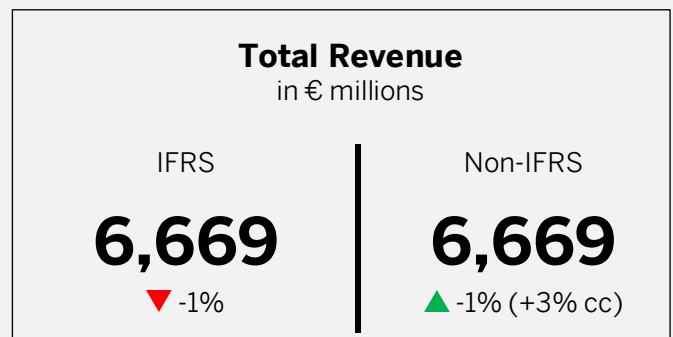
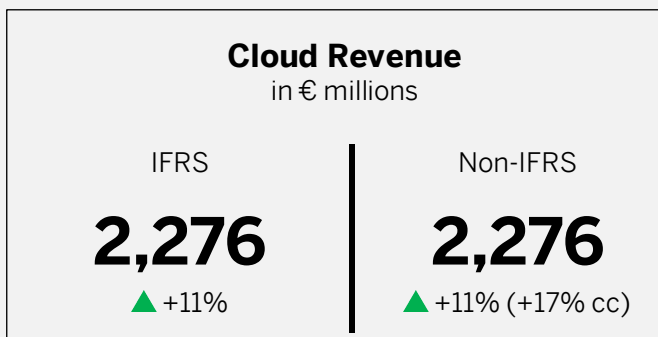


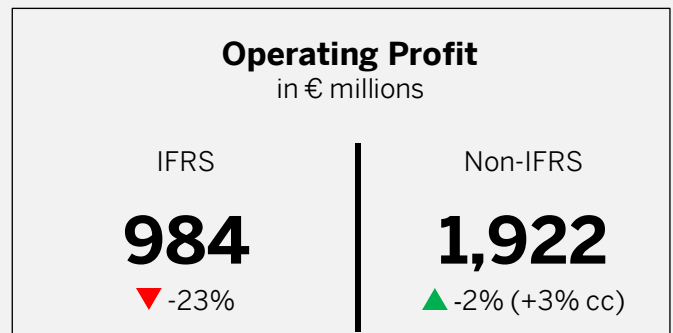
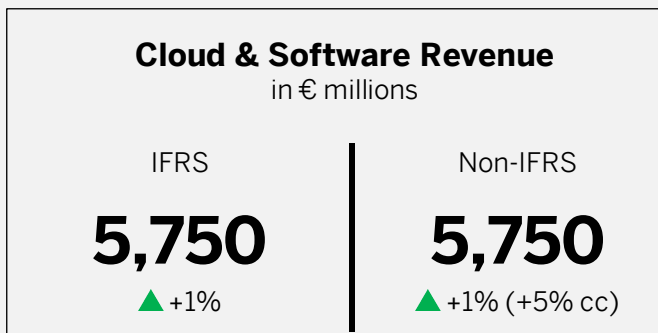
SAP Accelerates Cloud Growth Across Portfolio

Raises Revenue and Profit Outlook

- Current Cloud Backlog and Cloud Revenue Growth Accelerates Sequentially
 - Current Cloud Backlog Up 20% At Constant Currencies
 - S/4HANA Current Cloud Backlog Up 48% At Constant Currencies
 - Cloud Revenue Up 11% And 17% At Constant Currencies
- SaaS/PaaS Cloud Revenue Outside Intelligent Spend Up 20% And 25% At Constant Currencies
- EPS Up 57%; Non-IFRS EPS Up 50%



The share of more predictable revenue reached **76%** in the second quarter 2021 (+3 percentage points)



”

We're seeing strong adoption of our cloud portfolio as customers select SAP for their business transformation. Our strategy is working; This is the third straight quarter of strong execution, and we continue to deliver unparalleled customer value through the strength of our platform and applications.

Christian Klein, CEO

”

This has been another strong quarter with accelerating growth for SAP's cloud portfolio. We saw excellent customer momentum and adoption and are raising our outlook for revenue and profit.

Luka Mucic, CFO

Business Update Second Quarter 2021

Customers continue to choose SAP as they move to the cloud and transform their business processes. SAP is seeing strong demand and adoption of its 'RISE with SAP' offering which customers of all sizes are selecting to manage this transition. SAP is also seeing strong growth in current cloud backlog across its cloud portfolio including Business Technology Platform, Business Process Intelligence, Qualtrics, as well as Customer Experience. SAP had significant competitive wins in ERP, SuccessFactors, Commerce, Intelligent Spend, and across its broader cloud solution portfolio.

SAP's cloud revenue growth accelerated sequentially. SAP saw the first signs of recovery in travel and expense management with the easing of global travel restrictions, which led to Concur stabilizing its sequential performance for the first time since the pandemic began. The Company's Intelligent Spend category returned to growth but continued to be impacted by the COVID-19 crisis more than other SaaS/PaaS solutions.

Current cloud backlog growth also accelerated further sequentially. As more customers transition to the 'RISE with SAP' subscription offering, software licenses revenue decreased as anticipated.

In general, as many countries began to reopen, SAP saw a positive impact on demand around the world.

Highlights

- 'RISE with SAP' gained even more traction after a successful launch in the first quarter. SAP saw strong demand from companies of all sizes and closed deals with more than 250 customers in the second quarter. Large customers such as AMD, Coop Switzerland, Etihad Airways, and Siemens Energy selected 'RISE with SAP'. Additional wins included arena, Dixons Carphone, EBANX, Fujifilm Diosynth Biotechnologies, The Great Eastern Shipping Co., Inchcape, Mollie, National Basketball Association (NBA), Randstad, R. Twining & Co., and South32 Group.
- More than 600 S/4HANA customers were added in the quarter, taking total adoption to more than 17,000 customers, up 16% year over year, of which more than 10,100 are live. In the second quarter, more than 50% of the additional S/4HANA customers were net new.
- Key customer wins across SAP's solutions portfolio included: ABN AMRO, Clarins, Coca-Cola FEMSA, Florida Crystals, Florida Department of Management Services, Keolis Group, LeasePlan Corporation, Moderna, Molson Coors Beverage Company, Nationwide Building Society, Rabobank, Roca Sanitario, The Singapore University of Technology and Design, Stanley Black & Decker, and Tenneco. Bitburger Braugruppe, Wales & West Utilities, and Weber-Stephen Products all went live on SAP solutions in the second quarter.
- SAP Business Technology Platform (SAP BTP) is the foundation of the Intelligent Enterprise, providing a single platform for integration and extensibility across the SAP portfolio and non-SAP solutions, as well as deriving insights from data. The Company already has over 8,000 productive BTP customers and more than 4,000 partners within its ecosystem actively engaged. Current cloud backlog grew in strong double digits. Hilti, Lenovo, NEC, and Renault chose SAP BTP offerings in the second quarter.
- Signavio had an outstanding first full quarter as part of SAP's Business Process Intelligence (BPI) segment. Current cloud backlog grew in triple digits. SAP's BPI solutions are key to our customers' business transformation and acceleration to the cloud.
- More than 52,000 attendees from 158 countries joined SAPPHERE NOW, SAP's flagship customer event, across its global and regional sessions.
- In addition to driving innovation in and beyond our core, SAP is continuously expanding into new markets. SAP expects to expand its 2025 Total Addressable Market (TAM) by \$150 billion, totaling \$600 billion.
- Sustainability continues to be at the center of SAP's business model. In the second quarter, SAP joined the World Economic Forum Stakeholder Capitalism Coalition.
- SAP announced 'pledge to flex' in April, showing its commitment to a truly flexible remote workforce operating model even beyond the pandemic.
- SAP paid out an annual dividend of €1.85 per share in the amount of €2.2 billion for fiscal year 2020 representing a year-over-year increase of €0.27 or 17%.

Financial Performance Second Quarter 2021¹

SAP's strong cloud momentum continued in the second quarter with both current cloud backlog and cloud revenue growth accelerating sequentially. Current cloud backlog was up 17% to €7.77 billion (non-IFRS) and up 20% (at constant currencies). Cloud revenue was up 11% to €2.28 billion and up 17% (at constant currencies). SaaS/PaaS cloud revenue outside the Intelligent Spend business was up 20% and up 25% (at constant currencies). Software licenses revenue was down 16% year over year to €0.65 billion and down 13% (at constant currencies). Cloud and software revenue was up 1% to €5.75 billion and up 5% (at constant currencies). Services revenue was down 11% year over year to €0.92 billion and down 7% (at constant currencies). This revenue decline is primarily attributable to the November 2020 divestiture of SAP Digital Interconnect, which contributed approximately €80 million of services revenue in the second quarter of 2020. Total revenue was down 1% year over year to €6.67 billion and up 3% (at constant currencies).

The share of more predictable revenue grew by 3 percentage points year over year to 76% in the second quarter.

Operating profit decreased 23% to €0.98 billion and Operating margin decreased by 4.3 percentage points to 14.8% due to higher share-based compensation expenses (primarily related to Qualtrics). Non-IFRS operating profit decreased 2% to €1.92 billion, up 3% (non-IFRS at constant currencies) and non-IFRS operating margin decreased by 0.3 percentage points to 28.8%, down 0.2 percentage points (non-IFRS at constant currencies) despite the accelerated cloud transition which resulted in higher margin software licenses revenue trending lower, as expected.

Earnings per share increased 57% to €1.15 (IFRS) and increased 50% to €1.75 (non-IFRS) reflecting another outstanding contribution from Sapphire Ventures. With Sapphire Ventures SAP supports entrepreneurs that aspire to build industry-leading businesses through venture capital funds. In the second quarter, the SAP Supervisory Board approved the financing of a new Sapphire Ventures fund ("Sapphire Ventures Fund VI"). The total volume committed for Sapphire Ventures Fund VI is \$1.75 billion.

Operating cash flow for the first six months was flat year over year to €3.77 billion. Free cash flow increased 4% year over year to €3.25 billion. Positive effects from lower share-based compensation and lower restructuring payments were compensated by higher income taxes paid net of refunds. At quarter end, net debt was –€4.57 billion.

Expanded Financial Disclosure – SAP's Accelerated Cloud Transition

Beginning in 2021, SAP expanded its financial disclosure to provide investors with transparency on the transition of its core ERP business to the cloud. Specifically, the Company discloses current cloud backlog and cloud revenue contributed by SAP S/4HANA Cloud, along with nominal and constant currencies year-over-year growth rates.

In the second quarter, S/4HANA current cloud backlog was up 45% (Non-IFRS) to €1.13 billion and up 48% (at constant currencies). S/4HANA cloud revenue was up 33% to €257 million and up 39% (at constant currencies).

SAP is seeing strong momentum with its S/4HANA current cloud backlog growth, in particular in the United States. SAP expects S/4HANA cloud revenue growth to significantly accelerate in the second half of 2021.

SAP S/4HANA Cloud represents SAP's cloud offering for core ERP processes. It mainly includes cloud solutions for financial management, supply chain management, engineering and manufacturing, order management and asset management, as well as associated data management, analytics, development and integration capabilities.

'RISE with SAP', SAP's holistic offering for business transformation in the cloud, is an important driver of S/4HANA Cloud and Business Technology Platform adoption.

¹ The Q2 2021 results were also impacted by other effects. For details please refer to the disclosures on page 30 of this document.

Segment Performance Second Quarter 2021

SAP's three reportable segments "Applications, Technology & Support", "Qualtrics" and "Services" showed the following performance:

Applications, Technology & Support (AT&S)

Segment revenue in AT&S was flat at € 5.62 billion year over year and up 4% (at constant currencies). Segment performance was driven by strong double-digit cloud revenue growth in S/4HANA Cloud, Digital Supply Chain, Business Technology Platform, and Customer Experience, in particular ecommerce. Software licenses revenue decreased as anticipated due to strong adoption of 'RISE with SAP'. Segment support revenues were up 1% year over year (at constant currencies) reflecting high retention rates coupled with the shift of some support revenue to cloud.

Qualtrics

Qualtrics segment revenue was up 25% to €211 million year over year, up 37% (at constant currencies). The continued strong growth was driven by robust renewal rates and expansions as customers increase their usage and acquire additional modules of Qualtrics to measure all four experience areas: customer, employee, product, and brand. Daikin, Merck KGaA, Mitsubishi Heavy Industries, M&T Bank, Noom, Trivago, Virgin Cruises and many others selected Qualtrics Experience Management Solutions.

Services

Services segment revenue was down 7% to €796 million year over year, down 3% (at constant currencies). While SAP continues to see solid growth in its Premium Engagement revenue on the back of a very resilient business model, consulting revenue declined year over year due to a strong prior year comparison.

Segment Results at a Glance

Segment Performance Second Quarter 2021

€ million, unless otherwise stated (Non-IFRS)	Applications, Technology & Support			Qualtrics			Services		
	Actual Currency	Δ in %	Δ in % const. curr.	Actual Currency	Δ in %	Δ in % const. curr.	Actual Currency	Δ in %	Δ in % const. curr.
Cloud revenue	2,066	8	14	174	33	46	0	NA	NA
Segment revenue	5,619	0	4	211	25	37	796	-7	-3
Segment profit (loss)	2,279	-4	0	13	>100	>100	180	9	16
Cloud gross margin (in %)	69.2	-0.1pp	-0.2pp	92.4	1.4pp	1.5pp	NM ¹⁾	NM ¹⁾	NM ¹⁾
Segment margin (in %)	40.6	-1.6pp	-1.5pp	6.3	4.9pp	4.0pp	22.6	3.2pp	3.7pp

¹⁾ NM = not meaningful

Regional Revenue Performance Second Quarter 2021

SAP had a strong cloud performance across all of its regions.

In the EMEA region, cloud and software revenue increased 4% and 5% (at constant currencies). Cloud revenue increased 22% and 23% (at constant currencies) with Germany and Saudi Arabia being highlights.

In the Americas region, cloud and software revenue decreased 3% and was up 5% (at constant currencies). Cloud revenue increased 4% and was up 12% (at constant currencies) with a robust performance in Brazil and Mexico. The United States, SAP's largest market, had a strong sequential acceleration in cloud revenue growth combined with an even stronger current cloud backlog growth.

In the APJ region, cloud and software revenue increased 2% and 6% (at constant currencies). Cloud revenue increased 18% and 23% (at constant currencies) with Japan, Australia and South Korea being highlights.

Financial Results at a Glance

Second Quarter 2021

€ million, unless otherwise stated	IFRS			Non-IFRS ¹⁾			
	Q2 2021	Q2 2020	Δ in %	Q2 2021	Q2 2020	Δ in %	Δ in % const. curr.
Current cloud backlog ²⁾	NA	NA	NA	7,766	6,638	17	20
Thereof SAP S/4HANA Current Cloud Backlog ²⁾	NA	NA	NA	1,130	780	45	48
Cloud revenue	2,276	2,044	11	2,276	2,044	11	17
Thereof SAP S/4HANA Cloud revenue	257	193	33	257	193	33	39
Software licenses and support revenue	3,474	3,665	-5	3,474	3,665	-5	-2
Cloud and software revenue	5,750	5,709	1	5,750	5,709	1	5
Total revenue	6,669	6,743	-1	6,669	6,744	-1	3
Share of more predictable revenue (in %)	76	73	3pp	76	73	3pp	
Operating profit (loss)	984	1,284	-23	1,922	1,964	-2	3
Profit (loss) after tax	1,449	885	64	2,214	1,395	59	
Basic earnings per share (in €)	1.15	0.73	57	1.75	1.17	50	
Number of employees (FTE, June 30)	103,876	101,379	2	NA	NA	NA	NA

¹⁾ For a breakdown of the individual adjustments see table "Non-IFRS Adjustments by Functional Areas" in this Quarterly Statement.

²⁾ As this is an order entry metric, there is no IFRS equivalent.

Due to rounding, numbers may not add up precisely.

Six months ended June 2021

€ million, unless otherwise stated	IFRS			Non-IFRS ¹⁾			
	Q1-Q2 2021	Q1-Q2 2020	Δ in %	Q1-Q2 2021	Q1-Q2 2020	Δ in %	Δ in % const. curr.
Current Cloud Backlog ²⁾	NA	NA	NA	7,766	6,638	17	20
Thereof SAP S/4HANA Current cloud backlog ²⁾	NA	NA	NA	1,130	780	45	48
Cloud revenue	4,421	4,055	9	4,421	4,057	9	15
Thereof S/4HANA Cloud revenue	485	360	34	485	360	34	41
Software licenses and support revenue	6,757	7,051	-4	6,757	7,051	-4	0
Cloud and software revenue	11,178	11,106	1	11,178	11,107	1	5
Total revenue	13,017	13,264	-2	13,017	13,266	-2	3
Share of more predictable revenue (in %)	77	74	3pp	77	74	3pp	
Operating profit (loss)	1,944	2,494	-22	3,660	3,446	6	12
Profit (loss) after tax	2,519	1,697	48	3,934	2,409	63	
Basic earnings per share (in €)	2.03	1.42	43	3.14	2.02	56	
Number of employees (FTE, June 30)	103,876	101,379	2	NA	NA	NA	NA

¹⁾ For a breakdown of the individual adjustments see table "Non-IFRS Adjustments by Functional Areas" in this Quarterly Statement.

²⁾ As this is an order entry metric, there is no IFRS equivalent.

Due to rounding, numbers may not add up precisely.

Business Outlook 2021

SAP is raising its full-year 2021 outlook, reflecting the strong business performance which is expected to accelerate cloud revenue growth. The Company continues to expect a software licenses revenue decline for the full year as more customers turn to the 'RISE with SAP' subscription offering for their mission-critical core processes. This outlook also continues to assume the COVID-19 crisis will begin to recede as vaccine programs roll out globally, leading to further improvements in global demand in the second half of 2021.

SAP now expects:

- €9.3 – 9.5 billion cloud revenue at constant currencies (2020: €8.09 billion), up 15% to 18% at constant currencies. The previous range was €9.2 – 9.5 billion at constant currencies.
- €23.6 – 24.0 billion cloud and software revenue at constant currencies (2020: €23.23 billion), up 2% to 3% at constant currencies. The previous range was €23.4 – 23.8 billion at constant currencies.
- €7.95 – 8.25 billion operating profit at constant currencies (2020: €8.28 billion), flat to down 4% at constant currencies. The previous range was €7.8 – 8.2 billion at constant currencies.

SAP continues to expect the share of more predictable revenue to reach approximately 75% (2020: 72%).

SAP continues to expect operating cash flow of approximately €6.0 billion (2020 €7.2 billion) and free cash flow above €4.5 billion (2020 €6.0 billion).

SAP now expects a full-year 2021 effective tax rate (IFRS) of 21.5% to 23.0% (previously: 26.0% to 27.0%) and an effective tax rate (non-IFRS) of 20.0% to 21.5% (previously: 22.5% to 23.5%).

While SAP's full-year 2021 business outlook is at constant currencies, actual currency reported figures are expected to be impacted by currency exchange rate fluctuations as the Company progresses through the year. See the table below for the Q3 and FY 2021 expected currency impacts.

Expected Currency Impact Based on June 2021 Level for the Rest of the Year (Non-IFRS)		
In percentage points	Q3	FY
Cloud revenue growth	-3pp to -1pp	-5pp to -3pp
Cloud and software revenue growth	-2pp to 0pp	-4pp to -2pp
Operating profit growth	-3pp to -1pp	-4pp to -2pp

SAP is focusing on three non-financial indicators: customer loyalty, employee engagement, and carbon emissions.

In 2021 SAP continues to aim for:

- a Customer Net Promoter Score of 5 to 10 (2020: 4),
- an Employee Engagement Index in a range of 84% to 86% (2020: 86%)

As a result of the ongoing COVID-19 pandemic, as well as the introduction of a more flexible working model at SAP, the level of remote work will be higher than previously anticipated. As a consequence, SAP is lowering its 2021 carbon emissions outlook. SAP now expects carbon emissions in a range of 90 to 110 kt, assuming the high level of remote work continues. Previously, SAP expected 145 kt (2020: 135 kt).

Additional Information

This Quarterly Statement and all information therein is unaudited.

Definition of key growth metrics

Current cloud backlog (CCB) is the contractually committed cloud revenue we expect to recognize over the upcoming 12 months as of a specific key date. Thus, it is a subcomponent of our overall remaining performance obligations following IFRS 15.120. For CCB, we take into consideration committed deals only. CCB can be regarded as a lower boundary for cloud revenue to be recognized over the next 12 months, as it excludes utilization-based models without pre-commitments and committed deals, both new and renewal, closed after the key date. For our committed cloud business, we believe the CCB is a valuable indicator of go-to-market success, as it reflects both new contracts closed as well as existing contracts renewed.

Share of more predictable revenue is the total of cloud revenue and software support revenue as a percentage of total revenue.

For explanations on other key growth metrics please refer to the performance management section of SAP's Integrated Report 2020 and SAP's Half-Year Report 2021, which can be found at www.sap.com/investor.

Webcast

SAP senior management will host a financial analyst conference call on Wednesday, July 21, at 2:00 PM (CEST) / 1:00 PM (BST) / 8:00 AM (Eastern) / 5:00 AM (Pacific). The conference will be webcast live on the Company's website at www.sap.com/investor and will be available for replay. Supplementary financial information pertaining to the second quarter results can be found at www.sap.com/investor.

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Financial and Non-Financial Key Facts (IFRS and Non-IFRS)

€ millions, unless otherwise stated	Q1 2020	Q2 2020	Q3 2020	Q4 2020	TY 2020	Q1 2021	Q2 2021
Revenues							
Cloud (IFRS)	2,011	2,044	1,984	2,041	8,080	2,145	2,276
Cloud (non-IFRS)	2,012	2,044	1,984	2,044	8,085	2,145	2,276
% change – yoy	27	19	10	7	15	7	11
% change constant currency – yoy	25	18	14	13	18	13	17
SAP S/4HANA Cloud (IFRS)	168	193	NA	NA	NA	227	257
SAP S/4HANA Cloud (non-IFRS)	168	193	NA	NA	NA	227	257
% change – yoy	NA	NA	NA	NA	NA	36	33
% change constant currency – yoy	NA	NA	NA	NA	NA	43	39
Software licenses (IFRS)	451	773	714	1,703	3,642	483	650
Software licenses (non-IFRS)	451	773	714	1,703	3,642	483	650
% change – yoy	-31	-18	-23	-15	-20	7	-16
% change constant currency – yoy	-31	-18	-19	-11	-17	11	-13
Software support (IFRS)	2,934	2,892	2,845	2,835	11,506	2,801	2,823
Software support (non-IFRS)	2,934	2,892	2,845	2,835	11,506	2,801	2,823
% change – yoy	3	1	-2	-4	0	-5	-2
% change constant currency – yoy	2	2	1	0	1	0	1
Software licenses and support (IFRS)	3,386	3,665	3,559	4,538	15,148	3,283	3,474
Software licenses and support (non-IFRS)	3,386	3,665	3,559	4,538	15,148	3,283	3,474
% change – yoy	-3	-4	-7	-8	-6	-3	-5
% change constant currency – yoy	-4	-3	-4	-4	-4	1	-2
Cloud and software (IFRS)	5,397	5,709	5,544	6,579	23,228	5,428	5,750
Cloud and software (non-IFRS)	5,398	5,709	5,544	6,582	23,233	5,428	5,750
% change – yoy	6	3	-2	-4	1	1	1
% change constant currency – yoy	5	3	2	1	3	6	5
Total revenue (IFRS)	6,521	6,743	6,535	7,538	27,338	6,348	6,669
Total revenue (non-IFRS)	6,522	6,744	6,535	7,541	27,343	6,348	6,669
% change – yoy	7	1	-4	-6	-1	-3	-1
% change constant currency – yoy	5	1	0	-2	1	2	3
Share of more predictable revenue (IFRS, in %)	76	73	74	65	72	78	76
Share of more predictable revenue (non-IFRS, in %)	76	73	74	65	72	78	76
Profits							
Operating profit (loss) (IFRS)	1,210	1,284	1,473	2,657	6,623	960	984
Operating profit (loss) (non-IFRS)	1,482	1,964	2,069	2,772	8,287	1,738	1,922
% change	1	8	-1	-2	1	17	-2
% change constant currency	0	7	4	3	4	24	3
Profit (loss) after tax (IFRS)	811	885	1,652	1,934	5,283	1,070	1,449
Profit (loss) after tax (non-IFRS)	1,015	1,395	2,098	2,026	6,534	1,720	2,214
% change	-6	6	34	-7	6	70	59
Margins							
Cloud gross margin (IFRS, in %)	66.4	66.0	66.4	67.6	66.6	67.2	67.5
Cloud gross margin (non-IFRS, in %)	69.3	69.5	69.7	70.3	69.7	69.5	70.0
Software license and support gross margin (IFRS, in %)	85.2	86.4	86.7	88.2	86.7	85.7	86.5
Software license and support gross margin (non-IFRS, in %)	85.7	87.4	87.6	88.5	87.4	86.3	87.3
Cloud and software gross margin (IFRS, in %)	78.2	79.1	79.4	81.8	79.7	78.4	79.0
Cloud and software gross margin (non-IFRS, in %)	79.6	81.0	81.2	82.8	81.2	79.7	80.5
Gross margin (IFRS, in %)	68.3	69.9	71.1	74.8	71.2	70.3	70.8
Gross margin (non-IFRS, in %)	69.8	72.6	73.7	75.8	73.1	72.3	73.4
Operating margin (IFRS, in %)	18.6	19.0	22.5	35.2	24.2	15.1	14.8
Operating margin (non-IFRS, in %)	22.7	29.1	31.7	36.8	30.3	27.4	28.8

€ millions, unless otherwise stated	Q1 2020	Q2 2020	Q3 2020	Q4 2020	TY 2020	Q1 2021	Q2 2021
AT&S segment – Cloud gross margin (in %)	69.1	69.2	69.3	69.6	69.3	68.7	69.2
AT&S segment – Segment gross margin (in %)	78.6	80.1	80.6	82.6	80.6	78.9	79.5
AT&S segment – Segment margin (in %)	35.6	42.2	42.4	47.6	42.2	39.1	40.6
Services segment – Services gross margin (in %)	30.1	36.0	38.9	33.3	34.5	36.6	37.0
Services segment – Segment gross margin (in %)	26.6	33.4	36.3	29.9	31.4	32.9	34.1
Services segment – Segment margin (in %)	14.6	19.4	23.6	19.0	19.0	21.4	22.6
Qualtrics segment – Cloud gross margin (in %)	90.8	91.0	90.9	94.1	91.8	92.2	92.4
Qualtrics segment – Segment gross margin (in %)	75.4	78.6	79.1	77.4	77.6	79.5	80.3
Qualtrics segment – Segment margin (in %)	-10.1	1.4	4.7	0.9	-0.6	6.2	6.3
Key Profit Ratios							
Effective tax rate (IFRS, in %)	27.7	33.1	20.2	28.5	26.8	20.0	19.7
Effective tax rate (non-IFRS, in %)	27.2	30.3	21.3	28.2	26.5	18.7	19.2
Earnings per share, basic (IFRS, in €)	0.68	0.73	1.32	1.62	4.35	0.88	1.15
Earnings per share, basic (non-IFRS, in €)	0.85	1.17	1.70	1.70	5.41	1.40	1.75
Order Entry and current cloud backlog							
Current cloud backlog	6,634	6,638	6,599	7,155	7,155	7,628	7,766
% change – yoy	25	20	10	7	7	15	17
% change constant currency – yoy	24	21	16	14	14	19	20
SAP S/4HANA current cloud backlog	744	780	NA	NA	NA	1,036	1,130
% change – yoy	NA	NA	NA	NA	NA	39	45
% change constant currency – yoy	NA	NA	NA	NA	NA	43	48
Orders – number of cloud deals (in transactions)	3,145	3,844	4,044	6,137	17,166	4,132	5,064
Share of cloud orders greater than €5 million based on total cloud order entry volume (in %)	28	28	28	31	29	27	34
Share of cloud orders smaller than €1 million based on total cloud order entry volume (in %)	37	36	37	32	34	39	32
Orders – number of on-premise software deals (in transactions)	10,517	9,175	11,006	14,918	45,616	9,687	10,033
Share of orders greater than €5 million based on total software order entry volume (in %)	24	34	30	29	30	23	22
Share of orders smaller than €1 million based on total software order entry volume (in %)	42	38	37	32	36	42	43
Liquidity and Cash Flow							
Net cash flows from operating activities	2,984	788	1,321	2,100	7,194	3,085	686
Capital expenditure	-333	-164	-155	-164	-816	-153	-191
Payments of lease liabilities	-72	-84	-115	-107	-378	-84	-92
Free cash flow	2,580	540	1,052	1,829	6,000	2,848	403
% of total revenue (IFRS)	40	8	16	24	22	45	6
% of profit after tax (IFRS)	318	61	64	95	114	266	28
Group liquidity	7,872	7,401	7,760	6,781	6,781	11,573	8,548
Financial debt (-)	-13,700	-14,855	-14,649	-13,283	-13,283	-14,230	-13,116
Net debt (-)	-5,827	-7,454	-6,889	-6,503	-6,503	-2,658	-4,568
Financial Position							
Cash and cash equivalents	7,816	6,205	7,434	5,311	5,311	10,332	7,764
Goodwill	29,731	29,214	28,184	27,560	27,560	29,374	29,049
Total assets	62,947	60,709	59,278	58,472	58,472	66,495	63,095
Contract liabilities (current)	6,726	5,791	4,237	4,150	4,150	6,800	6,175
Equity ratio (total equity in % of total assets)	49	48	50	51	51	52	54
Non-Financials							
Number of employees (quarter end) ¹⁾	101,150	101,379	101,450	102,430	102,430	103,142	103,876
Employee retention (in %, rolling 12 months)	93.3	93.9	94.8	95.3	95.3	95.4	94.8
Women in management (in %, quarter end)	26.8	27.3	27.3	27.5	27.5	27.6	27.9
Greenhouse gas emissions (in kilotons)	65	25	25	20	135	30	20

¹⁾ in full-time equivalents.

Due to rounding, numbers may not add up precisely.

Primary Financial Statements of SAP Group (IFRS)

(A) Consolidated Income Statements

(A.1) Consolidated Income Statements – Quarter

€ millions, unless otherwise stated	Q2 2021	Q2 2020	Δ in %
Cloud	2,276	2,044	11
Software licenses	650	773	-16
Software support	2,823	2,892	-2
Software licenses and support	3,474	3,665	-5
Cloud and software	5,750	5,709	1
Services	920	1,034	-11
Total revenue	6,669	6,743	-1
Cost of cloud	-740	-695	6
Cost of software licenses and support	-468	-497	-6
Cost of cloud and software	-1,208	-1,192	1
Cost of services	-738	-835	-12
Total cost of revenue	-1,946	-2,028	-4
Gross profit	4,723	4,716	0
Research and development	-1,306	-1,159	13
Sales and marketing	-1,828	-1,833	0
General and administration	-593	-414	43
Restructuring	-6	3	<-100
Other operating income/expense, net	-5	-29	-83
Total operating expenses	-5,685	-5,459	4
Operating profit (loss)	984	1,284	-23
Other non-operating income/expense, net	-33	-54	-39
Finance income	1,002	243	>100
Finance costs	-149	-151	-1
Financial income, net	853	92	>100
Profit (loss) before tax	1,804	1,322	36
Income tax expense	-355	-437	-19
Profit (loss) after tax	1,449	885	64
Attributable to owners of parent	1,356	866	57
Attributable to non-controlling interests	93	19	>100
Earnings per share, basic (in €)¹⁾	1.15	0.73	57
Earnings per share, diluted (in €)¹⁾	1.15	0.73	57

¹⁾ For the three months ended June 30, 2021 and 2020, the weighted average number of shares was 1,180 million (diluted 1,180 million) and 1,180 million (diluted: 1,180 million), respectively (treasury stock excluded).

Due to rounding, numbers may not add up precisely.

(A.2) Consolidated Income Statements – Year-to-Date

€ millions, unless otherwise stated	Q1-Q2 2021	Q1-Q2 2020	Δ in %
Cloud	4,421	4,055	9
Software licenses	1,133	1,224	-7
Software support	5,624	5,826	-3
Software licenses and support	6,757	7,051	-4
Cloud and software	11,178	11,106	1
Services	1,839	2,159	-15
Total revenue	13,017	13,264	-2
Cost of cloud	-1,444	-1,370	5
Cost of software licenses and support	-939	-998	-6
Cost of cloud and software	-2,383	-2,368	1
Cost of services	-1,447	-1,725	-16
Total cost of revenue	-3,830	-4,094	-6
Gross profit	9,187	9,171	0
Research and development	-2,478	-2,210	12
Sales and marketing	-3,491	-3,684	-5
General and administration	-1,098	-729	51
Restructuring	-164	-13	>100
Other operating income/expense, net	-12	-41	-71
Total operating expenses	-11,073	-10,770	3
Operating profit (loss)	1,944	2,494	-22
Other non-operating income/expense, net	29	-103	<-100
Finance income	1,549	406	>100
Finance costs	-381	-354	8
Financial income, net	1,168	53	>100
Profit (loss) before tax	3,141	2,444	29
Income tax expense	-622	-747	-17
Profit (loss) after tax	2,519	1,697	48
Attributable to owners of parent	2,396	1,681	43
Attributable to non-controlling interests	123	16	>100
Earnings per share, basic (in €)¹⁾	2.03	1.42	43
Earnings per share, diluted (in €)¹⁾	2.03	1.42	43

¹⁾ For the six months ended June 30, 2021 and 2020, the weighted average number of shares was 1,180 million (diluted: 1,180 million) and 1,185 million (diluted: 1,185 million), respectively (treasury stock excluded).

Due to rounding, numbers may not add up precisely.

(B) Consolidated Statements of Financial Position

as at 6/30/2021 and 12/31/2020

€ millions	2021	2020
Cash and cash equivalents	7,764	5,311
Other financial assets	879	1,635
Trade and other receivables	5,617	6,593
Other non-financial assets	1,571	1,321
Tax assets	670	210
Total current assets	16,502	15,069
Goodwill	29,049	27,560
Intangible assets	3,928	3,784
Property, plant, and equipment	4,827	5,041
Other financial assets	4,945	3,512
Trade and other receivables	107	137
Other non-financial assets	2,117	1,926
Tax assets	292	271
Deferred tax assets	1,327	1,173
Total non-current assets	46,593	43,402
Total assets	63,095	58,472
€ millions	2021	2020
Trade and other payables	1,076	1,213
Tax liabilities	315	414
Financial liabilities	4,262	2,348
Other non-financial liabilities	3,448	4,643
Provisions	86	73
Contract liabilities	6,175	4,150
Total current liabilities	15,362	12,842
Trade and other payables	115	98
Tax liabilities	766	667
Financial liabilities	11,372	13,605
Other non-financial liabilities	675	770
Provisions	388	368
Deferred tax liabilities	257	158
Contract liabilities	38	36
Total non-current liabilities	13,611	15,702
Total liabilities	28,973	28,544
Issued capital	1,229	1,229
Share premium	1,287	545
Retained earnings	33,111	32,026
Other components of equity	76	-1,011
Treasury shares	-3,072	-3,072
Equity attributable to owners of parent	32,630	29,717
Non-controlling interests	1,492	211
Total equity	34,122	29,928
Total equity and liabilities	63,095	58,472

Due to rounding, numbers may not add up precisely.

(C) Consolidated Statements of Cash Flows

€ millions	Q1-Q2 2021	Q1-Q2 2020
Profit (loss) after tax	2,519	1,697
Adjustments to reconcile profit (loss) after tax to net cash flows from operating activities:		
Depreciation and amortization	871	925
Share-based payment expense	1,256	612
Income tax expense	622	747
Financial income, net	-1,168	-53
Decrease/increase in allowances on trade receivables	-11	47
Other adjustments for non-cash items	110	-3
Decrease/increase in trade and other receivables	1,074	1,132
Decrease/increase in other assets	-229	-404
Increase/decrease in trade payables, provisions, and other liabilities	-1,024	-977
Increase/decrease in contract liabilities	1,888	1,578
Share-based payments	-779	-949
Interest paid	-125	-176
Interest received	21	87
Income taxes paid, net of refunds	-1,254	-491
Net cash flows from operating activities	3,771	3,772
Business combinations, net of cash and cash equivalents acquired	-995	-47
Purchase of intangible assets or property, plant, and equipment	-344	-497
Proceeds from sales of intangible assets or property, plant, and equipment	40	39
Purchase of equity or debt instruments of other entities	-754	-1,390
Proceeds from sales of equity or debt instruments of other entities	1,325	248
Net cash flows from investing activities	-728	-1,647
Dividends paid	-2,182	-1,864
Dividends paid on non-controlling interests	-16	-2
Purchase of treasury shares	0	-442
Proceeds from changes in ownership interests in subsidiaries that do not result in the loss of control	1,847	0
Proceeds from borrowings	1,600	2,015
Repayments of borrowings	-1,802	-832
Payments of lease liabilities	-176	-156
Net cash flows from financing activities	-729	-1,281
Effect of foreign currency rates on cash and cash equivalents	139	46
Net decrease/increase in cash and cash equivalents	2,453	890
Cash and cash equivalents at the beginning of the period	5,311	5,314
Cash and cash equivalents at the end of the period	7,764	6,205

Due to rounding, numbers may not add up precisely.

Non-IFRS Numbers

(D) Basis of Non-IFRS Presentation

We disclose certain financial measures such as revenue (non-IFRS), expense (non-IFRS), and profit measures (non-IFRS) that are not prepared in accordance with IFRS and are therefore considered non-IFRS financial measures.

For a more detailed description of all of SAP's non-IFRS measures and their limitations as well as our constant currency and free cash flow figures, see [Explanation of Non-IFRS Measures](#) online.

(E) Reconciliation from Non-IFRS Numbers to IFRS Numbers

(E.1) Reconciliation from Non-IFRS Numbers to IFRS Numbers – Quarter

€ millions, unless otherwise stated	Q2 2021					Q2 2020			Δ in %		
	IFRS	Adj.	Non-IFRS	Currency Impact	Non-IFRS Constant Currency	IFRS	Adj.	Non-IFRS	IFRS	Non-IFRS	Non-IFRS Constant Currency ¹⁾
Revenue Numbers											
Cloud	2,276	0	2,276	122	2,398	2,044	0	2,044	11	11	17
Software licenses	650	0	650	20	671	773	0	773	-16	-16	-13
Software support	2,823	0	2,823	103	2,926	2,892	0	2,892	-2	-2	1
Software licenses and support	3,474	0	3,474	123	3,597	3,665	0	3,665	-5	-5	-2
Cloud and software	5,750	0	5,750	245	5,995	5,709	0	5,709	1	1	5
Services	920	0	920	40	960	1,034	0	1,034	-11	-11	-7
Total revenue	6,669	0	6,669	285	6,955	6,743	0	6,744	-1	-1	3
Operating Expense Numbers											
Cost of cloud	-740	57	-682			-695	71	-624	6	9	
Cost of software licenses and support	-468	29	-439			-497	34	-463	-6	-5	
Cost of cloud and software	-1,208	86	-1,122			-1,192	106	-1,086	1	3	
Cost of services	-738	87	-651			-835	73	-763	-12	-15	
Total cost of revenue	-1,946	173	-1,773			-2,028	179	-1,849	-4	-4	
Gross profit	4,723	173	4,896			4,716	179	4,895	0	0	
Research and development	-1,306	157	-1,149			-1,159	138	-1,021	13	13	
Sales and marketing	-1,828	294	-1,534			-1,833	262	-1,571	0	-2	
General and administration	-593	307	-286			-414	104	-310	43	-8	
Restructuring	-6	6	0			3	-3	0	<100	NA	
Other operating income/expense, net	-5	0	-5			-29	0	-29	-83	-83	
Total operating expenses	-5,685	938	-4,748	-194	-4,942	-5,459	680	-4,780	4	-1	3
Profit Numbers											
Operating profit (loss)	984	938	1,922	91	2,013	1,284	680	1,964	-23	-2	3
Other non-operating income/expense, net	-33	0	-33			-54	0	-54	-39	-39	
Finance income	1,002	0	1,002			243	0	243	>100	>100	
Finance costs	-149	0	-149			-151	0	-151	-1	-1	
Financial income, net	853	0	853			92	0	92	>100	>100	
Profit (loss) before tax	1,804	938	2,741			1,322	680	2,002	36	37	
Income tax expense	-355	-173	-528			-437	-170	-607	-19	-13	
Profit (loss) after tax	1,449	765	2,214			885	510	1,395	64	59	
Attributable to owners of parent	1,356	706	2,061			866	510	1,376	57	50	
Attributable to non-controlling interests	93	59	153			19	0	19	>100	>100	
Key Ratios											
Operating margin (in %)	14.8		28.8		28.9	19.0		29.1	-4.3pp	-0.3pp	-0.2pp
Effective tax rate (in %)²⁾	19.7		19.2			33.1		30.3	-13.4pp	-11.1pp	
Earnings per share, basic (in €)	1.15		1.75			0.73		1.17	57	50	

¹⁾ Constant currency period-over-period changes are calculated by comparing the current year's non-IFRS constant currency numbers with the non-IFRS numbers of the previous year's respective period.

²⁾ The difference between our effective tax rate (IFRS) and effective tax rate (non-IFRS) in Q2 2021 and Q2 2020 mainly resulted from tax effects of share-based payment expenses and acquisition-related charges.

Due to rounding, numbers may not add up precisely.

(E.2) Reconciliation from Non-IFRS Numbers to IFRS Numbers – Year-to-Date

€ millions, unless otherwise stated	Q1–Q2 2021					Q1–Q2 2020			Δ in %		
	IFRS	Adj.	Non-IFRS	Currency Impact	Non-IFRS Constant Currency	IFRS	Adj.	Non-IFRS	IFRS	Non-IFRS	Non-IFRS Constant Currency ¹⁾
Revenue Numbers											
Cloud	4,421	0	4,421	255	4,675	4,055	2	4,057	9	9	15
Software licenses	1,133	0	1,133	39	1,172	1,224	0	1,224	-7	-7	-4
Software support	5,624	0	5,624	229	5,853	5,826	0	5,826	-3	-3	0
Software licenses and support	6,757	0	6,757	268	7,025	7,051	0	7,051	-4	-4	0
Cloud and software	11,178	0	11,178	523	11,700	11,106	2	11,107	1	1	5
Services	1,839	0	1,839	87	1,926	2,159	0	2,159	-15	-15	-11
Total revenue	13,017	0	13,017	610	13,627	13,264	2	13,266	-2	-2	3
Operating Expense Numbers											
Cost of cloud	-1,444	108	-1,336			-1,370	128	-1,242	5	8	
Cost of software licenses and support	-939	50	-889			-998	53	-946	-6	-6	
Cost of cloud and software	-2,383	158	-2,225			-2,368	180	-2,188	1	2	
Cost of services	-1,447	139	-1,308			-1,725	95	-1,630	-16	-20	
Total cost of revenue	-3,830	297	-3,533			-4,094	276	-3,818	-6	-7	
Gross profit	9,187	297	9,484			9,171	277	9,448	0	0	
Research and development	-2,478	251	-2,227			-2,210	163	-2,047	12	9	
Sales and marketing	-3,491	482	-3,009			-3,684	388	-3,296	-5	-9	
General and administration	-1,098	522	-576			-729	111	-618	51	-7	
Restructuring	-164	164	0			-13	13	0	>100	NA	
Other operating income/expense, net	-12	0	-12			-41	0	-41	-71	-71	
Total operating expenses	-11,073	1,715	-9,357	-416	-9,773	-10,770	950	-9,820	3	-5	0
Profit Numbers											
Operating profit (loss)	1,944	1,715	3,660	194	3,854	2,494	952	3,446	-22	6	12
Other non-operating income/expense, net	29	0	29			-103	0	-103	<-100	<-100	
Finance income	1,549	0	1,549			406	0	406	>100	>100	
Finance costs	-381	0	-381			-354	0	-354	8	8	
Financial income, net	1,168	0	1,168			53	0	53	>100	>100	
Profit (loss) before tax	3,141	1,715	4,856			2,444	952	3,396	29	43	
Income tax expense	-622	-300	-922			-747	-239	-986	-17	-6	
Profit (loss) after tax	2,519	1,415	3,934			1,697	713	2,409	48	63	
Attributable to owners of parent	2,396	1,310	3,706			1,681	713	2,393	43	55	
Attributable to non-controlling interests	123	105	228			16	0	16	>100	>100	
Key Ratios											
Operating margin (in %)	14.9		28.1		28.3	18.8		26.0	-3.9pp	2.1pp	2.3pp
Effective tax rate (in %)²⁾	19.8		19.0			30.6		29.0	-10.8pp	-10.1pp	
Earnings per share, basic (in €)	2.03		3.14			1.42		2.02	43	56	

¹⁾ Constant-currency period-over-period changes are calculated by comparing the current year's non-IFRS constant-currency numbers with the non-IFRS number of the previous year's respective period.

²⁾ The difference between our effective tax rate (IFRS) and effective tax rate (non-IFRS) in the first half of 2021 mainly resulted from tax effects of share-based payment expenses, acquisition-related charges, and restructuring expenses. The difference between our effective tax rate (IFRS) and effective tax rate (non-IFRS) in the first half of 2020 mainly resulted from tax effects of share-based payment expenses and acquisition-related charges.

Due to rounding, numbers may not add up precisely.

(F) Non-IFRS Adjustments – Actuals and Estimates

€ millions	Estimated Amounts for Full Year 2021	Q1–Q2 2021	Q2 2021	Q1–Q2 2020	Q2 2020
Operating profit (loss) (IFRS)		1,944	984	2,494	1,284
Revenue adjustments	NA	0	0	2	0
Adjustment for acquisition-related charges	540–640	296	147	325	163
Adjustment for share-based payment expenses	2,300–2,800	1,256	784	612	519
Adjustment for restructuring	150–200	164	6	13	–3
Operating expense adjustments		1,715	938	950	680
Operating profit (loss) adjustments		1,715	938	952	680
Operating profit (loss) (non-IFRS)		3,660	1,922	3,446	1,964

Due to rounding, numbers may not add up precisely.

(G) Non-IFRS Adjustments by Functional Areas

€ millions	Q2 2021					Q2 2020				
	IFRS	Acquisition-Related	SBP ¹⁾	Restructuring	Non-IFRS	IFRS	Acquisition-Related	SBP ¹⁾	Restructuring	Non-IFRS
Cost of cloud	–740	41	16	0	–682	–695	53	19	0	–624
Cost of software licenses and support	–468	8	21	0	–439	–497	11	24	0	–463
Cost of services	–738	5	82	0	–651	–835	1	72	0	–763
Research and development	–1,306	2	156	0	–1,149	–1,159	2	136	0	–1,021
Sales and marketing	–1,828	91	203	0	–1,534	–1,833	96	166	0	–1,571
General and administration	–593	1	306	0	–286	–414	1	103	0	–310
Restructuring	–6	0	0	6	0	3	0	0	–3	0
Other operating income/expense, net	–5	0	0	0	–5	–29	0	0	0	–29
Total operating expenses	–5,685	147	784	6	–4,748	–5,459	163	519	–3	–4,780

€ millions	Q1–Q2 2021					Q1–Q2 2020				
	IFRS	Acquisition-Related	SBP ¹⁾	Restructuring	Non-IFRS	IFRS	Acquisition-Related	SBP ¹⁾	Restructuring	Non-IFRS
Cost of cloud	–1,444	80	28	0	–1,336	–1,370	106	22	0	–1,242
Cost of software licenses and support	–939	16	34	0	–889	–998	22	31	0	–946
Cost of services	–1,447	10	129	0	–1,308	–1,725	2	94	0	–1,630
Research and development	–2,478	3	248	0	–2,227	–2,210	4	159	0	–2,047
Sales and marketing	–3,491	181	301	0	–3,009	–3,684	191	197	0	–3,296
General and administration	–1,098	6	516	0	–576	–729	1	110	0	–618
Restructuring	–164	0	0	164	0	–13	0	0	13	0
Other operating income/expense, net	–12	0	0	0	–12	–41	0	0	0	–41
Total operating expenses	–11,073	296	1,256	164	–9,357	–10,770	325	612	13	–9,820

¹⁾ Share-based Payments

Due to rounding, numbers may not add up precisely.

If not presented in a separate line item in our income statement, the restructuring expenses would break down as follows:

€ millions	Q2 2021	Q1-Q2 2021	Q2 2020	Q1-Q2 2020
Cost of cloud	-1	-130	0	0
Cost of software licenses and support	-1	-4	0	-2
Cost of services	-1	-15	-1	-5
Research and development	-2	-11	1	-5
Sales and marketing	-1	-3	3	0
General and administration	0	-1	0	0
Restructuring expenses	-6	-164	3	-13

Due to rounding, numbers may not add up precisely.

Disaggregations

(H) Segment Reporting

(H.1) Segment Policies and Segment Changes

SAP has three reportable segments: the Applications, Technology & Support segment, the Qualtrics segment, and the Services segment.

For a more detailed description of SAP's segment reporting, see Note (C.1) "Results of Segments" of our Consolidated Half-Year Report 2021.

(H.2) Segment Reporting – Quarter

Applications, Technology & Support

€ millions, unless otherwise stated (Non-IFRS)	Q2 2021		Q2 2020	Δ in %	
	Actual Currency	Constant Currency	Actual Currency	Actual Currency	Constant Currency
Cloud	2,066	2,171	1,912	8	14
Software licenses	649	670	773	-16	-13
Software support	2,823	2,925	2,891	-2	1
Software licenses and support	3,472	3,595	3,664	-5	-2
Cloud and software	5,538	5,766	5,575	-1	3
Services	81	84	63	29	33
Total segment revenue	5,619	5,850	5,638	0	4
Cost of cloud	-637	-674	-589	8	14
Cost of software licenses and support	-407	-420	-435	-6	-3
Cost of cloud and software	-1,044	-1,094	-1,024	2	7
Cost of services	-105	-108	-96	9	13
Total cost of revenue	-1,149	-1,202	-1,120	3	7
Segment gross profit	4,470	4,648	4,518	-1	3
Other segment expenses	-2,190	-2,268	-2,139	2	6
Segment profit (loss)	2,279	2,380	2,380	-4	0
Margins					
Cloud gross margin (in %)	69.2	69.0	69.2	-0.1pp	-0.2pp
Segment gross margin (in %)	79.5	79.4	80.1	-0.6pp	-0.7pp
Segment margin (in %)	40.6	40.7	42.2	-1.6pp	-1.5pp

Due to rounding, numbers may not add up precisely.

Qualtrics

€ millions, unless otherwise stated (Non-IFRS)	Q2 2021		Q2 2020	Δ in %	
	Actual Currency	Constant Currency	Actual Currency	Actual Currency	Constant Currency
Cloud	174	190	130	33	46
Cloud and software	174	190	130	33	46
Services	37	40	37	-2	8
Total segment revenue	211	230	168	25	37
Cost of cloud	-13	-14	-12	13	22
Cost of software licenses and support	0	0	0	NA	NA
Cost of cloud and software	-13	-14	-12	13	22
Cost of services	-28	-30	-24	16	25
Total cost of revenue	-41	-45	-36	15	24
Segment gross profit	169	186	132	28	41
Other segment expenses	-156	-173	-129	20	34
Segment profit (loss)	13	13	2	>100	>100
Margins					
Cloud gross margin (in %)	92.4	92.5	91.0	1.4pp	1.5pp
Segment gross margin (in %)	80.3	80.6	78.6	1.8pp	2.1pp
Segment margin (in %)	6.3	5.4	1.4	4.9pp	4.0pp

Due to rounding, numbers may not add up precisely.

Services

€ millions, unless otherwise stated (Non-IFRS)	Q2 2021		Q2 2020	Δ in %	
	Actual Currency	Constant Currency	Actual Currency	Actual Currency	Constant Currency
Cloud and software	0	0	1	<-100	<-100
Services	796	830	851	-6	-2
Total segment revenue	796	830	852	-7	-3
Cost of cloud	-21	-21	-19	11	15
Cost of software licenses and support	-2	-2	-4	-49	-46
Cost of cloud and software	-23	-24	-23	0	3
Cost of services	-501	-520	-545	-8	-5
Total cost of revenue	-524	-544	-568	-8	-4
Segment gross profit	272	286	284	-4	1
Other segment expenses	-92	-95	-119	-23	-20
Segment profit (loss)	180	191	165	9	16
Margins					
Services gross margin (in %)	37.0	37.3	36.0	1.1pp	1.4pp
Segment gross margin (in %)	34.1	34.5	33.4	0.8pp	1.1pp
Segment margin (in %)	22.6	23.1	19.4	3.2pp	3.7pp

Due to rounding, numbers may not add up precisely.

(H.3) Segment Reporting – Year-to-Date

Applications, Technology & Support

€ millions, unless otherwise stated (Non-IFRS)	Q1–Q2 2021		Q1–Q2 2020	Δ in %	
	Actual Currency	Constant Currency	Actual Currency	Actual Currency	Constant Currency
Cloud	4,024	4,247	3,802	6	12
Software licenses	1,132	1,171	1,220	-7	-4
Software support	5,623	5,852	5,824	-3	0
Software licenses and support	6,755	7,023	7,044	-4	0
Cloud and software	10,779	11,270	10,846	-1	4
Services	154	160	147	5	9
Total segment revenue	10,933	11,429	10,993	-1	4
Cost of cloud	-1,249	-1,324	-1,173	6	13
Cost of software licenses and support	-819	-850	-887	-8	-4
Cost of cloud and software	-2,069	-2,174	-2,060	0	6
Cost of services	-203	-211	-208	-2	2
Total cost of revenue	-2,272	-2,385	-2,268	0	5
Segment gross profit	8,661	9,044	8,725	-1	4
Other segment expenses	-4,304	-4,478	-4,437	-3	1
Segment profit (loss)	4,357	4,566	4,287	2	7
Margins					
Cloud gross margin (in %)	68.9	68.8	69.1	-0.2pp	-0.3pp
Segment gross margin (in %)	79.2	79.1	79.4	-0.1pp	-0.2pp
Segment margin (in %)	39.9	40.0	39.0	0.9pp	1.0pp

Due to rounding, numbers may not add up precisely.

Qualtrics

€ millions, unless otherwise stated (Non-IFRS)	Q1–Q2 2021		Q1–Q2 2020	Δ in %	
	Actual Currency	Constant Currency	Actual Currency	Actual Currency	Constant Currency
Cloud	333	364	250	33	45
Cloud and software	333	364	250	33	45
Services	79	87	79	1	10
Total segment revenue	413	450	329	25	37
Cost of cloud	-26	-28	-23	13	21
Cost of software licenses and support	0	0	0	NA	NA
Cost of cloud and software	-26	-28	-23	13	21
Cost of services	-57	-61	-53	8	16
Total cost of revenue	-83	-89	-76	9	18
Segment gross profit	330	361	253	30	43
Other segment expenses	-304	-337	-267	14	26
Segment profit (loss)	26	24	-14	<-100	<-100
Margins					
Cloud gross margin (in %)	92.3	92.4	90.9	1.4pp	1.5pp
Segment gross margin (in %)	79.9	80.2	77.0	2.9pp	3.2pp
Segment margin (in %)	6.3	5.4	-4.3	10.5pp	9.7pp

Due to rounding, numbers may not add up precisely.

Services

€ millions, unless otherwise stated (Non-IFRS)	Q1–Q2 2021		Q1–Q2 2020	Δ in %	
	Actual Currency	Constant Currency	Actual Currency	Actual Currency	Constant Currency
Cloud and software	0	0	2	-91	-91
Services	1,595	1,669	1,760	-9	-5
Total segment revenue	1,596	1,669	1,762	-9	-5
Cost of cloud	-42	-44	-39	8	13
Cost of software licenses and support	-10	-11	-16	-37	-32
Cost of cloud and software	-53	-55	-56	-5	-1
Cost of services	-1,008	-1,051	-1,180	-15	-11
Total cost of revenue	-1,060	-1,106	-1,236	-14	-11
Segment gross profit	535	564	526	2	7
Other segment expenses	-184	-191	-228	-19	-16
Segment profit (loss)	351	373	298	18	25
Margins					
Services gross margin (in %)	36.8	37.1	32.9	3.9pp	4.1pp
Segment gross margin (in %)	33.5	33.8	29.9	3.7pp	3.9pp
Segment margin (in %)	22.0	22.3	16.9	5.1pp	5.4pp

Due to rounding, numbers may not add up precisely.

(I) Reconciliation of Cloud Revenues and Margins

(I.1) Reconciliation of Cloud Revenues and Margins – Quarter

€ millions, unless otherwise stated		Q2 2021					Q2 2020					Δ in %
		IFRS	Adj.	Non-IFRS	Currency Impact	Non-IFRS Constant Currency	IFRS	Adj.	Non-IFRS	IFRS	Non-IFRS	
Cloud revenue – SaaS/PaaS ¹⁾	Intelligent Spend	691	0	691	46	737	692	0	692	0	0	7
	Other	1,359	0	1,359	64	1,424	1,136	0	1,137	20	20	25
	Total	2,051	0	2,051	110	2,161	1,828	0	1,828	12	12	18
Cloud revenue – IaaS ²⁾		225	0	225	12	237	216	0	216	4	4	10
Cloud revenue		2,276	0	2,276	122	2,398	2,044	0	2,044	11	11	17
Cloud gross margin – SaaS/PaaS ¹⁾ (in %)	Intelligent Spend	79.2		80.0		80.1	79.0		79.9	0.1pp	0.0pp	0.2pp
	Other	66.9		70.5		70.3	64.0		69.5	2.9pp	0.9pp	0.8pp
	Total	71.0		73.7		73.7	69.7		73.5	1.3pp	0.2pp	0.2pp
Cloud gross margin – IaaS ²⁾ (in %)		35.3		36.8		35.9	34.9		36.0	0.5pp	0.8pp	-0.1pp
Cloud gross margin (in %)		67.5		70.0		69.9	66.0		69.5	1.5pp	0.5pp	0.4pp

¹⁾ Software as a Service/Platform as a Service

²⁾ Infrastructure as a Service

³⁾ Constant currency period-over-period changes are calculated by comparing the current year's non-IFRS constant currency numbers with the non-IFRS numbers of the previous year's respective period.

Due to rounding, numbers may not add up precisely.

(1.2) Reconciliation of Cloud Revenues and Margins – Year-to-Date

€ millions, unless otherwise stated						Q1-Q2 2021			Q1-Q2 2020			Δ in %
		IFRS	Adj.	Non-IFRS	Currency Impact	Non-IFRS Constant Currency	IFRS	Adj.	Non-IFRS	IFRS	Non-IFRS	Non-IFRS Constant Currency ³⁾
Cloud revenue – SaaS/PaaS ¹⁾	Intelligent Spend	1,352	0	1,352	92	1,444	1,411	0	1,411	-4	-4	2
	Other	2,630	0	2,630	137	2,767	2,223	2	2,225	18	18	24
	Total	3,982	0	3,982	229	4,210	3,634	2	3,636	10	10	16
Cloud revenue – IaaS ²⁾		439	0	439	26	465	421	0	421	4	4	11
Cloud revenue		4,421	0	4,421	255	4,675	4,055	2	4,057	9	9	15
Cloud gross margin – SaaS/PaaS ¹⁾ (in %)	Intelligent Spend	78.8		79.4		79.4	79.2		79.3	-0.4pp	0.0pp	0.1pp
	Other	67.0		70.6		70.6	64.3		69.8	2.7pp	0.8pp	0.7pp
	Total	71.0		73.6		73.6	70.1		73.5	0.9pp	0.1pp	0.1pp
Cloud gross margin – IaaS ²⁾ (in %)		33.9		35.0		34.4	32.7		33.5	1.2pp	1.5pp	0.9pp
Cloud gross margin (in %)		67.3		69.8		69.7	66.2		69.4	1.1pp	0.4pp	0.3pp

¹⁾ Software as a Service/Platform as a Service

²⁾ Infrastructure as a Service

³⁾ Constant currency period-over-period changes are calculated by comparing the current year's non-IFRS constant currency numbers with the non-IFRS numbers of the previous year's respective period.

Due to rounding, numbers may not add up precisely.

(J) Revenue by Region (IFRS and Non-IFRS)

(J.1) Revenue by Region (IFRS and Non-IFRS) – Quarter

€ millions	Q2 2021					Q2 2020			Δ in %		
	IFRS	Adj.	Non-IFRS	Currency Impact	Non-IFRS Constant Currency	IFRS	Adj.	Non-IFRS	IFRS	Non-IFRS	Non-IFRS Constant Currency ¹⁾
Cloud Revenue by Region											
EMEA	803	0	803	11	813	660	0	660	22	22	23
Americas	1,176	0	1,176	98	1,275	1,133	0	1,133	4	4	12
APJ	297	0	297	13	310	251	0	251	18	18	23
Cloud revenue	2,276	0	2,276	122	2,398	2,044	0	2,044	11	11	17
Cloud and Software Revenue by Region											
EMEA	2,616	0	2,616	20	2,637	2,515	0	2,515	4	4	5
Americas	2,218	0	2,218	184	2,402	2,294	0	2,294	-3	-3	5
APJ	915	0	915	41	956	900	0	900	2	2	6
Cloud and software revenue	5,750	0	5,750	245	5,995	5,709	0	5,709	1	1	5
Total Revenue by Region											
Germany	1,006	0	1,006	1	1,008	951	0	951	6	6	6
Rest of EMEA	2,014	0	2,014	21	2,035	1,968	0	1,968	2	2	3
Total EMEA	3,020	0	3,020	23	3,043	2,919	0	2,919	3	3	4
United States	2,132	0	2,132	194	2,326	2,311	0	2,311	-8	-8	1
Rest of Americas	488	0	488	22	509	480	0	480	2	2	6
Total Americas	2,619	0	2,619	216	2,835	2,791	0	2,791	-6	-6	2
Japan	306	0	306	35	341	336	0	336	-9	-9	2
Rest of APJ	724	0	724	11	735	698	0	698	4	4	5
Total APJ	1,030	0	1,030	46	1,076	1,034	0	1,034	0	0	4
Total revenue	6,669	0	6,669	285	6,955	6,743	0	6,744	-1	-1	3

¹⁾ Constant currency period-over-period changes are calculated by comparing the current year's non-IFRS constant currency numbers with the non-IFRS numbers of the previous year's respective period.

Due to rounding, numbers may not add up precisely.

(J.2) Revenue by Region (IFRS and Non-IFRS) – Year-to-Date

€ millions	Q1–Q2 2021					Q1–Q2 2020			Δ in %		
	IFRS	Adj.	Non-IFRS	Currency Impact	Non-IFRS Constant Currency	IFRS	Adj.	Non-IFRS	IFRS	Non-IFRS	Non-IFRS Constant Currency ¹⁾
Cloud Revenue by Region											
EMEA	1,547	0	1,547	29	1,577	1,277	0	1,277	21	21	23
Americas	2,291	0	2,291	201	2,492	2,275	2	2,277	1	1	9
APJ	582	0	582	24	606	502	0	502	16	16	21
Cloud revenue	4,421	0	4,421	255	4,675	4,055	2	4,057	9	9	15
Cloud and Software Revenue by Region											
EMEA	5,050	0	5,050	66	5,115	4,840	0	4,840	4	4	6
Americas	4,336	0	4,336	381	4,717	4,545	2	4,547	-5	-5	4
APJ	1,792	0	1,792	76	1,868	1,720	0	1,720	4	4	9
Cloud and software revenue	11,178	0	11,178	523	11,700	11,106	2	11,107	1	1	5
Total Revenue by Region											
Germany	1,957	0	1,957	2	1,959	1,846	0	1,846	6	6	6
Rest of EMEA	3,898	0	3,898	71	3,969	3,862	0	3,862	1	1	3
Total EMEA	5,855	0	5,855	74	5,929	5,708	0	5,708	3	3	4
United States	4,166	0	4,166	377	4,543	4,577	2	4,578	-9	-9	-1
Rest of Americas	974	0	974	73	1,047	983	0	983	-1	-1	7
Total Americas	5,140	0	5,140	450	5,590	5,560	2	5,561	-8	-8	1
Japan	628	0	628	56	684	641	0	641	-2	-2	7
Rest of APJ	1,394	0	1,394	30	1,424	1,356	0	1,356	3	3	5
Total APJ	2,022	0	2,022	86	2,108	1,997	0	1,997	1	1	6
Total revenue	13,017	0	13,017	610	13,627	13,264	2	13,266	-2	-2	3

¹⁾ Constant-currency period-over-period changes are calculated by comparing the current year's non-IFRS constant-currency numbers with the non-IFRS number of the previous year's respective period.

Due to rounding, numbers may not add up precisely.

(K) Employees by Region and Functional Areas

Full-time equivalents	6/30/2021				6/30/2020			
	EMEA	Americas	APJ	Total	EMEA	Americas	APJ	Total
Cloud and software	5,859	4,456	5,029	15,345	6,354	4,638	5,461	16,454
Services	8,264	5,627	6,102	19,993	8,278	6,067	5,992	20,337
Research and development	14,489	6,162	10,021	30,672	12,941	5,942	9,330	28,214
Sales and marketing	10,607	10,765	4,991	26,363	10,266	10,493	5,104	25,863
General and administration	3,452	2,184	1,187	6,823	3,208	2,215	1,233	6,656
Infrastructure	2,588	1,299	792	4,679	2,138	1,049	670	3,857
SAP Group (6/30)	45,261	30,493	28,123	103,876	43,184	30,404	27,791	101,379
Thereof acquisitions ¹⁾	377	43	26	446	0	0	0	0
SAP Group (six months' end average)	44,741	30,332	28,021	103,094	43,190	30,248	27,718	101,156

¹⁾ Acquisitions closed between January 1 and June 30 of the respective year

Other Disclosures

(L) Financial Income, Net

Finance income mainly consists of gains from disposals and fair value adjustments of equity securities totaling €985 million in the second quarter 2021 (Q2/2020: €211 million) and €1,515 million in the first half 2021 (HY1/2020: €333 million).

Finance cost were primarily impacted by losses from disposals and fair value adjustments of equity securities totaling €67 million in the second quarter 2021 (Q2/2020: €57 million) and €228 million in the first half 2021 (HY1/2020: €159 million).

For more information about Financial Income, Net, see the Notes to the 2021 Consolidated Half-Year Financial Statements, [Note \(C.3\)](#).

(M) Business Combinations and Divestments

(M.1) Business Combinations

In January 2021, SAP announced it had entered into an agreement to acquire Signavio GmbH (Berlin, Germany) ("Signavio"), a leader in the enterprise business process intelligence and process management space. The purchase price was €949 million. The transaction closed on March 5th, following satisfaction of regulatory and other approvals; the operating results and assets and liabilities are reflected in our consolidated financial statements starting on that date.

For more information about Business Combinations, see the Notes to the 2021 Consolidated Half-Year Financial Statements, [Note \(D.1\)](#).

(M.2) Divestments

On April 13, 2021, SAP and investment company Dediq GmbH ("Dediq") announced that they had agreed to enter into a partnership in the area of financial services. SAP and Dediq will run a dedicated Financial Services Industry (FSI) unit, which will be jointly owned by the two companies and will be called "SAP Pioneer" after the transaction has closed.

SAP will contribute certain FSI-centric software solutions to the new unit (with SAP employees also transferring over on a voluntary basis) in exchange for a minority share in the new entity.

The transaction is expected to close in September 2021, following satisfaction of all closing conditions including regulatory approvals. Upon closing of the transaction, SAP and SAP Pioneer will execute transition service and go-to-market agreements, among others.

(N) Qualtrics Initial Public Offering (IPO)

On January 28, 2021, Qualtrics International Inc. successfully issued 12% of its shares on the Nasdaq Stock Market (NASDAQ). The IPO related cash inflow amounted to €1,847 million and the initial value of non-controlling interests in net assets was €909 million.

(O) Share Based Payments

In the first half of 2021, 67.1 million equity-settled Qualtrics RSU (Retention Share Units) awards were granted to encourage and enable Qualtrics executives and employees to acquire an ownership interest in Qualtrics.

Upon completion of a voluntary exchange offer for eligible Qualtrics employees in conjunction with the IPO on January 28, 2021, 5.4 million of Qualtrics rights and 1.3 million SAP RSU awards were exchanged into 12.8 million Qualtrics RSU awards. The terms and conditions of the voluntary exchange offer, including the exchange ratio, were designed to preserve the intrinsic value of the Qualtrics rights and SAP RSUs that were tendered. The modification date fair value of the Qualtrics RSU awards was US\$30.00.

(P) Financial Liabilities

In March 2021, SAP drew two short-term bank loans of €950 million and €500 million with tenors of one year. The loans can be repaid flexibly over time and bear interest at the Euribor reference rate plus 0.08% and 0.05%, respectively. In the same month, we repaid €500 million in Eurobonds. In June 2021, we repaid the outstanding €1,250 million of a term loan drawn in 2019 for the acquisition of Qualtrics. As at June 30, 2021, we had issued €1,080 million under our Commercial Paper (CP) program with short-term maturities.

(Q) Change in non-IFRS revenue measures

In the second quarter of 2021 and effective for the full year 2021, we changed our non-IFRS definition. We no longer adjust our IFRS revenue measures by including the full amount of recurring revenue that is not recognized under IFRS due to fair value accounting for the contracts in effect at the time of the respective acquisitions. The adjustment amounts were immaterial for the first half of 2021.

Thus, our IFRS revenue is equal to our non-IFRS revenue at actual currencies. Stated 2020 results are based on our 2020 non-IFRS definition.

The adjustment of our non-IFRS definition also impacts our operating profit (non-IFRS), profit before tax (non-IFRS), profit after tax (non-IFRS), and our non-IFRS key ratios such as operating margin, effective tax rate, and earnings per share, basic.