022	2223
September 16	1642	1998	2262
September 17	1627	1978	2230
September 18	1625	1964	2268
September 19	1621	1955	2248
September 20	1707	2047	2215
September 21	1660	2035	2204
September 22	1719	2145	2281
September 23	1702	2123	2186
September 24	1628	1988	2407
September 25	1618	1935	2234
September 26	1621	1969	2207
September 27	1691	2076	2209
September 28	1738	2168	2210
September 29	1702	2127	2474
September 30	1724	2157	2351

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Mobile Channel

July 2021	AIS Bal	AIS Tra	PIS Single
July 1	2931	2964	1566
July 2	2842	2874	1549
July 3	2784	2879	1611
July 4	2798	2831	1529
July 5	2944	2887	1546
July 6	2829	2886	1578
July 7	2854	2858	1554
July 8	2840	2847	1537
July 9	2809	2843	1532
July 10	2773	2871	1594
July 11	2790	2831	1528
July 12	3022	2864	1549
July 13	2871	2865	1560
July 14	2807	2854	1550
July 15	2809	2849	1543
July 16	2873	2839	1536
July 17	2774	2895	1660
July 18	2788	2807	1524
July 19	2847	2850	1540
July 20	2808	2848	1552
July 21	2820	2839	1539
July 22	2830	2849	1535
July 23	2816	2851	1535
July 24	2782	2862	1593
July 25	2801	2806	1522
July 26	2834	2986	1551
July 27	2800	2992	1587
July 28	2828	3016	1562
July 29	2807	3025	1546
July 29	2962	3767	1708
July 31	2775	2873	1604

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KPI & 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: 1356 ms

AIS Tra: 1655 ms

PIS Single: 1997 ms

Mobile Channel

AIS Bal: 2684 ms

AIS Tra: 2717 ms

PIS Single: 1404 ms