





“ ”

31,167.06

5G

2021

**1**

2019

2013

2016 2020

2016-2020

2021-2023

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IPv6

2021-2023

2023

2500

15%

2023

10%

2019

GDP

16.4%

2018

0.6pct

IT

5.5%

2018

0.7pct

IT

1.9%

3.74%

4.78%

**2**

2018

26.2%

64.4%

9.4%

48.1%

38.1%

13.8%

**3**

IT OT



5G

4

IT

“ ”

2016 4

“

”

“

” 2020 12

2021

5



2017 13.4 2019 27.2 42.3% 0.5%

2019 8

6 5G

5G

5G

5G

5G

2020 3

5G

5G

5G

IT

“ ”

5G

5G

5G

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5G

A

1.00

**1**

5G

47,232.18

31,167.06

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3

35



35

20

80%

20

8

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$$/ \quad P_1 = P_0 - D$$

$$P_1 = P_0 / (1 + N)$$

$$P_1 = \frac{P_0 - D}{1 + N}$$

$P_0$

$D$

$N$

$P_1$

---

**1**

1

2

**2**

1

2

3

4

5

---

6

**3**

1

2

3

**4**

35

**5**

1

20

80%

2

**6**

6

---

7

8

9

30%

30%

30%

30%

---

18

6

2015 8

18

2022 3 31

**10**

2021



2021

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[2013]110

[2014]17

[2015]31

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5

673,630,150

6

2021

2021

-3,852.31

-4,595.09

7

2022

2021

10%

10%

8

9

**2**

	2021	/2021	2022	/2022	12	31
	12	31				

/	-0.06	-0.06	-0.06
/	-0.07	-0.07	-0.07
	-4.36	-4.55	-4.42
	-5.20	-5.43	-5.27
2 2022	10%		
	-3,852.31	-3,467.08	-3,467.08
	-4,595.09	-4,135.58	-4,135.58
/	-0.06	-0.05	-0.05
/	-0.07	-0.06	-0.06
	-4.36	-4.09	-3.97
	-5.20	-4.87	-4.73
3 2022	10%		
	-3,852.31	-4,237.54	-4,237.54
	-4,595.09	-5,054.60	-5,054.60
/	-0.06	-0.06	-0.06
/	-0.07	-0.08	-0.07
	-4.36	-5.02	-4.87
	-5.20	-5.98	-5.81

9

2010

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**1**

**2**

**3**

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4

5

3 —

[2013]43

2021-2023

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1

2

3

4

5

6

7

1

2

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3

2022 6 24