1 2 3 4 • 1 • 1. 5 6 • 1 • 2 7 8 • 2-1 9 • 2-2 10 • 2-3 11 • 2-4 1# 2# 3# 4# -1-5#1- --6#1----

7#2- - -8#2-1- -9#2-2- -10#2-3- -11#2-4- -

- 2-5 <sup>12</sup>
- 3
- 2
- 1
- 2
- 3 17
- 4 ""18
- 5
- 6
- 3
- 1
- 2
- 3
- 4
- 5
- 6
- 2

<sup>12</sup>#2-5- --

<sup>13</sup>#3- ---

<sup>14</sup>#2- -- -

15#1- - -- --

<sup>16</sup>#2- - - -

17#3-- - - -

18#4- - - - - -

<sup>19</sup>#5- - - -

<sup>20</sup>#6- - <sup>21</sup>#3- - -

22#1- -- -

23#2- - -- --

<sup>24</sup>#3- -

<sup>25</sup>#4- --

26#5- -- - ---

<sup>27</sup>#6- --

28# -2- -- -- --

```
29
  • 1
                            30
  • 1
                                             31
  • 2
                                              32
  • 3
                        33
  • 4
                               34
  • 5
                                                35
  • 2
                                                   36
  • 1
                                     37
  • 1-1
                                                                 38
  • 1-2
                                                                          39
  • 1-3
                                         40
  • 1-4
                                         41
  • 1-5
                                               42
  • 1-6
                 43
  • 2
                                         44
  • 3
                                               45
  • 1
<sup>29</sup>#1- --
30#1- - --
<sup>31</sup>#2-
<sup>32</sup>#3-
33#4-
<sup>34</sup>#5-
<sup>35</sup>#2-
<sup>36</sup>#1-
37#1-1- -
<sup>39</sup>#1-3-
40#1-4-
<sup>41</sup>#1-5-
<sup>42</sup>#1-6-
```

43#2- --

```
• 2 " " " "46
```

• 3

• 4

• 5

• 6

• 7 51

• 4 52

• 1

• 2 54

• 3 <sup>55</sup>

• 4 56

• 5 <sup>57</sup>

• 6

• 7 59

• 8

• 9

• 10 <sup>62</sup>

46#2- -- ---

<sup>47</sup>#3- -- --

48#4- -- --

49#5- -- -

50#6- - - - - -

<sup>51</sup>#7- -- --

52#4- - -

53#1- -- --

<sup>54</sup>#2- -

<sup>55</sup>#3-

56#4- -

<sup>57</sup>#5-

<sup>58</sup>#6- -- -

<sup>59</sup>#7-

60#8- -- --

61#9- --

62#10- -

```
63
  • 11
              64
  • 12
  • 5
               65
                            66
  • 1
                                                67
  • 2
                         68
  • 3
                 69
   • 4
                                                     70
  • 5
                                  71
  • 6
                      72
  • 7
                             73
  • 8
                      _ 74
  • 9
                               75
  • 9-1
                               76
  • 9-2
                   77
  • 10
                           78
  • 11
                                                       79
         3:
<sup>63</sup>#11- --
64#12-
<sup>65</sup>#5- -
<sup>66</sup>#1- --
<sup>67</sup>#2- -
<sup>68</sup>#3- -
69#4-
<sup>70</sup>#5-
<sup>71</sup>#6-
<sup>72</sup>#7-
73#8- --
<sup>74</sup>#9-
<sup>75</sup>#9-1-
<sup>76</sup>#9-2-
```

<sup>77</sup>#10- <sup>78</sup>#11<sup>79</sup># -3-

```
80
 • 1
 • 1
                7
                     82
  • 2
                                83
  • 3
                84
  • 4
                              85
  • 5
                                86
  • 2
                        87
 • 1
                     88
 • 2
                                89
 • 3
                                90
  • 1
                91
  • 2
              92
  • 3
                       93
  • 4
                               94
  • 4
                 95
 • 1
                   96
 • 2
80#1- --
81#1-
82#2-
83#3- -
84#4-
<sup>85</sup>#5-
86#2-
87#1-
88#2-
89#3-
90#1-
91#2-
92#3-
93#4-
94#4-
95#1-
```

96#2-

97

```
• 5
                              98
   • 1
                              99
   • 2
                        100
   • 3
                        101
   • 4
                                102
   • 5
                               103
   • 6
                                    104
   • 6
                       105
   • 1
   • 1-1
                      106
              107
   • 1-2
                108
   • 1-3
                109
   • 1-4
                 110
   • 1-5
   • 2 111
                  112
   • 2-1
                      113
   • 2-2
 <sup>97</sup>#5- --
 98#1-
 <sup>99</sup>#2-
100#3-
101#4-
<sup>102</sup>#5-
<sup>103</sup>#6-
104#6-
105#1-
106#1-1-
107#1-2-
108#1-3-
<sup>109</sup>#1-4-
110#1-5-
111#2-
<sup>112</sup>#2-1-
```

<sup>113</sup>#2-2-

```
114
• 78
        115
• 1
• 2
         116
         8 117
• 34
            118
                 119
• 1
                      120
• 2
                 121
• 3
          122
• 4
                                    123
• 5
               124
• 6
                     125
• 7
               126
• 8
                     127
• 9
                    128
• 10
          129
• 11
                                130
• 12
```

```
114#7-8-
115#1- -
<sup>116</sup>#2- - -
117#3-4- - --8-
118# -{}-{}-
<sup>119</sup>#1- - -
120#2- --
121#3- - -
122#4-- --
123#5---
124#6- - -
<sup>125</sup>#7- -
<sup>126</sup>#8- --
127#9- --
<sup>128</sup>#10- --
<sup>129</sup>#11-
130#12- --
```

```
131
  • 13
                       132
  • 14
                        133
  • 15
           "    "      "134
  • 16 "
           70 , 200 , 80 ^{135}
  • 17
                        ,,
                                        136
           44
  • 18
                                    137
  • 19
                              138
  • 20
                     139
  • 21
                              140
  • 22
          141
  • 23
            _ 142
  • 24
          143
  • 25
                     144
  • 26
                       145
  • 27
  • 28
                       146
                       _ 147
  • 29
131#13- --
132#14- - ----
133#15- - - - - - - -
<sup>134</sup>#16- -- -- -
135#17- --70- -200- -80-
136#18- ---- --
137#19-
138#20- - - - - -
139#21- - - -
<sup>140</sup>#22-
141#23- - -
142#24-
143#25- -- --
144#26-
<sup>145</sup>#27-
<sup>146</sup>#28- --
```

<sup>147</sup>#29- - --

• 30

• - 149

150

( )

• 1]

• 1]

• 1] -

• 2]

• 2-1]

• 2-2]

• 2-3]

• 2-4]

• 2-5]

• 3]

2]

• 1]

2]

• 3]

• 4] "

• 5]

• 6]

• 3]

• 1]

<sup>150#</sup> 

- 2]
- 3]
- 4]
- **5**]
- 6]
- 2]
- 1]
- 1]
- 2]
- 3]
- 4]
- 5]
- 2]
- 1]
- 1-1]
- 1-2]
- 1-3] ,
- 1-4]
- 1-5]
- 1-6]
- 2]
- 3] ,
- 1]
- 2] " " " "
- 3]

- 4]
- **5**]
- 6]
- 7]
- 4]
- 1]
- 2]
- 3]
- 4]
- 5]
- 6]
- 7]
- 8]
- 9]
- 10]
- 11]
- 12]
- 5]
- 1]
- 2]
- 3]
- 4]
- 5] ,
- 6]
- 7]

- 8]
- 9] -
- 9-1]
- 9-2]
- 10]
- 11]
- 3]
- 1]
- 1] 3
- 2]
- 3]
- 4]
- 5]
- 2]
- 1]
- 2]
- 3]
- 1]
- 2]
- 3]
- 4]
- 4]
- 1]
- 2]
- 5]

- 1] ,
- 2]
- 3]
- 4]
- 5] ,
- 6]
- 6]
- 1]
- 1-1]
- 1-2]
- 1-3]
- 1-4]
- 1-5]
- 2]
- 2-1]
- 2-2]
- 7] 8
- 1]
- 2]
- -
- 1]
- 2]
- 3]
- 4]
- 5]

- 6]
- 7]
- 8]
- 9]
- 10]
- 11]
- 12] ,
- 13]
- 14]
- 15] ,
- 16] " " " "
- 18]
- 19]
- 20]
- 21]
- 22]
- 23]
- 24]
- 25]
- 26]
- 27]
- 28]
- 29]
- 30]
- -
- •

30, 

```
70 ,
              -19,
                       2
      2021,
                8
     11
10 ,
                                         2007.
15
```

```
17
                           2011,
2017,
2018,
         2018,
   2018
                                27
                                                      19
                                 12
28
         2019
                2018,
                             70
```

70 70 " 2014. 30 2018, 70 2018, 31

.

```
1
                 10.
1.
2016
                        . 7
                                                              36
             7
                                                            20
    .
2018, 3
                  7
                                 2013,
                                                        10
2018.
```

90, 2013, 2017,

2 **2-1** 2013. 2-2 28 2015, 3 !" 7 70 2012 2015. 2016, 200 70 200 200 11.900 55 70 1,72  $^{2}$ . , 15 70 13 ?". 2-3 2014,

- .

**2-4** 13 2015, 2015, 11 70 70 !", . 1957. 7.000 20.000 14 , 2-5

, , , , , ,

```
,
2013 2019.
                    2018.
                                2017,
                    2018
          2018
                                               70
          2019
2019
     2020,
   . 2020,
                                                      5
 2021,
 2
 2022,
                                     4
```

2 70 . 2018 1 29 ". 2017, -15" -14", 2017, 53 4.475 950 . 9  $\begin{matrix},\\100\%\end{matrix}$ 

" ", -2009 .

27

2003.

```
2006,
                        25 2009,
. 13
                                             2013,
                        . 6 2016,
       2016,
                              3
                                    2017, -,
       , 5,7,
\mathbf{2}
                                      90,
                                                40 ,
                  70
       70
                          2006,
                                                1718
```

```
2016,
    30
                            2321
                                       7,5
487
           2017,
    5
                          2371
                                                              4
 28
                                                    30
                                          10
                                                    1718 (2006),
1874 (2009), 2087 (2013), 2094 (2013), 2270 (2016), 2321 (2016) 2356
(2017).
     7
             2017,
                                      2371
(
                                ( ) 1993,
            2017,
    18
    2375,
                                  30\%
             22
                     2017,
                                     2397
  -15"
                             24
                       2375
                                                   55 2017,
                                        2017.
                                 28
                                        120 .
3
                                                            90.
                           1994.
```

```
_{6}^{,}
_{100\%}
           2016,
2018,
                                               1
                                                         2016
                                                     1,4 .
   2016,
```

```
6
       -19
                 2020
                                                         2019,
                                            , 28
                                          ,
2020,
                                 16
                                                          27
         2022,
                                              27
19
                     70
                                              2019,
                                                       5
    10
             2020,
                                                             75
                                    2018,
                                                      2021,
  14.
                                      -5".
```

```
1990". "
                          1982
                                       5
                            "
                                                   5
                                                              24
                   11
                            2009,
2010.
                   4.15
                                                      1.500
103
                                                                  95\%.
50\%
                              40
```

78%80 22000, 12.000 40.0005:5. 2 3 5 80

```
-19.
         2013,
7
            3
    2014,
           80
                         1
    2015,
    2016,
           70
               200
                               12.000
                                                  100
                       60
                                                  90
                                                               44
                             4.800
                                               40
                70
                             21.
                                                 12.000
       ,
100
4
                                  300
                                 240
                           240
                                                         1.700
            300
                                  2.000
```

```
10\%
      2020,
                                                  20.000
  8
                                                50.000
                                  10.000
                                                       5.000
10.000
             25.000
    ,
23
             2021,
                   8
50.000
                                        2025,
                                                     80
```

200 10.000  $\overset{,}{2.000}$ 2.000. 680 31 2013.

```
"
!
                          2015
                    2018
```

1

```
30
          2014,
                                              70\% \\ 30\%
                                                          , 30%
```

10%

```
( )
15%
                                                           30\%
                                       300
                                                  100 150
              30 .
                                     20\%
                                      300.000
                                              400.000 ,
3
               10 15
```

```
18
                                      25
         2019,
                                                        2009,
                                        1965,
                                                 10
().
                                           , 1
                                                             1
         , 7
                        100
               2016,
3-4
                                              1.000
                        2.500
650
               350
                                 ,
6.000
10
                                                  , 30\%
                                                                   70\%
                            30
                                                    600 .
                   320
                       2018,
                                                           700
    1
```

```
3.000 , 10
                 10 .
        90
                                      20
                                          25
                                                40 50 ' '
       60 ' '.
          2019,
                                                             12
          15
                                                    10
                        15
                                               10
          ,
80%
                                                          15\%
                 70\%,
                                                           80\%.
                 100\%
                                             , 40\%
                                  1000 .
60\%
                                  40\%
                                                      10\%
    25 \ \ 27
```

2018, " " ( - - ) , , , ,

```
\mathbf{2}
 6
6
               2016, 7
1980,
                                                                                                             36
```

9 , -					-	-	
7 !"				"		,	
1							
- 7 2020.					,		2016
	,		,				
			,				
1-1							
. , ,	,	,				,	. ,
,					,		
,		-	,	,	(	- ,	. ,
, ,		).		٠	,		
,			-		•		
7				-			
2019.	,				,		,
	. ,	,			,		
,	,	,	,			,	
•	,					2018	3

2018 2018 2019 . 60% 1-2 80%

1-3 , ,

· · ·

.

, , , , ,

1-4 80% " 60-70%  1-5 80% . 15 2015, 415 1-6 , 2022, 28 19 14 . 10 1997

-

```
,
2013,
       29
    .
29
\mathbf{2}
                                           . 18 2021, 4 14
. 6 - - 20
                                                                     20 ,
                                                                     20
     7
     8
```

). ( ), 7

```
5
3
1
                       2016
                22
       2016,
                      44
      2).
   1
                           , 2016,
360
                           2009,
                                                         2010.
        36
                     13
                                 2010
                                                         2011,
                                                 27
             5.000
                                                 2013,
                                                   2015
                         28.500
                9
                                                     400
 , 6.000
```

2,5 2,5 2016, 17 25 , 2016, 40 55% 680 360 70

```
40
30 40%,
                                             2016,
   · 1,2
                                15
                  4 5
                                                                     ,
10 ,
                  1
             3
                1.
)
11
                                                           ,
40
24
         21
                                                         15
                     1
                                         "
            ,
400.000 ,
```

2014, 30%70%2016, , 50 100 . 250 , 200 150 12 100 100 200

2018, 1962 , 50 80. 10

**3** , , ,

```
2016, \\ 1.000
                                              19.950^{-2}
4
                                    23
                                             2016
                        - (30),
                               15
                                         1977,
                                                     40
                                                         2.000
          60
                  8
                                                             60
                                            ,
                                                  (200)
                600
           80
                                   180
        180
470
```

78%, 24400 90%10%1

```
30
5
25
(41
          2016,
     ),
             38 ,
              1.500
                                       2014,
30.000
                                         48.700
```

6 242016. , - (51 , 422 ". " 1890. 2012, 2016, 16.000 16.000 . 4 , 10 , , 1 , , , 12 14 , 1 80 2015, 740.000 325 (34)

```
300
4
        13 2018,
                                       2017
                                               307,04
                                      3,7%
                                                296
               1.214
2016.
                                                2013
         2013,
                         24,98
                                              41{,}36\%
12,65\%
         , 13,51\%
                         32,48\%
                                                1.013
                                   3.000 5.000 ,
     150.000 .
                            400.000 .
 180-240
1
  , 700
         , 500
                                 300.
                "700" "300".
                                                       300.
                                        150.000
                                                        2018,
          20\%
```

```
3
                         2019
                          1
         6
             , 5
3
                                      ( 1, 11 21
    1
          2002,
     ,
80
          40
      ,
19
                                                       14.
```

```
20 , 1-2
                                                         3.000 \quad 4.000
                                                                 15
                         7.000, 8.000
                                                               15.000
                                                               60.000
                  4.000 \quad 5.000
                                                                500 ,
             700.000 . 5 10
                                                       1/5
4
                                                     ?".
                                                              70
                   1/3
                 191 192,
                                                 195.
```

```
3
                 70\%
                                                       300
                                                             500
                                                                   2
 3
                             5
                                        191,
                                                         200
                                                           100
22
                                        0,28
             2,2
                                               2890
                                                                 200
                 20
15
                  20
                                              20
```

· ,

,

```
7
                                              70.000
        90\%
                                          1 7,
               1 100%
   70%
                30\%
                .
30%
                      3
 50%. 4
                           70\%
                                5
                                    100\%
                                              6 7
      6
                                      5,5
           7
          ,
2017,
                                100\% ,
                         2016.
           1 7
                                4,5
                         2012.
                                         2012,
                                               2016.
                                       617
                                   9
                                                45.000
                         3.000
```

```
800
                                                                             1 2 .
             60\%
                                                                200 ,
             ,
-19,
               2021,
8
(4.15), \qquad (6.1), \qquad (8.15), \qquad (8.27), \qquad , \\ (9.9), \qquad (11.16), \qquad (10.10), \qquad . \qquad (3.8)
                            1982,
       2008,
                                                    1987
                                                                     17 2019.
                    30
10 ,
```

```
1997,
                                       2016,
                   2
                                        2016
                                2017, 22
                      4 7
    1.600
                          70
                          80
                                "32
2017,
               560
 2017,
                                               2018,
                                 17 20
                                            2019,
```

```
2017,
                                                 22 26
                                                              2018,
                                          200
   ,
2019,
                                                         10
                                                          -2021".
       , 3
                                     76
9
```

.

```
100.000
       20.000
                                            10
                                                         2013
                                  1
 2018
                          70
                      3
           , 2019,
        20 "
               5.1
                                       , ,
150.000
             1
                    1989,
                                            1989
                                                  2012,
                                                                13
                                                      2018,
                               70
11
```

" "

```
2012
   26 28
               2019,
                                                         300
 2017,
15
 2019,
                                                     11
  60
                                      2009.
                                            ,
60
                                                         70,
                        50
                               50
```

```
-19.
1
                           30
1991,
                       64.
                 50 .
                 30 60€/ 2
                               7,5 50€/ ²
  , 50€/ ^{2}, . 3,3€/ ^{2}, 5,9€/ ^{2}, 5,9€/ ^{2},
                              50%.
 1€/2/, . .
```

.

```
8
                          , 6
                                                    270
                                        30€/
                                                               80€/
"
2
    , 28
               1991,
                        746^{-2},
                                                                1991.
                                                       28
31
         1993,
                                  7
8
                                                                 3
 2011.
                          5
        1
```

. 50

```
2011,
                                             2012,
                                                 2002,
                                                 2010 2016,
        29
                2013,
                                                       3192
                        2013,
               . 21
                                                    13
                                , 2014,
                       3450.
2015,
               2020
                        2021.
       2019,
                )
  20
```

```
7
                                                                     2015,
3
     37
             2
                                 1984,
 1990, ", "
                           20
```

, 2014,

```
7
                12
                      ,
1.000 .
                                 (1.639)
                                                        10
, - 12
1.500 100
        1,2 )
                                                   ,
13
             80
         46.000^{-2},
                                        1 2.
                 2.750,
                9,16^{-2},
                                  14,4
                                                 384 .
   100
```

```
800
, 160 (918-1392).
                                                   12 15
                                  500
 25
                            27
                                 1953.
                        240 ,
                                                            70 .
                                                             2000
                                                              11
                                     48
2014,
                                                    .
676
```

```
142
                            9
          , 11
, 328
 ,
5.1.
                             100
                27
                        2018,
        55
    1994.
                             20
                        , 9
, 10
                                            18
27 .
 2019,
```

```
190.000
                        ,
                                          . 70
                 25
                        2020,
                                                  26
         3.000
      500
                                                -19.
      ,
3.500
,
5.000.
            -19
                                                      5-6
        2-3 .
   6
                                         2018 2019,
                                            1.000
,
2018, 200.000
-19,
                                            300.000. ,
                                   2019,
8
```

-		,	-	,		, -
				014.	(	), , ,
	, ,	, ,	, , ,	,	,	28
2017,						,
			•			,
						,
						,
		,	100 .			,
			,		,	
		, , ,	, ,	, ,	, , ,	, ,
•			,	,		, ,
	,	, , .	,			28
		15 .	•			
				:		
		1996.9.10		1998.10.27		2002.9.30
		1996.11.11		1998.12.14		2003.11.19
		1996.11.28		1999.6.16		2005.3.22
		1997.8.19		1996.6.21		2005.6.13
		1997.10.15		1999.10.11		2006.5.14
		1998.1.23		2000.2.21		2006.8.24
		1998.2.4		2000.9.27		2007.11.1
		1998.8.26		2002.3.1		2008.2.12
		1998.10.27		2002.5.3		
		1998.8.26		2002.7.16		

:

1	1997.10.26	9	2002.7.11
2	1998.1.23	10	2002.7.29
3	1998.6.16	11	2000.6.3
4	2000.2.21	12	2003.11.19
5	2000.3.2	13	2004.7.6
6	2000.12.25	14	2005.3.22
7	2001.7.17	15	2006.6.30
8	2002.5.3		

```
9
   15
           2000
                                                15
                                                         15
                                 1182
                                                            6
2005.
                                      1)
                        , 3)
                      , 6)
                             , 7)
9-1
                                                   13
                                                            2002.
              30
                     2003,
                                                            50
                                            2
2010,
               1
```

```
2003 2016,
                  1:30,
                         2013,
                                          3"
                      ,
2016,
               10
   12
              124
                        52.000
9-2
                 18 1998, 2.000
                                1998,
                                       500
                            1
         2002,
   13
   3413.
                      2004,
                              2004,
              2003.
                        2005,
                                               1
    2007,
                         2008,
     11 2008,
                             2010,
"
```

```
5.24",
                                5.24"
                                        5.24"
               2019,
                                   12
                                           2018,
      2019,
                                                            16
2020,
                                     9.19",
                                  23
                                          2019,
             3 4
10
                    1974
```

```
25\%
                     , 14\%
                               10\%
        5 30%
      2 10\%
     ; 2 4%
      : 3 5%
                    : 4 10%
     16 - 50\%
     : 6 30%
                   :
            2 8\%.
    : 25%
           1\%
                   , 1%
                  1.500 15.000 ( - )
     :
11
```

3: . 2017 2018, 2019, 12 14 1 7 2018,

1	7	
	20 2018,	7
	:	
	-	,
	2012	
	2013,	, ,
	-	5 . , , , , ,
	3 7	· -
	,	•
2		
	,	• ,
	,	
	".	:
	, -	, , ,
	, 21	2018 ( 107 ),
	,	, ,
	,	, , ,
	,	,
		,
	,	,
		•
3		

-, 4 11 2019, 14 " "

2017.

2014, 

· · · ,
· · · ,
· · · ,

2, 

```
2015. ",
                                                    2.8
                                                           8
                                8.000
    20
                                                  30
"
        2 3
  50
```

```
2018,
          100% 200%
       1
5
   2014,
     1980,
                     " -1",
                               31
             5
                    2009.
                ,
-3" 14
                               2012, "
   2017.
```

1 7 , 2013, 2017 7 2016, -4" 1.700

·

```
2014,
                              13
          2012,
                  6
                        12
          12
                                                 11
       10
                            100
                                                     12
                                         ,
12
                     3
                                         3
                        12
                                                                    50
2
               2017,
- 2017"
     28
                "
                               280
                                          21,
                       .
12
```

2016. 25 2015,

 $\mathbf{5}$ 2016, 

```
6
2017,
        2019,
                            20.000
                                        2014,
                                                          440
()
6
```

2021, 8 1 1-1

,

• ,

1-5 100% 2009,  $.\\15\ 20\%$ , , , , , 2019, , 106.03 8250 80

, 5000, 2000, 500, 200 100. **2-1** 

	,				. ,			
	,	, -19,						
		-19,		,				
		,		,				•
		,	•			•		
		•				•		
				•	,			
		,		,	,			
		,			-	. ,		
		,				,		
						,		,
,					, -			
		• ,						
		, ,						
		,		,				
	,	•						
	,					•		
		•						
7 6	)							
7 8	,							
5		2021, 8						7
					,		8	
			,		•			
	0			•				
	8	7.,						-19
		<i>'</i> . ,			,			
			•					,
	8	, -			,			
	,							
		, ,						
	7	,	. ,			,		
		,					•	
					,			
			,	- ,		,		
		•	-					
	,			•				
					,			

8 : . 50.000 25.000 8

2021 8 3 4 8  $\begin{array}{cc} 1 \\ 27 & 31 \end{array}$ 2022, " 2021. 2021

```
10
                          ", 1
                                   2022)
            4
٠, ,,
                   50.000
                                                       10.000
           5.000
  21 ,
 ,
10
"
           13
                                   10.000
   12.
                      50.000
                                             10.000
```

```
2022,
                                           10
                                                           10
                                10
                                          20 30
1
              \begin{array}{ccc} & & & 1948. \\ 123.138 & ^2. & & 80\% \\ 1000 & 1200 & & & \end{array}
                                                                 223.936^{-2},
                                                                    8~12^{\circ} .
                                                   2280 2780 .
                         3.160.300.
25.287.000,
                           9 3
, , , , , , . . .
```

```
8
                                   7
                  -19.
       8
                                     12
                                                    200
                      2270
                                               2016,
                                        2
                               ,
2016,
. 6
                       30
                                                        2321,
                                             2017,
   2371,
                                            ,
2375,
                   2017,
          12
                                             , 97
                                                 850
394
```

, 170	100	, 100	900	,	300	,
,	, , ,	.,		, "	".	,
,	, ,	, ,	,	, , ,	, , , , , , , , , , , , , , , , , , ,	;
	, , .	70 .	,	,	,	,
2					96	)
2014,	-	,	,	8	. 28	,
-	- , -		,	. 8 ,	-	
	,					,
, <b>3</b>	,	·		- , -	,	
8				-	·	-

, 10 2015, 70 4

5

,

```
20 30
                                 1946,
              27 30
                       1948,
              23 29
                       1956,
              11 18
                      1961,
              2 13
                      1970,
                    1980,
              10 14
                                               1980
                      2016,
               6 9
                                         36
               5 12 2021,
                   3 6
                       1958,
5 12
        1966,
                    28
                          2010,
                    11
                          2012,
6
                                                 !"
     100
                         2012,
    70
```

```
1949 1950,
                                  . , 1951,
           1954,
                                        (1957-1961)
        1961, 4
                         1
          2
                    (1978-1984),
           90
  80,
                             2016,
                                          7
10
                           1.369,37
                                                           80\%
                                               400
    200
```

```
80%
                                    65\%
                                          80
                                           ),
      80\%
                     (1970),
1990)
- ( ),
                    2000).
```

	. ,		,		
,	•	,	,		
90,	,				
21,	,	,		, 7	
, - 11	·				
		,			
		,		,	
,	•	,	,		
• ,	,	,	,		
	,	,	,		•
	,		·		
,		,	. ,	,	
,		,	. ,	,	
•	,	,	1974,	,	٠
,		,	·	,	
,	,	,		"	
$^{\circ}47.6\%$	$101,\!4\%$		2018 99,9%."	. , "	

	." "		104,9%	
, ," " " 36 4%	,	107,4%	, , , ,	
" 36,4% " 15,8%		."	,	,
12	<b>,</b>	,	,	,
- , , - ,	· ·	,		
, , . ,	,	,		, , ,
	,	,	. , ,	, ,
. , ,	,	,	,	
	,	, , ,		. ,
-	8		, "	,

	7						,		•
	,	,		,	,		,	,	,
		,							
								,	
	,					,			
	,					,			
						,			
					".			"	".
			,		•			,	•
,	,		,	,				,	
14									
					-				
			,	, "					
	".								
	_			,		,			,
				,			,		,
	,		80		90,				
	-			,	,				
		,		-					
	•					,			
		•							
	,		,				,		
			,		,			,	
	44	".			"				
".									
•	,			,					
	,							_	

 $2017. \quad 21 \qquad \quad 2018, \quad 3 \qquad \quad 7$ 

```
15
"
                    90,
                               42
16 "
                            90
80
                                        90,
                                                         1994.
 , 1994, 1995
              1996,
```

```
1
        1996,
        , 1997 1998
17
          70
                 , 200
                            , 80
            70
                  , 200
          70
                                 7
                                                                  23
                                                                             2
    2016.
                                                            70
       144\%
                                             1,6
                  1.640
                                              70
                                                                            560
                                            70
                                 70 850,
230 50, ."
                                70
            70,
                                            200 ,
                                                            1
                                                                    15
                                            200
                                      11.900 ,
               200
                                                    119\%
                                           200
                                                                        200
                                                          \begin{array}{c} 200 \\ & , 136,3\% \\ 70 & , 119,8\% \\ 200 & . \end{array}
               117\%
         118,4\%
```

,	, 154,7%				$215,\!2\%.$	15,2%. ,	
			151%,		120,5%,		
		. ,		120%,		104%.	
				106,8%	0		
	169%.	,			121%,		
	90	142,7%, $12$	2020		$126,\!6\%$ "		
	80 , 8	12	2020	,			
9		•	,		,	-19	
0	,	,	•	,		7	
		,					
	" "	13		,			
"	80					,	
		."					
	80	,				,	
	20	,		•	,	."	
		•		,		•	
18	"	,,					
10							
				3			
	28	2015 "	, ,	,	,,,		
	,	•	, ,		,,	•	
				,			
	•						
		, _	,				
		,	,				
	,					,	
		. ,					
	-			,			
					•		
	_	_	. "	"			
	_	_					
	•						
19							

. . ,

**2**0 ". 2010.

2011, 60 ,

```
1960,
                                             5
                                                       1960
,
20
                              1965.
85
                    10
                         !"
                             400
                                         1961
                                                    1960.
```

```
1946,
                                                  1951,
                            1996.
                                   2016,
     1964 "
  19
         2015,
10
                            29
                                    2021,
                                            3
```

```
30
24
             1
                  1946,
              7
                       60
                                1.500
                                             42
28
             570
            3.500
                                      , 39
 700
                      6.000
                            4.000
             4 	 6 	 ,
                            3,
  3
  8
         1974,
                                      1
                                            2013,
              1, 2, 3 \quad 4,
                                     1947,
        1948,
                                     2010
                                 1960
                                             1964.
1.400
                            100
                                          900
                       27
                                    1.900
                                            1
                46.000^{-2}
1965,
                                              1970,
           11.900^{-2}, 1.200
                                 2
                                              10
                       2
                              1972,
                                              52.000
^{2} 22
                                       15
                                              1976,
                              \frac{2.000^{-2}}{3} ,
    30
                21
                                             100.000
                120
```

```
19
                       2009,
25.000^{-2}
                        8.300^{-2}, 760 .
                                             300
                2013,
                                  67,
                                              2017,
                 1.700
         ,
3,
                                           16 6
                                    15,
                4,
   2016, 70
                          20 ,
      20
                       2.000^{2}
      1.500^{2}
    - -1,
```

	6 .	
2	. 6	
•		
•	, ,	
•	, ,	
•	,	
•	,	
27		. , ,
, 1		
•	, ,	
•	, , ,	

•

```
2
               50
50
                                              1
   3
```

```
28
1
                                      (1992.10.5.)
                                  (1984.9.8.)
                                   (1992.10.5.)
                                      (1992.10.5.)
                                                 (2016.1.25.)
                                                 (2016.10.25.)
                                    (1993.10.27.)
                                          (1993.11.24.)
                                                        (1993.1.31.)
                                                (2000.4.19.)
                                   (1993.1.31.)
                                    (1999.3.13.
                                (1999.5.8.)
                                     (1999.12.4.
                                           (1993.1.31.)
                                               (2011.12.3.)
                                        (2002.11.20.)
                                        (2002.11.23.)
                                         (2013.5.29.)
                                         (1995.2.22)
                                        (1999.7.21.)
                                          (2001.8.24.
                                               (2004.11.17.)
```

```
15
               50\% 2.
10
                   1 .
10
                   10
          10
               10 , 50%
                                         14\%.
        20\%.
         50%.
                                        5 \quad 10 .
                                      25 ,
  10
                       4 5
                 10
```

1		
2	,	,
		,
3		
3 4		,
5	,	,
		, -
6 7		
7		
8		

```
7
       (5)
                         ) (28
(1)
                                 1991)
                        ) (3
(2)
                                  2011)
(3)
                          ) (31
                                  2011)
                                2013)
                        ) (21
(4)
(5)
                        ) (11
                                 2014)
             (4)
(1)
                           ) (23 2014)
                         ) (23
(2)
                                 2014)
(3)
                 ( ) (23
                           2014)
                           ) (22
                                 2015)
(4)
)
             (20)
(1)
                        ) (21
                                 2013)
                       ) (21
                                 2013)
(2)
(3)
                        ) (21
                                 2013)
```

```
(4)
                            ) (21 2013)
(5)
                         ) (21 2013)
                            ) (21
                                      2013)
(6)
                           ) (21
                                     2013)
(7)
(8)
                            ) (21
                                     2013)
(9)
                            ) (21
                                     2013)
                            ) (21 2013)
(10)
                            ) (8
(11)
                                     2015)
(12)
                            ) (20
                                     2020)
                            (29
                                     2021)
(13)
                         ) (21
                                   2013)
(14)
(15)
                    ) (21)
                             2013)
(16)
                            ) (23 2014)
                           ) (23 2014)
(17)
                            ) (21 2013)
(18)
                             ) (23 2014)
(19)
                            2019)
                      ) (21
(20)
```

1990

	2012	2013	2014	2015	2016	2017	2018	2019	2020
	59.32	65.5	63.6	54.3	52.9	50.6	25.8	28	5.6
(									
)									

2018 2020. -19 2020 2021

```
17
                                                                   2021
30
                                                                   )
1945.
1945.
             1946,
              38,
                                                         1947,
                                                               38.
                                        1948,
                          15
                                                            38,
                                                                   1948,
                                                    38
38.
                      2600
                                                                1949,
                               25
                                       1950.
    70
```

```
2007,
         2008,
          , 3000".
            3000
                        10
                                               1999
                                                         2002.
14
        2009,
                                 3 4
                                                  10
                                                          2009,
    26
                   2009,
          1
                   2007
2009.
2012,
                        2009.
                                                        1,82
                                  2008
          1,2\%,
                                     186
                                                    17,3%
    25
           2010,
            27,
    10
            2010,
```

```
23
         2010, 1430 (1334, ),
   30
          2011,
   26
           2012,
                                            2000,
   13 15
             2000,
                     55
                 2000, 180
   2005,
   2
          2007,
          2007,
   14
                              69
                                            15
                             15
             70
 18
15
-
                17
 17
  4
          2014,
    952
                2014,
          4
                          22
```

```
27
        2018,
               930
     27
           2018,
                                     38)
                                     1953,
          1998.
        2018,
 30
                  135
  9
                            (30)
                                                 5
 30
       2018,
                              1
        "
 26
       2018,
                                              20 26
              100
27
      2018,
              65
                                      9
      ,
10
              31
31
      2018,
4
      2018,
       88
                         93
11
       2018,
        13.
22
       2018,
       "
                 2018"
19
       2018,
```

(1350),

16

2020, 1450,

```
1, "
          7
                           " ( -, 2016.)
   2, "
                                           2013" ( -, 2013.)
  3, "
                                         ) ( , 2014.)
  4, "
                                            , 2018.)
  5, "
                                            , 2018.)
  6, "
                           - , 2018.)
   7, "
                             , 2014.)
                           " ( , 2018.)
  8, "
  9, "
                          , 2017.)
          2016
  10, "
                         , 2010.)
   11, "
                       , 2016.)
                          " ( , 2002.)
" ( , 2017.)
  12, "
   13, "
                           , 2016.)
   14, "
   15, "
                            , 2018.)
                                   , 2018.)
   16, "
   17, "
                                                     - " (
   , 2017.)
   18, "
           " (2012-2019)
            " ( ) (2006-2019)
   19, "
   20, "
             " (2013-2019)
   21, "
                                        , 12
                                                  108 (2019).
             14
   22, "
                                ", 18
                                       2018
   23, "
                                       8
   24, "
             2
                                         ", -,8 2021
                      8
   25, "
```

```
2019
```

```
***
[1]
                           , 18
                                    2018
       [2]
  [3]
      , 3 2011 ,
        , 10 2011
  [4]
  [5]
                           , 2018,
                                      28
              2016,
                          , 2017, 68
  [6]
  [7]
                                           2013, 31
       ,
2013
  [8]
  , 1, 2015
  [9] -
        1960.
   ,
  [10] "
                                    8
  ", 13
            2021.
  [11]
                                      100
                                                2019
8250
                   80
[12] "
                                                     ,
21 2019.
[13] "
                                      ),
2014.
[14] "
                                            , 2012 ( ),
  24.
                         , 2016.
 [15]
                         , 2016.
 [16]
                         , 2016.
 [17]
 [18] "
                                   17
```

, 24 2018.

 $34, \qquad ,$ 

```
[19] "
21
         2011.
   [20] "
                            14
   [21] "
                            14
   [22]
                                                            2018. "
            3
                                                 , 20
               282.
   [23]
                                                            , 2017,
192. 27
                             , 2018,
                                       23.
   [24]
                                                  2016,
                                        , 13
   [25]
                                           , 19
                                                  2015, .
   [26]
            , 21
                      2018.
   [27]
            , 21
                      2018.
                                                 93.
   [28]
   [29]
             8
                                                  , 13
                                                               2021.
                                         8.
   [30]
                                   1,
                                              , 12
   [31]
             8
                                                        2021.
                                              , 12
   [32]
             8
                                                        2021.
                                              , 12
                                                        2021.
             8
   [33]
   [34]
             8
                                              , 12
                                                        2021.
   [35]
                                                               , 24
    2021.
   [36]
               , , 57
                                  2021.
                                              2018.
   [37]
                                   , 18
                   7
                                              , , 7
   [38]
                                                            2017.
                       2019.
   [39]
            , 12
   [40]
                                            , 2018, 90.
                                            , 2018, 94.
   [41]
   [42]
                                           , , , 5 "
                                                             2021.
   [43]
              29
20
```

\*\*\*