

Countries who responded to the Tariff Policies Survey in 2009

Country	Region	Income Level	Operators	Administrative Authorities
Algeria	Arab States	Middle		1
Argentina	The Americas	Middle		1
Armenia	CIS	Middle		1
Austria	Europe	High		1
Azerbaijan	CIS	Middle		1
Benin	Africa	Low		1
Bosnia and Herzegovina	Europe	Middle		1
Botswana	Africa	Middle		1
Brazil	The Americas	Middle		1
Bulgaria	Europe	Middle		1
Burkina Faso	Africa	Low		1
Burundi	Africa	Low		1
Colombia	The Americas	Middle		1
Comoros	Arab States	Low		1
Congo (Dem. Rep.)	Africa	Low		1
Costa Rica	The Americas	Middle		1
Côte d'Ivoire	Africa	Low		1
Croatia	Europe	Middle		1
Cuba	The Americas	Middle		1
Czech Republic	Europe	High		1
Djibouti	Arab States	Middle		1
Dominican Rep.	The Americas	Middle		1
Ecuador	The Americas	Middle		1
El Salvador	The Americas	Middle		1
Equatorial Guinea	Africa	High		1
Gambia	Africa	Low		1
Germany	Europe	High		1
Ghana	Africa	Low		1
Guatemala	The Americas	Middle		1
Iceland	Europe	High		1
India	Asia & Pacific	Middle		1
Iraq	Arab States	Middle		1
Ireland	Europe	High		1
Jamaica	The Americas	Middle		1
Japan	Asia & Pacific	High		1
Kenya	Africa	Low		1
Lebanon	Arab States	Middle		1
Lesotho	Africa	Middle		1
Lithuania	Europe	Middle		1
Mali	Africa	Low		1
Malta	Europe	High		1
Mauritius	Africa	Middle		1
Mexico	The Americas	Middle		1
Moldova	CIS	Middle		1
Morocco	Arab States	Middle		1
Mozambique	Africa	Low		1
Nepal	Asia & Pacific	Low		1
Nicaragua	The Americas	Middle		1
Niger	Africa	Low		1
Norway	Europe	High		1
Oman	Arab States	High		1
Panama	The Americas	Middle		1
Paraguay	The Americas	Middle		1
Peru	The Americas	Middle		1
Portugal	Europe	High		1
Qatar	Arab States	High		1
Senegal	Africa	Low		1
Serbia	Europe	Middle		1
Spain	Europe	High		1
St. Vincent and the Grenadines	The Americas	Middle		1
Swaziland	Africa	Middle		1
Switzerland	Europe	High		1
Tanzania	Africa	Low		1
Tonga	Asia & Pacific	Middle		1
Turkey	Europe	Middle		1
Uganda	Africa	Low		1
United Arab Emirates	Arab States	High		1
Uruguay	The Americas	Middle		1
Viet Nam	Asia & Pacific	Low		1
Zambia	Africa	Low		1
Zimbabwe	Africa	Low		1
			0	71
			71	

Region	Income Level			Total
	High	Middle	Low	
Africa	1	4	16	21
The Americas	0	17	0	17
Arab States	3	5	1	9
Asia & Pacific	1	2	2	5
Europe	10	6	0	16
CIS	0	3	0	3
Total	15	37	19	71

Region	Answers			Total
	Only 1 Operator	More than 1 Operator	Autorities	
Africa	0	0	21	21
The Americas	0	0	17	17
Arab States	0	0	9	9
Asia & Pacific	0	0	5	5
Europe	0	0	16	16
CIS	0	0	3	3
Total	0	0	71	71

Tariff Policies Survey - Results for 2009

1. Contact information

1.1. Is this the first time you complete the ITU Questionnaire on Tariff Policies?

The answers to this question are text based.

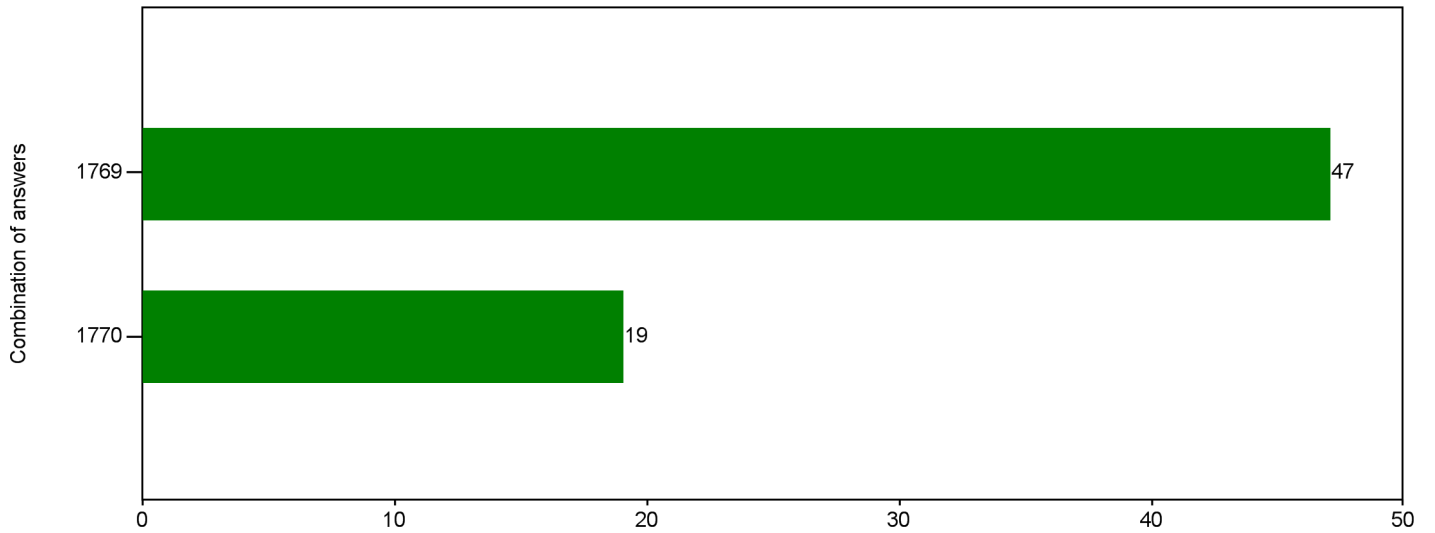
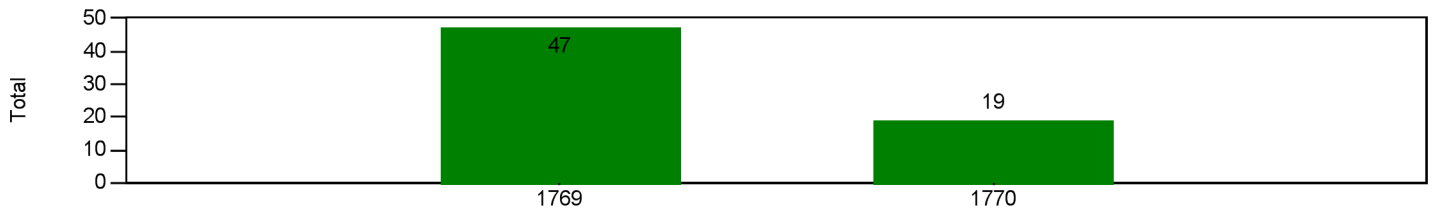
2.1. Retail telecommunication services

2.1.1. Fixed communications:

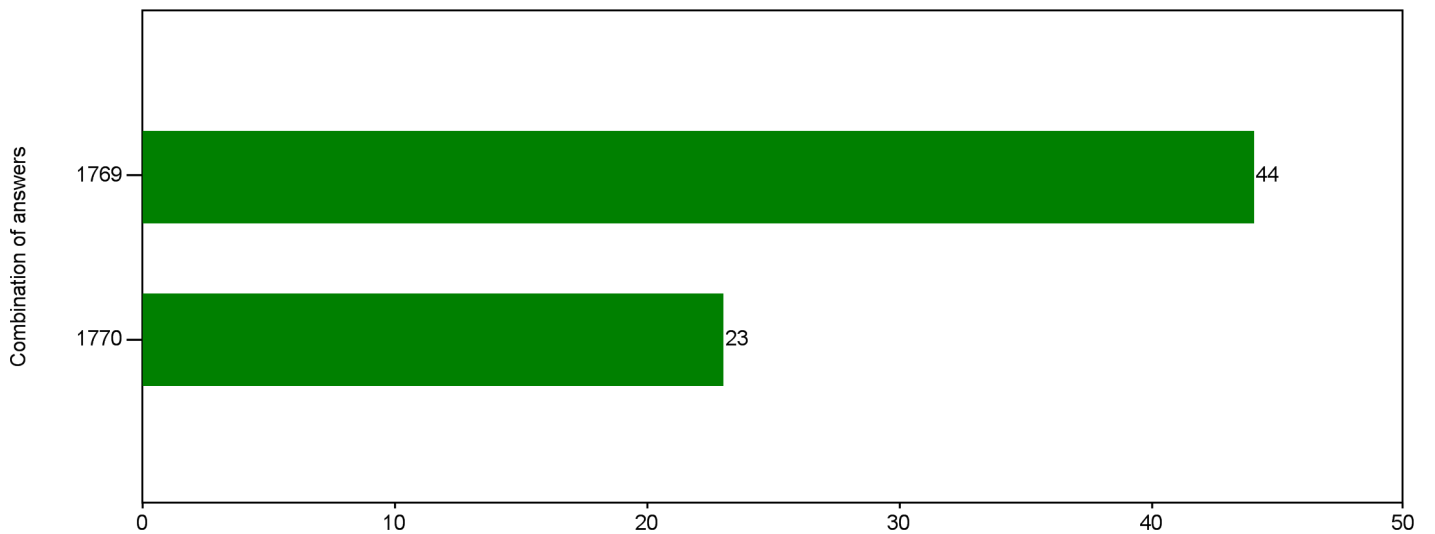
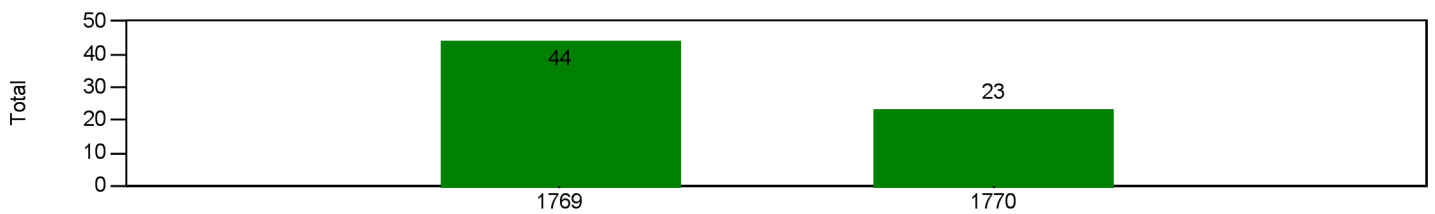
Multiple answers possible:

- 1769 With price control
- 1770 Without price control

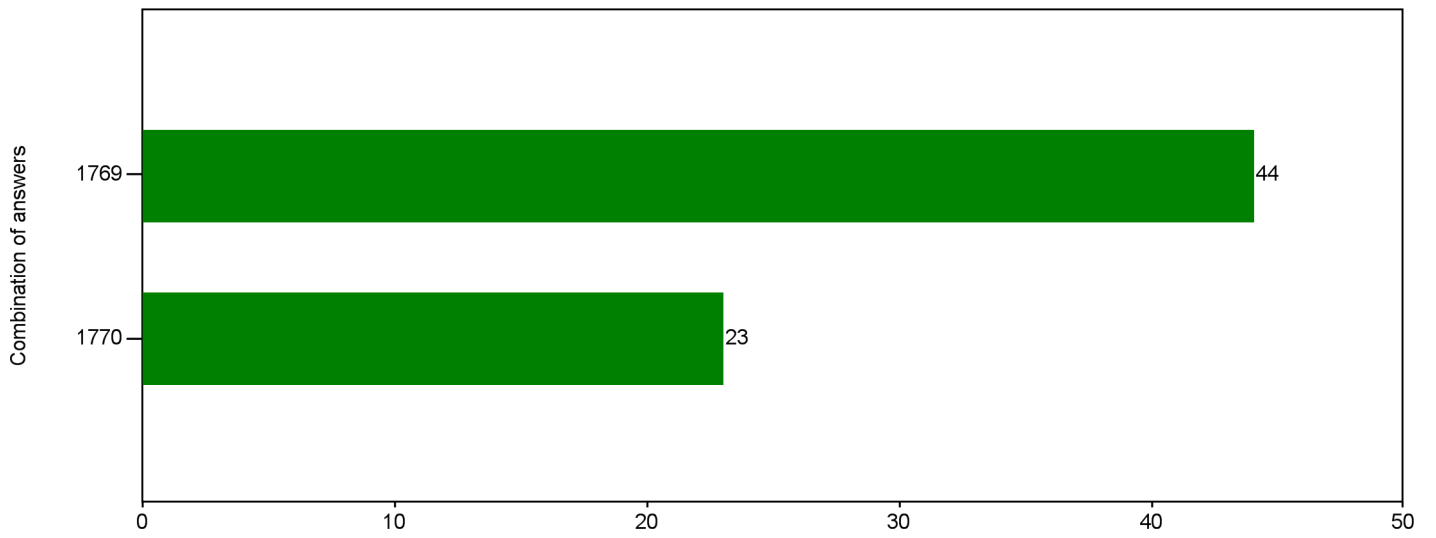
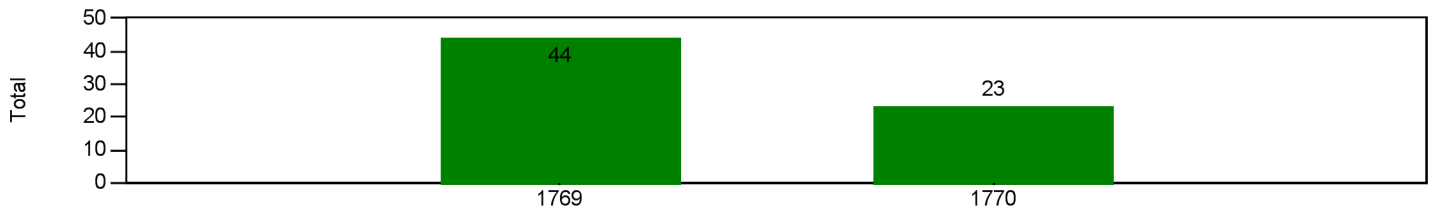
Administration Authorities - Access to network (monthly line rental/subscription fee)



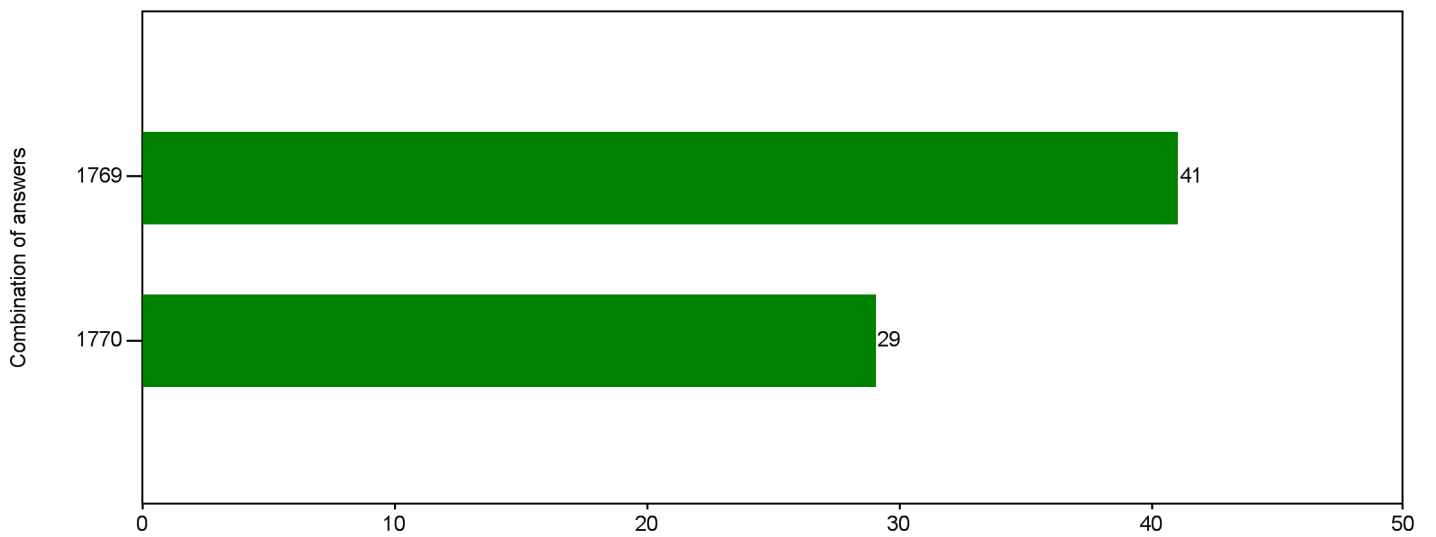
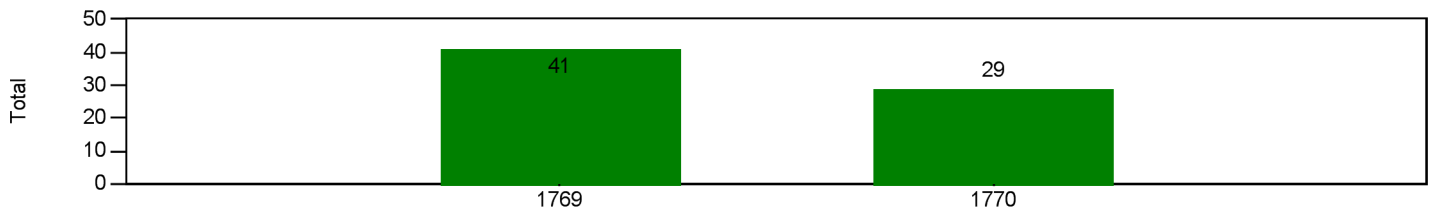
Administration Authorities - Local voice services



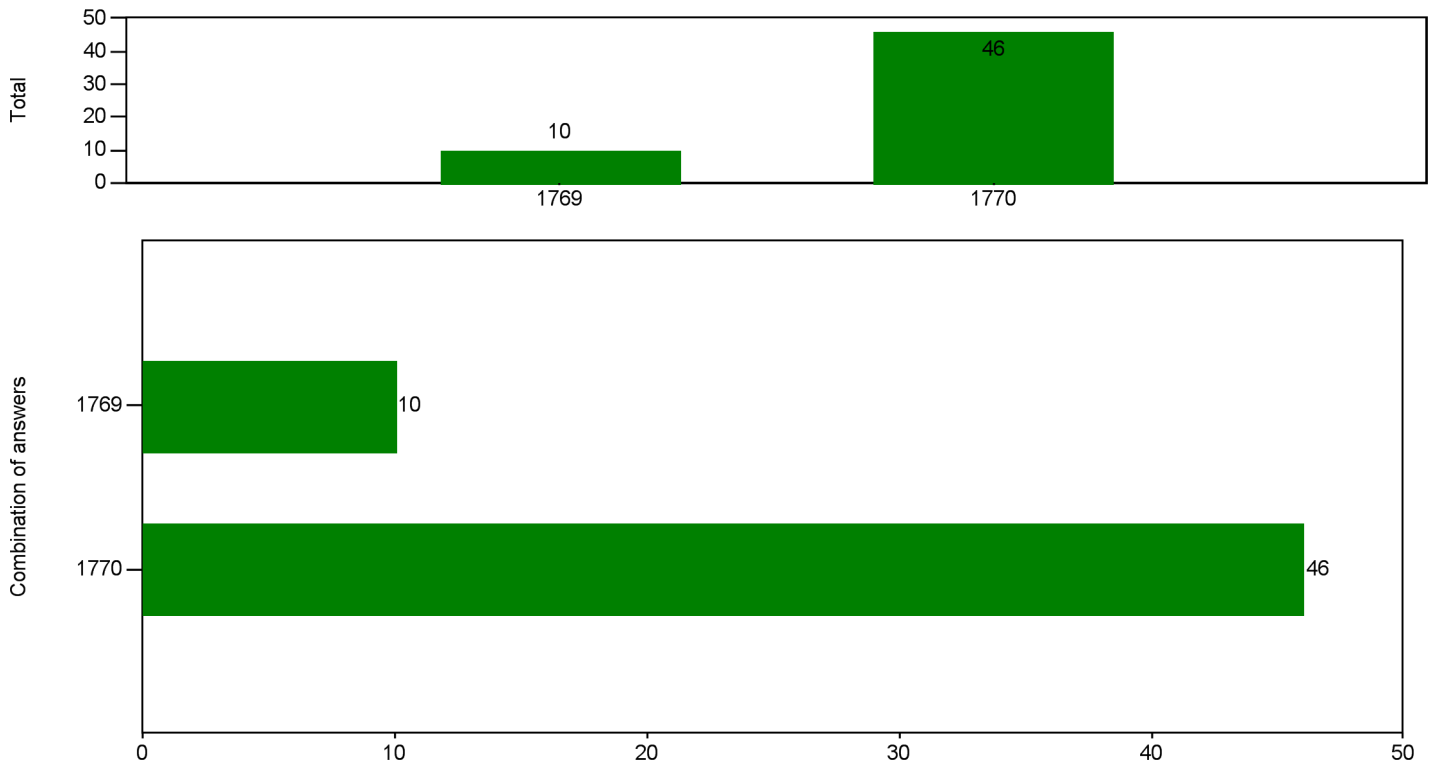
Administration Authorities - National long distance voice services



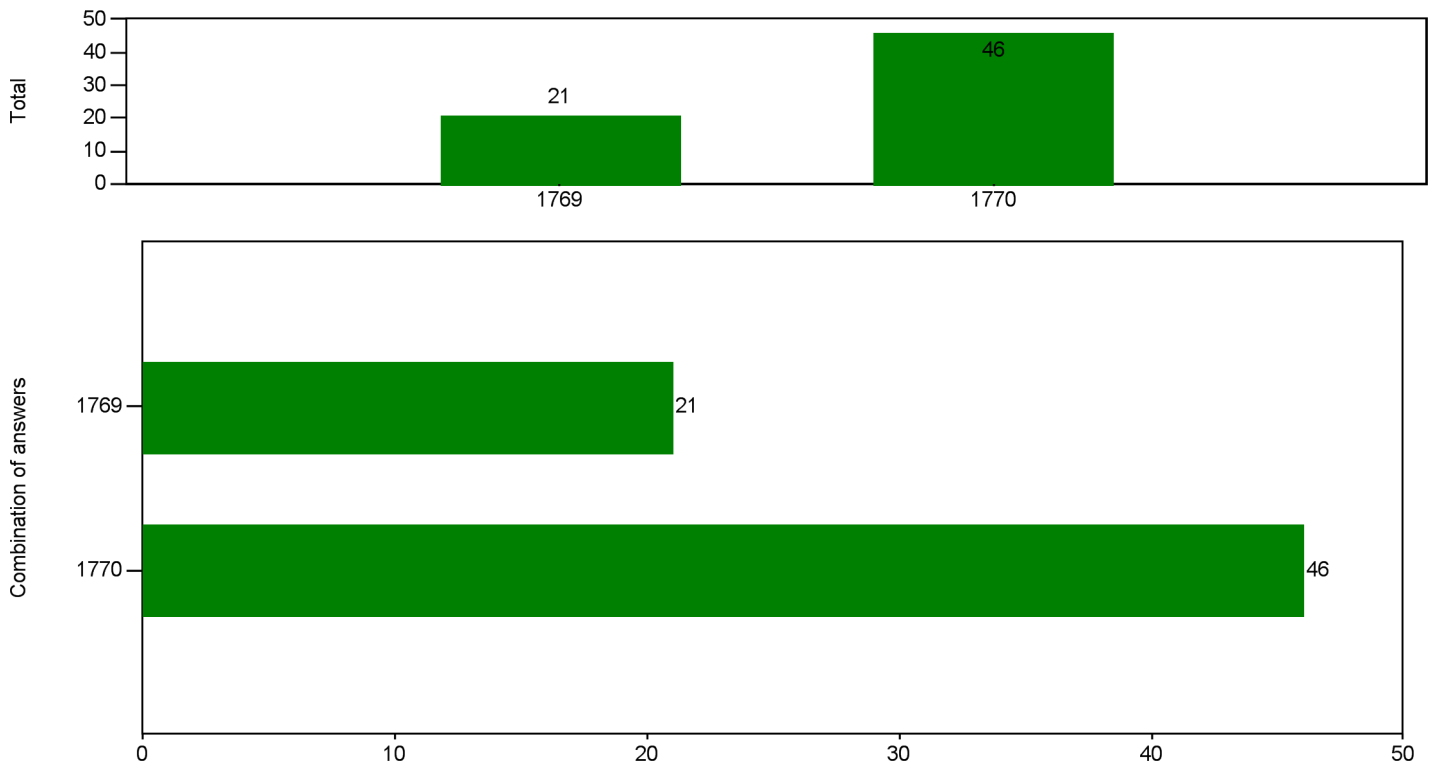
Administration Authorities - International voice services



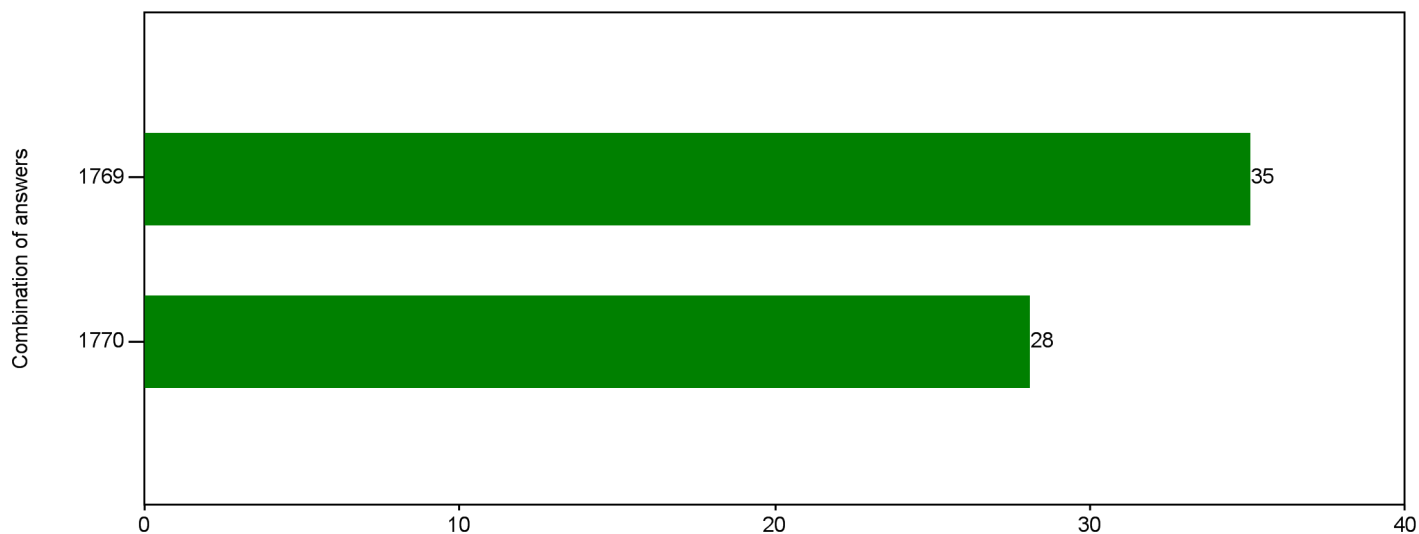
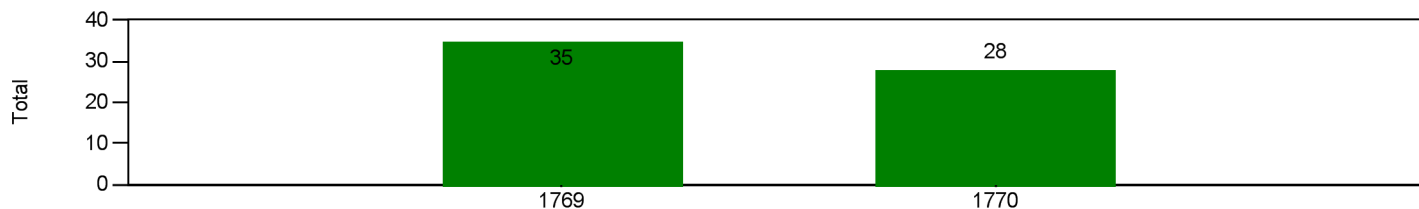
Administration Authorities - IP telephony



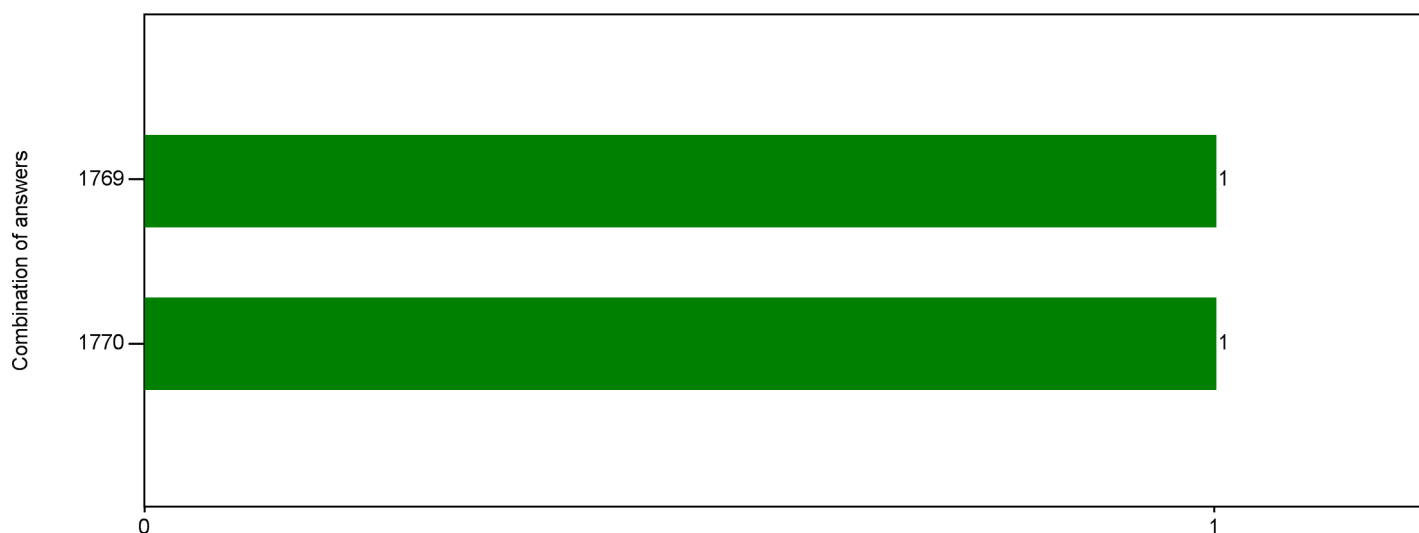
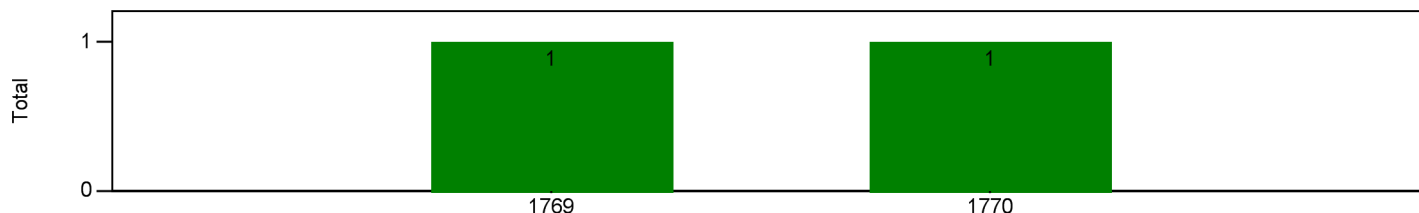
Administration Authorities - Internet access (Internet connection) & data services



Administration Authorities - Provision of links (leased lines)



Administration Authorities - Other



2.1.1.1. Note:

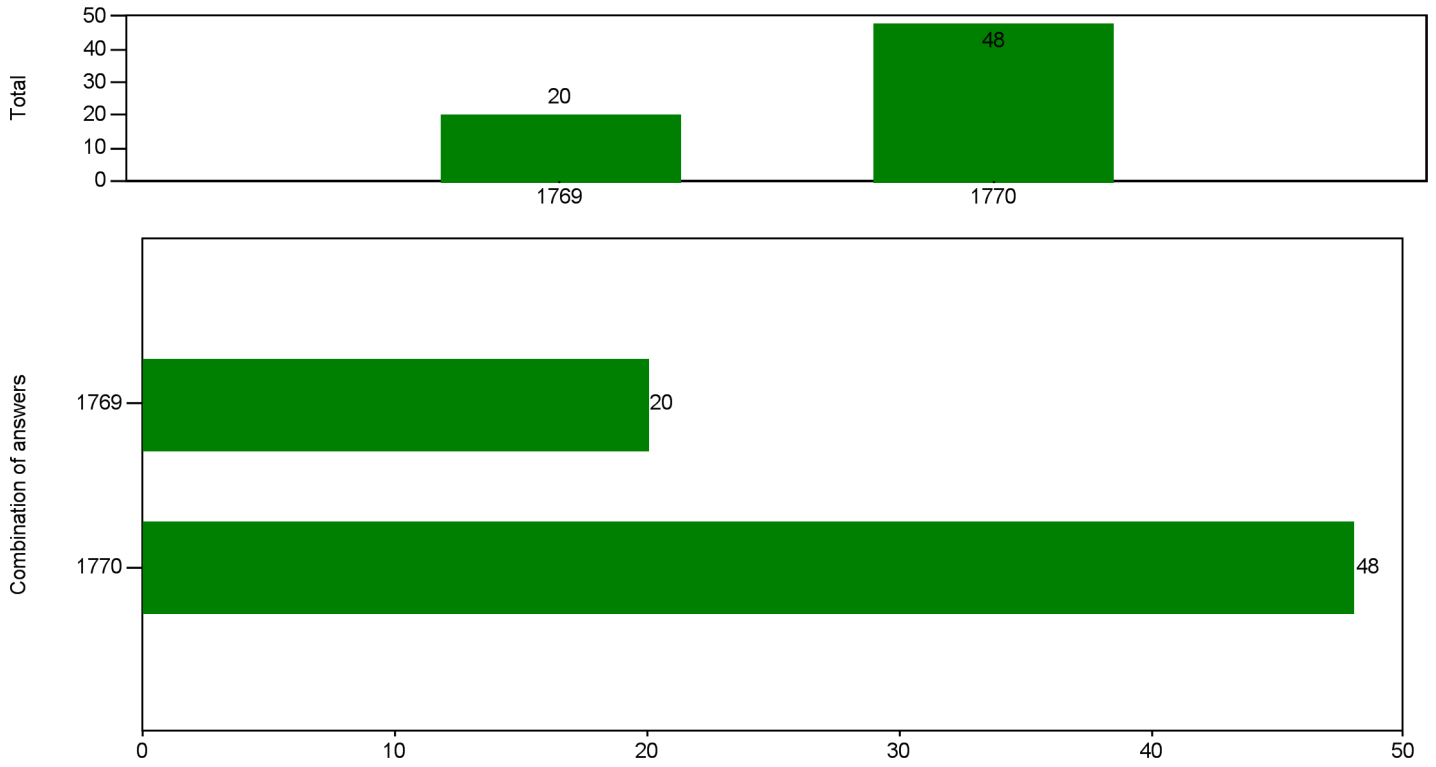
The answers to this question are text based.

2.1.2. Mobile communications

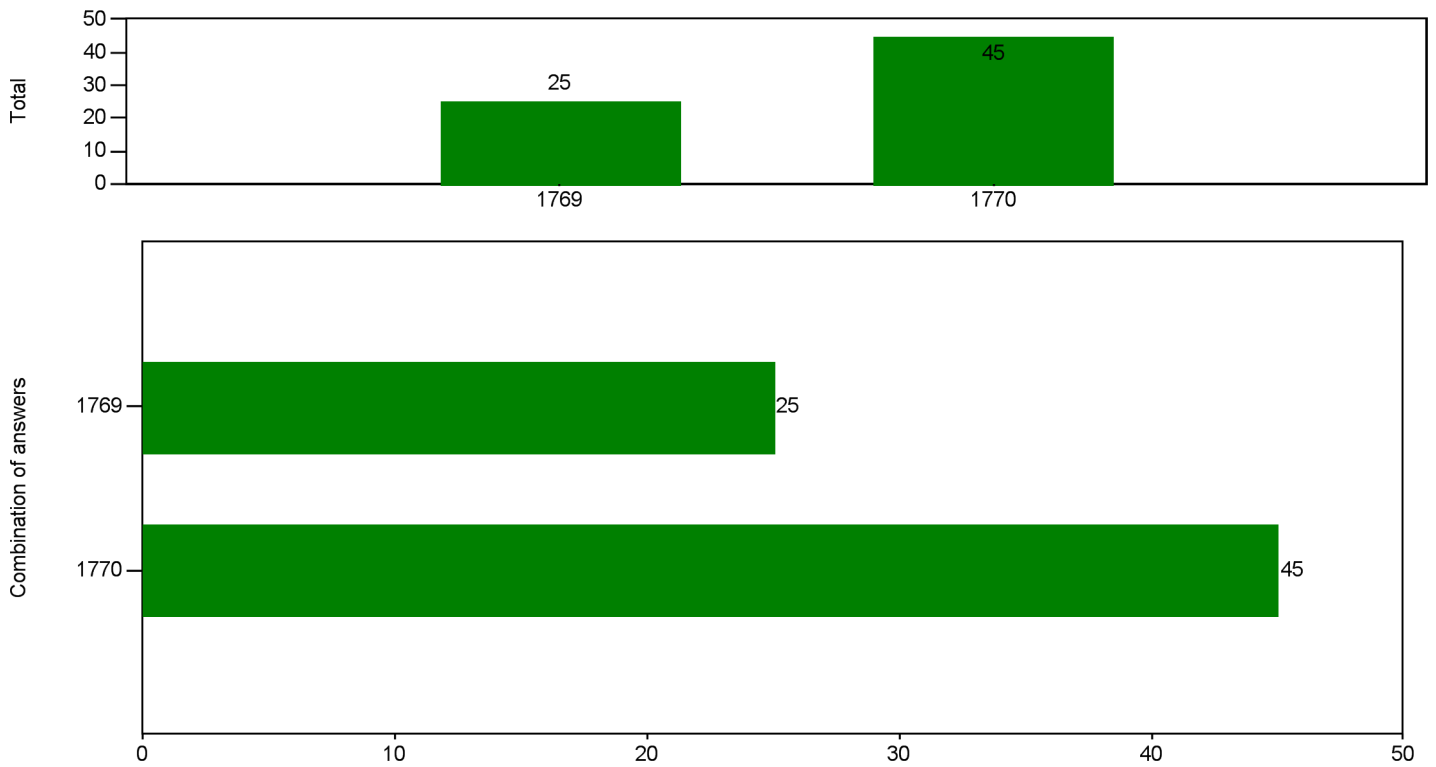
Multiple answers possible:

- 1769 With price control
- 1770 Without price control

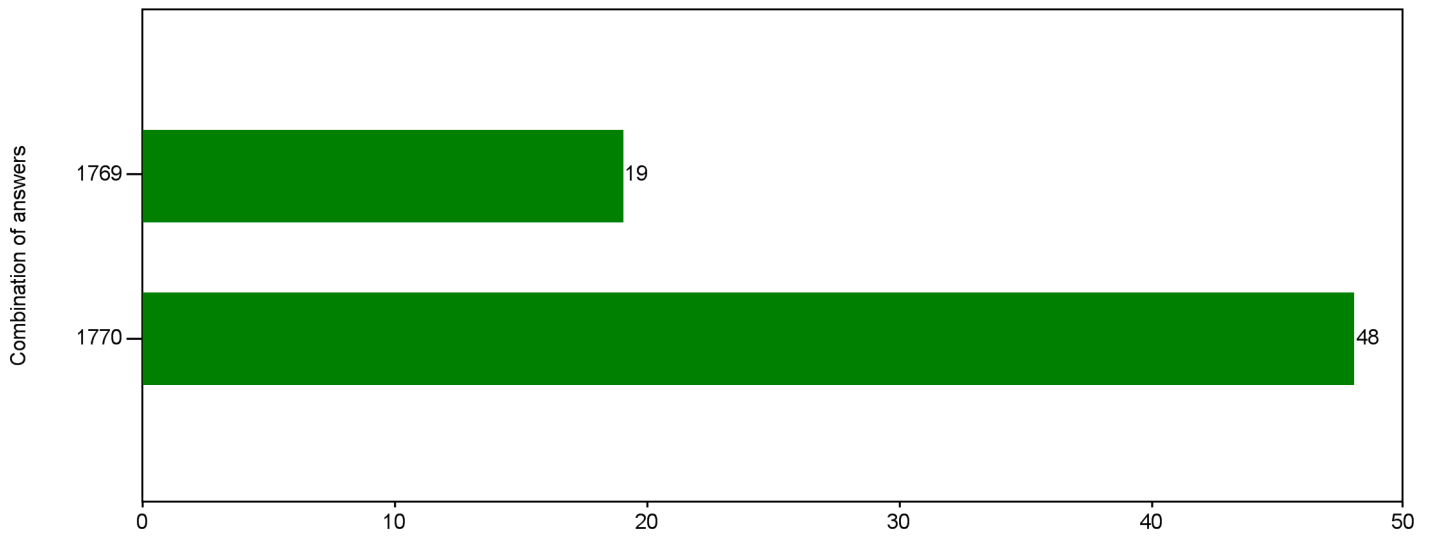
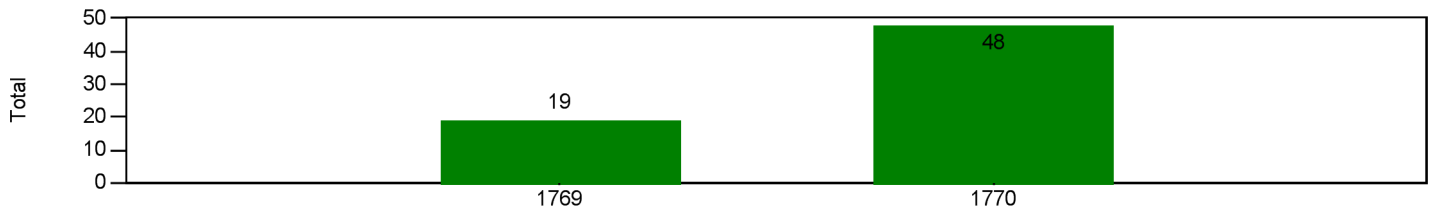
Administration Authorities - Access to network (monthly subscription fee)



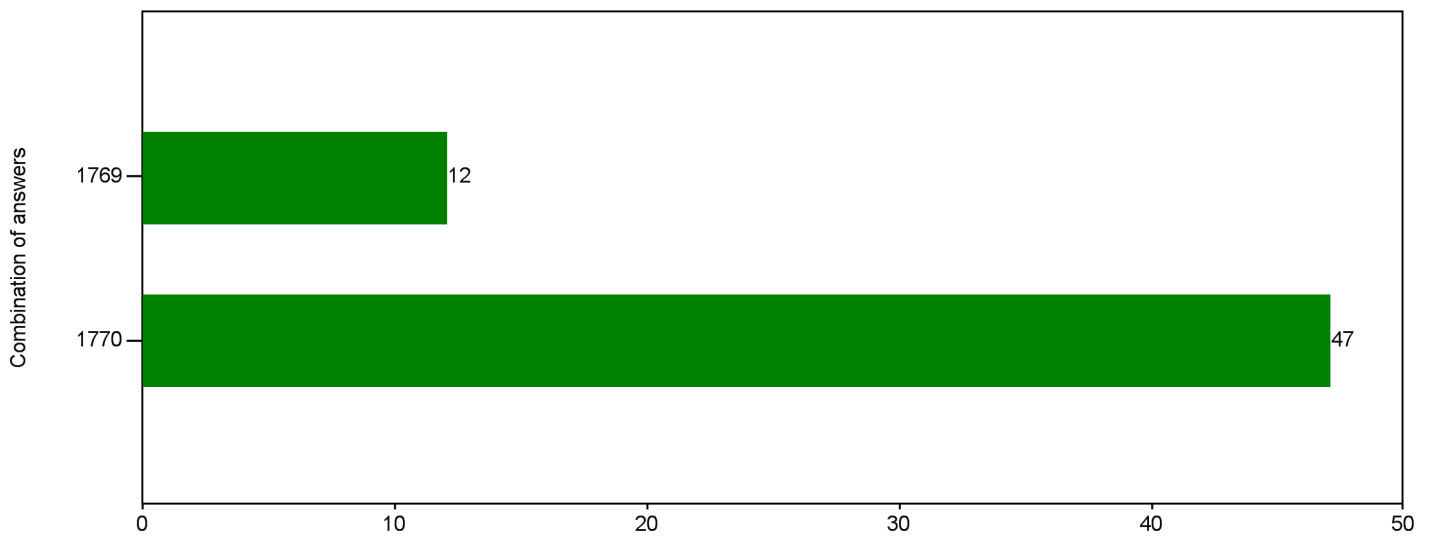
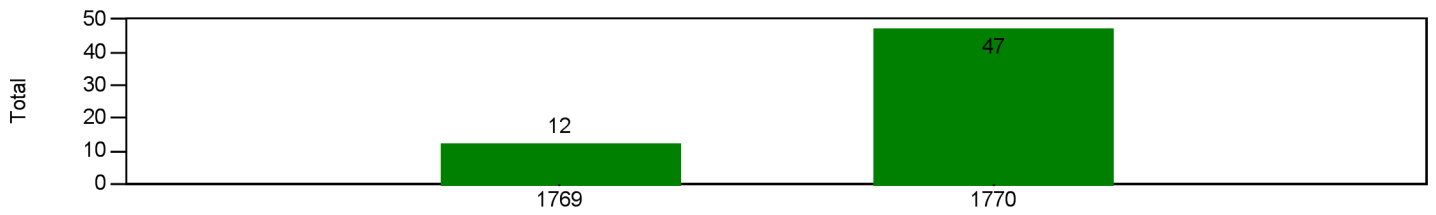
Administration Authorities - Voice services



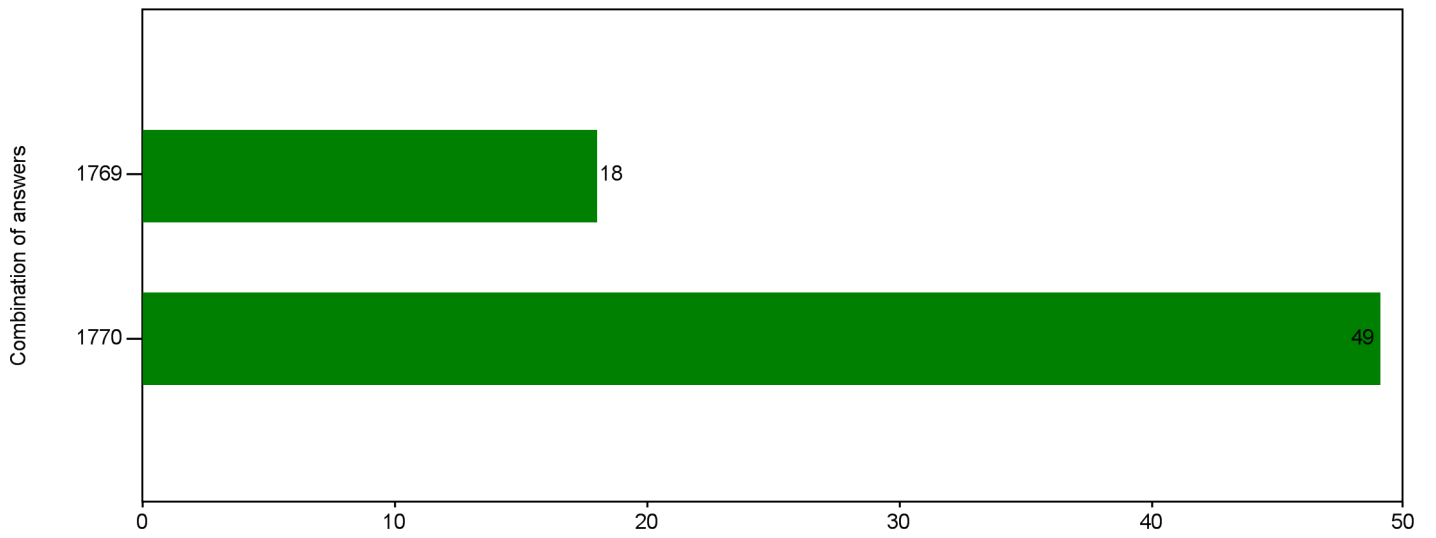
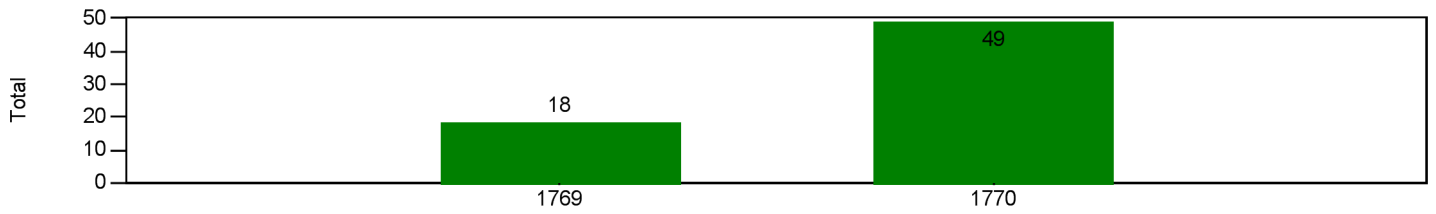
Administration Authorities - SMS



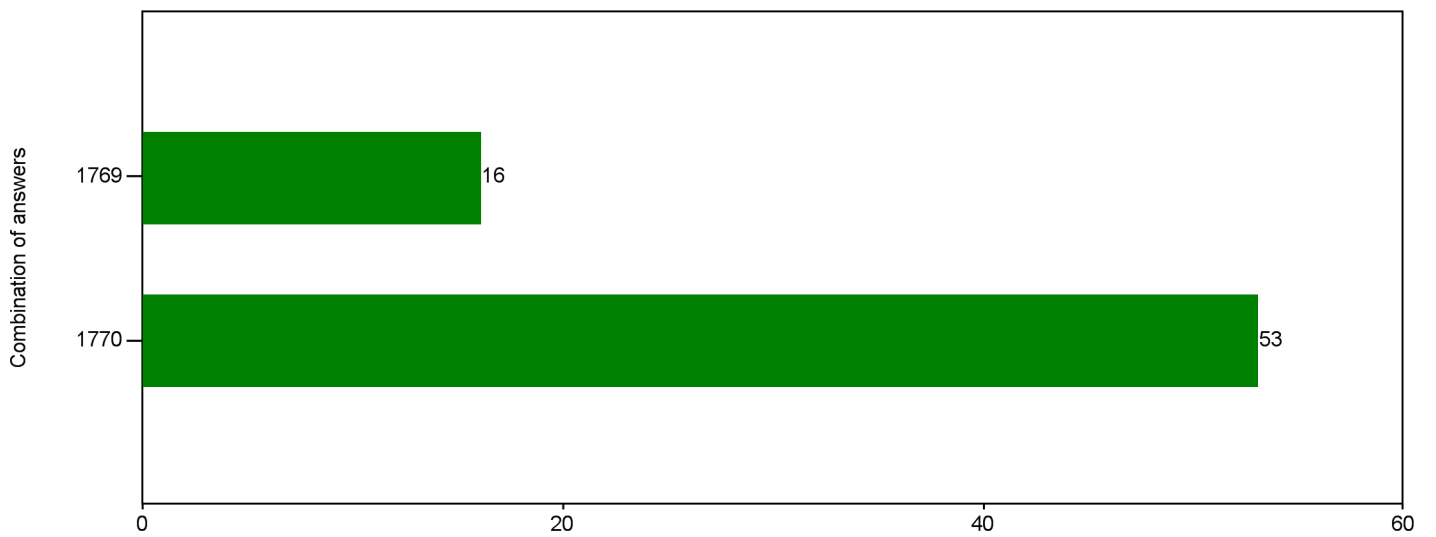
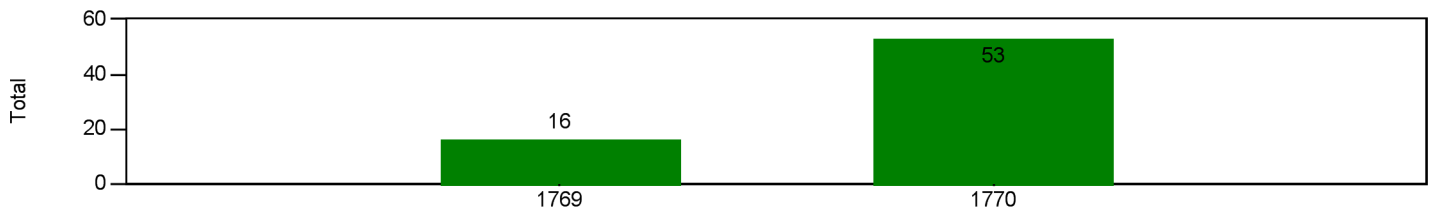
Administration Authorities - National voice roaming



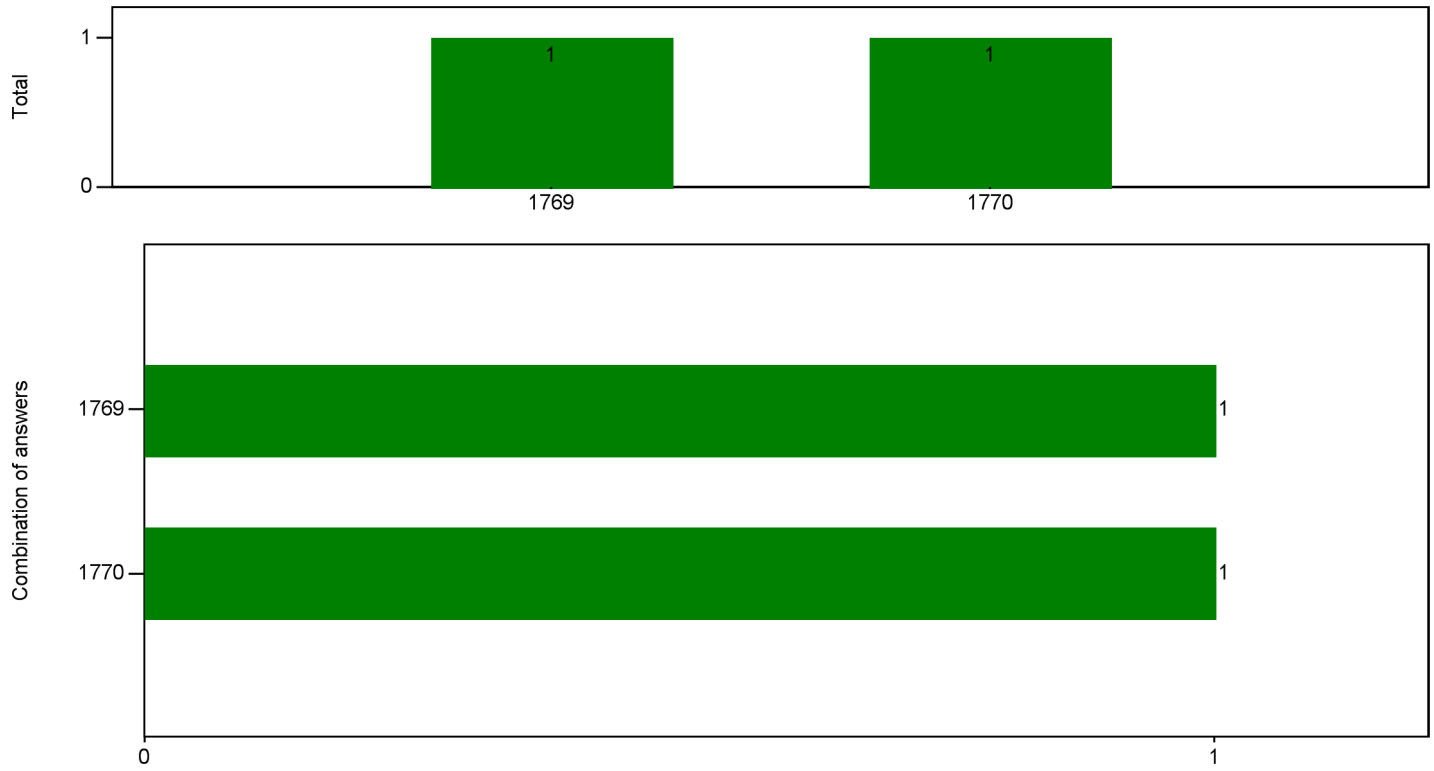
Administration Authorities - International voice roaming



Administration Authorities - Internet access (Internet connection) & data services



Administration Authorities - Other

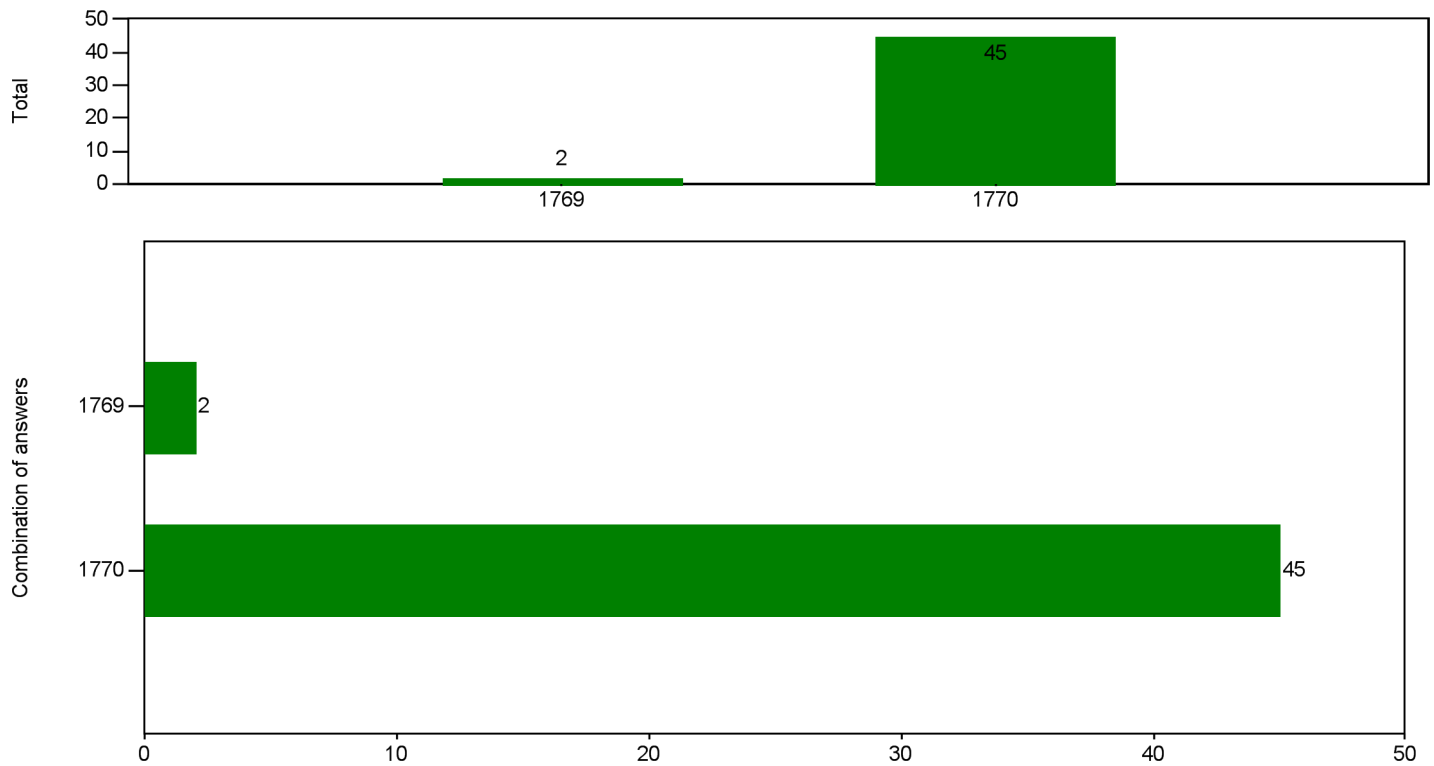


2.1.3. Broadcasting services

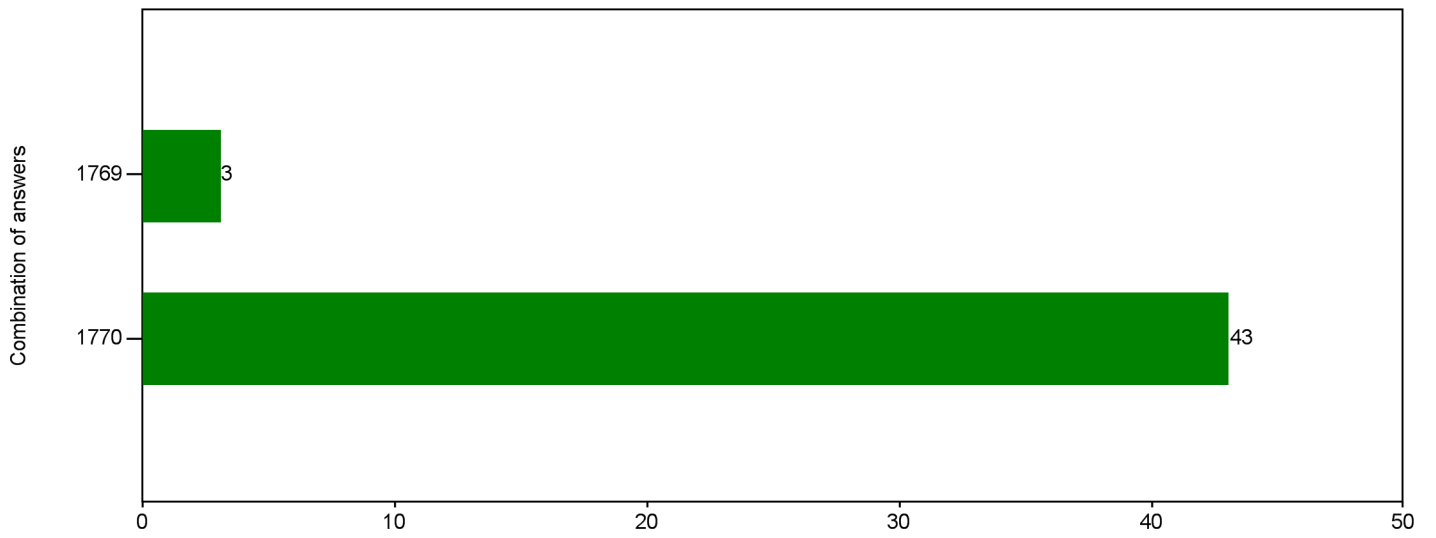
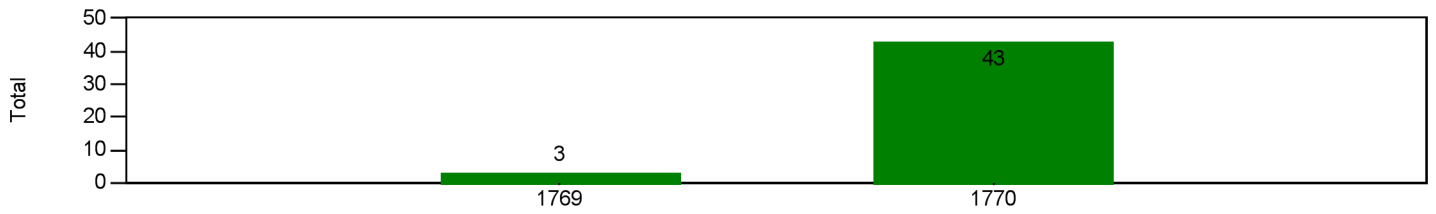
Multiple answers possible:

- 1769 With price control
- 1770 Without price control

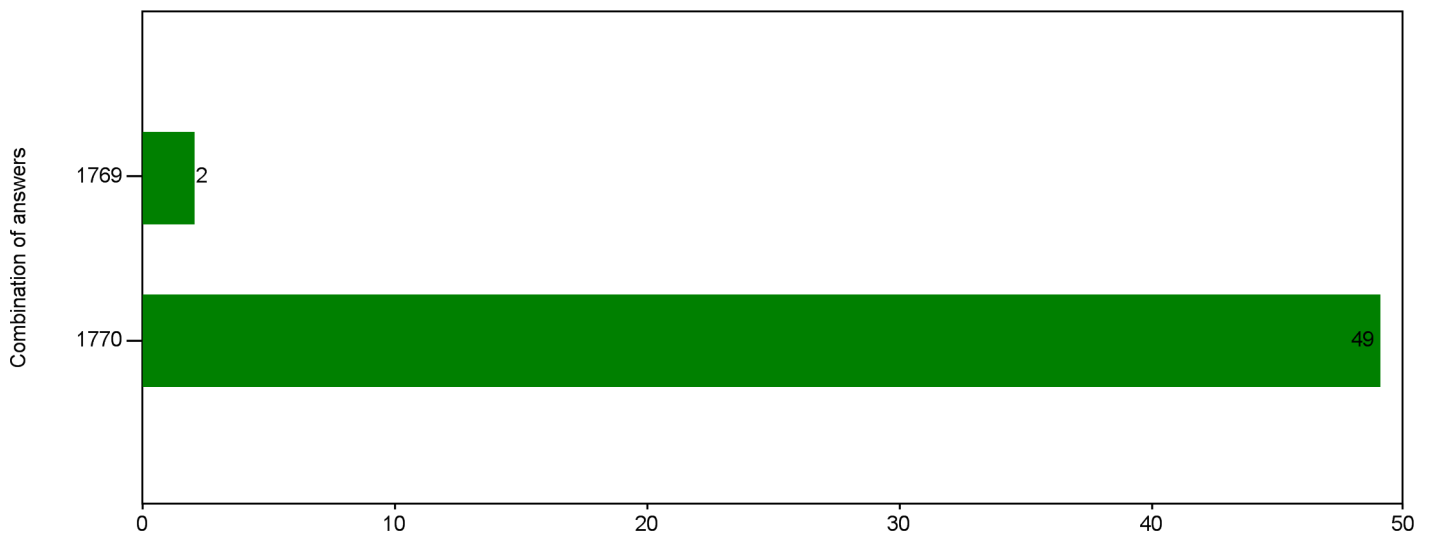
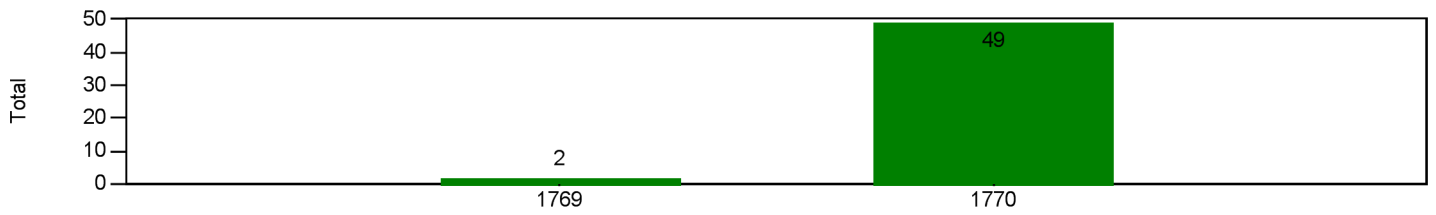
Administration Authorities - IPTV



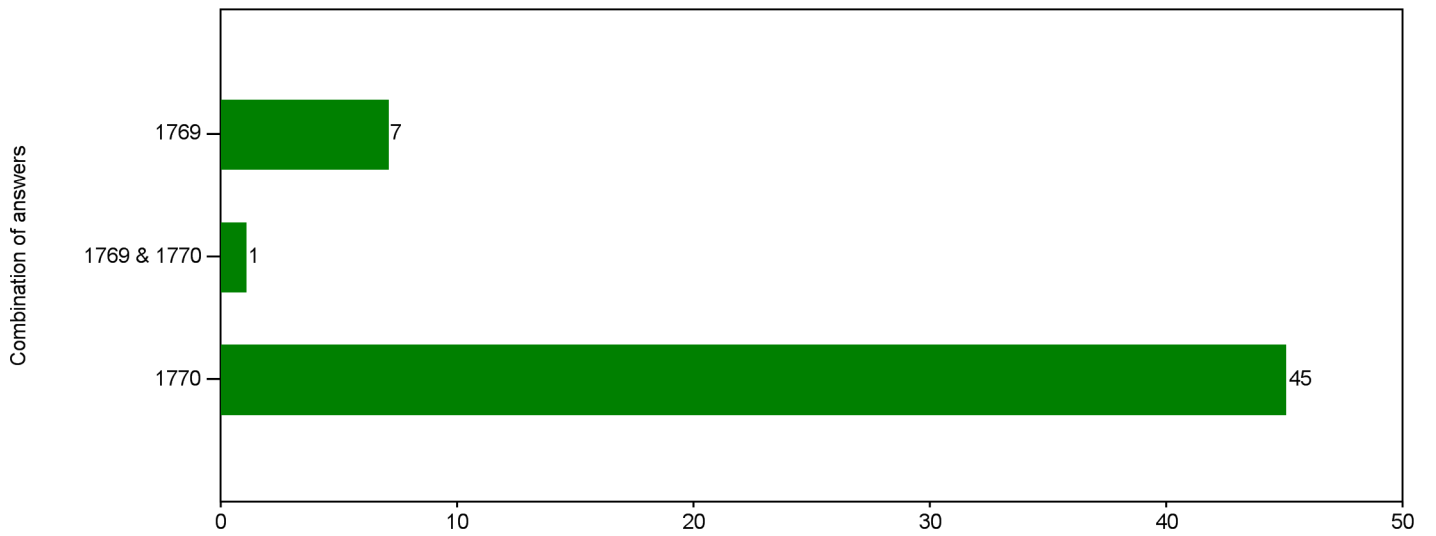
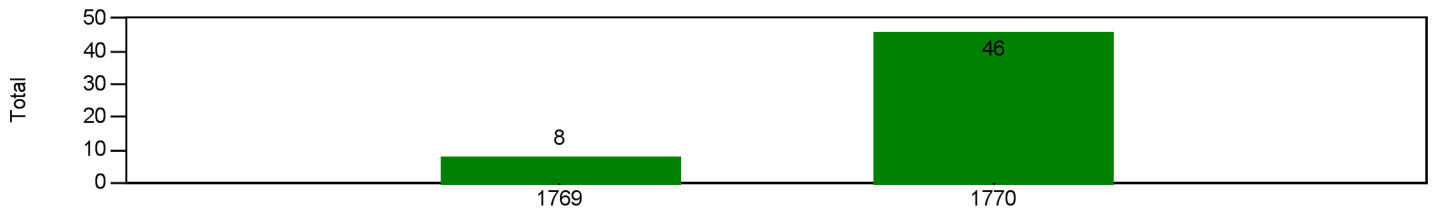
Administration Authorities - Mobile TV



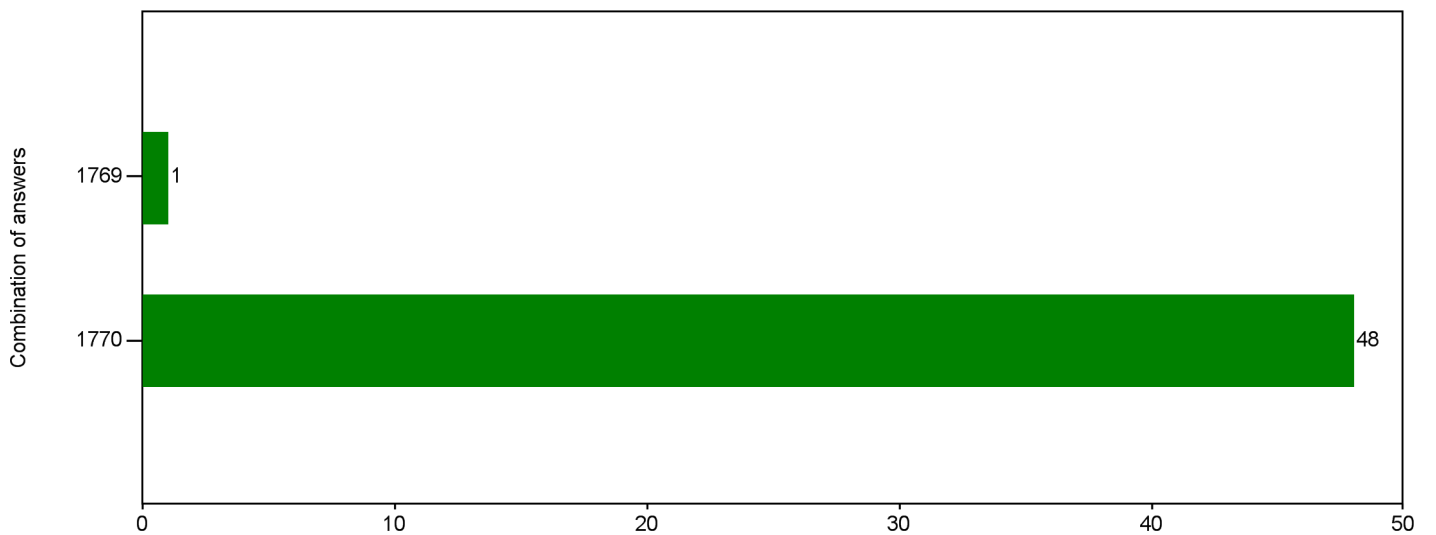
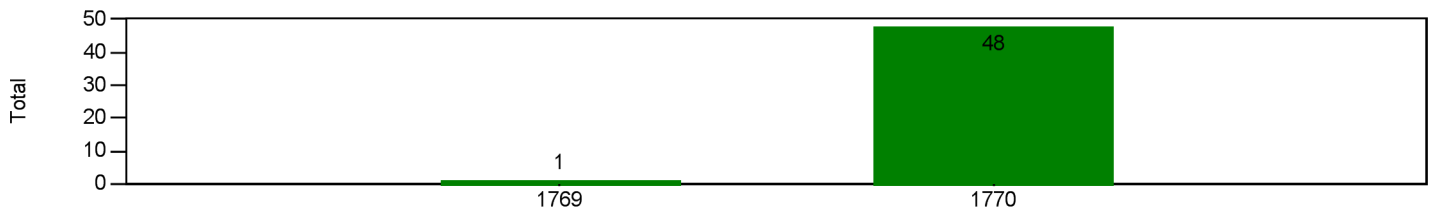
Administration Authorities - Terrestrial TV



Administration Authorities - Cable TV



Administration Authorities - Satellite TV



Administration Authorities - Other



2.1.3.1. Note:

The answers to this question are text based.

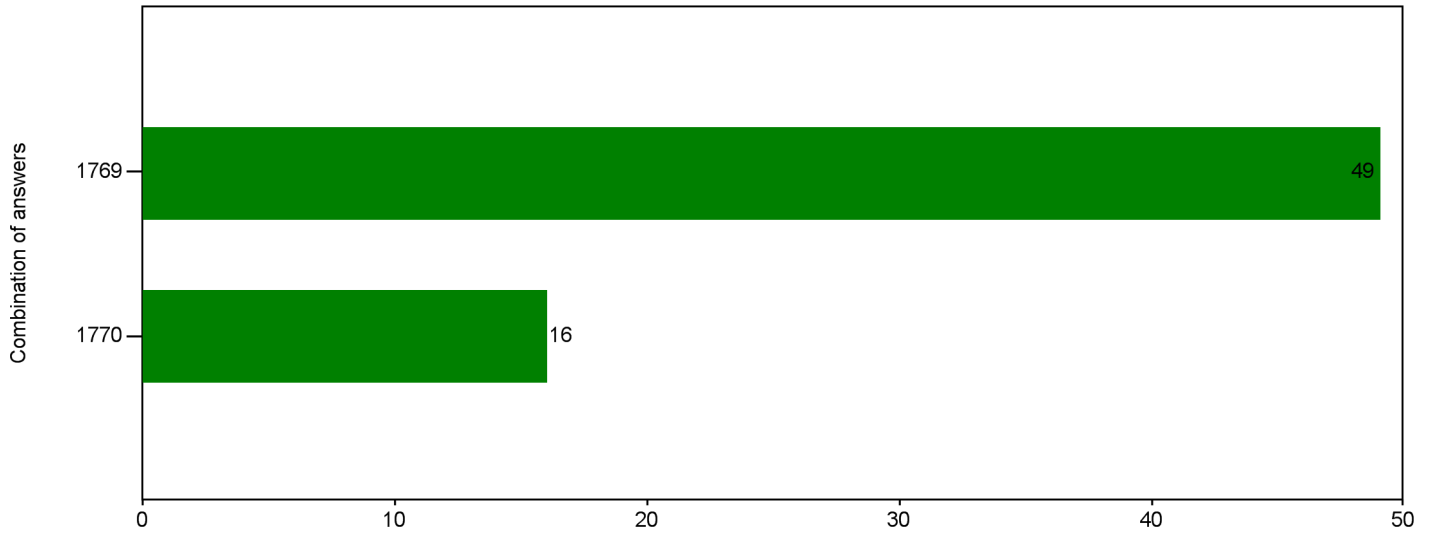
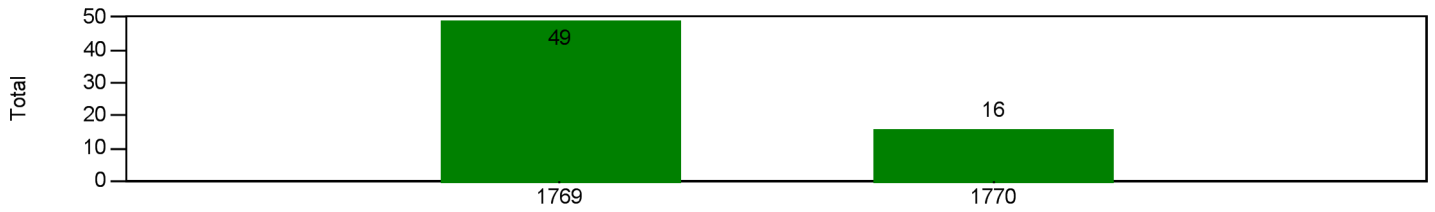
2.2. Wholesale telecommunication services

2.2.1. Please indicate which wholesale telecommunication services provided in your country are subject to price control and which are not.

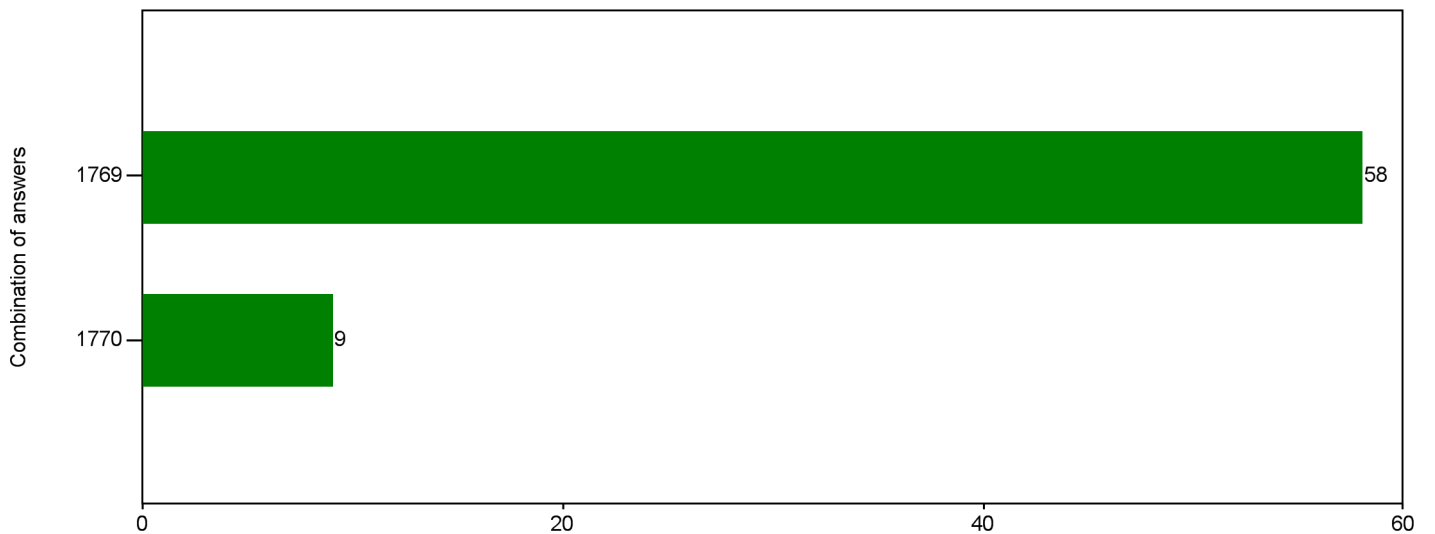
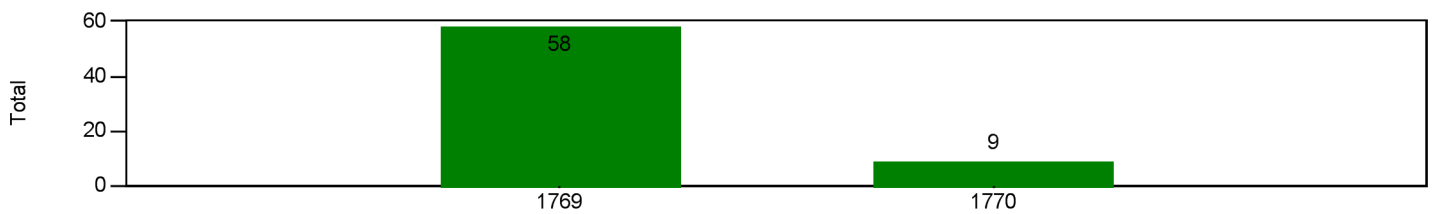
Multiple answers possible:

- 1769 With price control
- 1770 Without price control

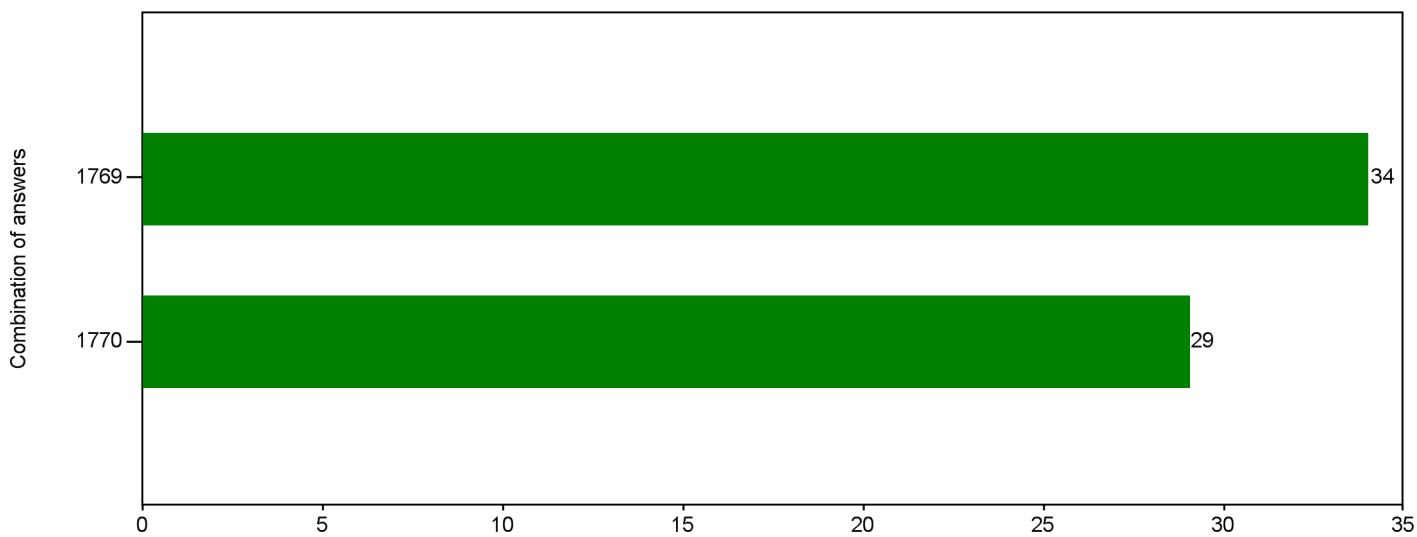
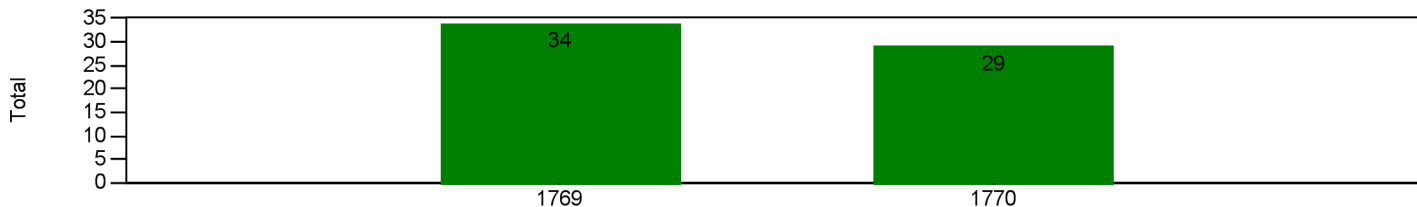
Administration Authorities - Interconnection: fixed origination



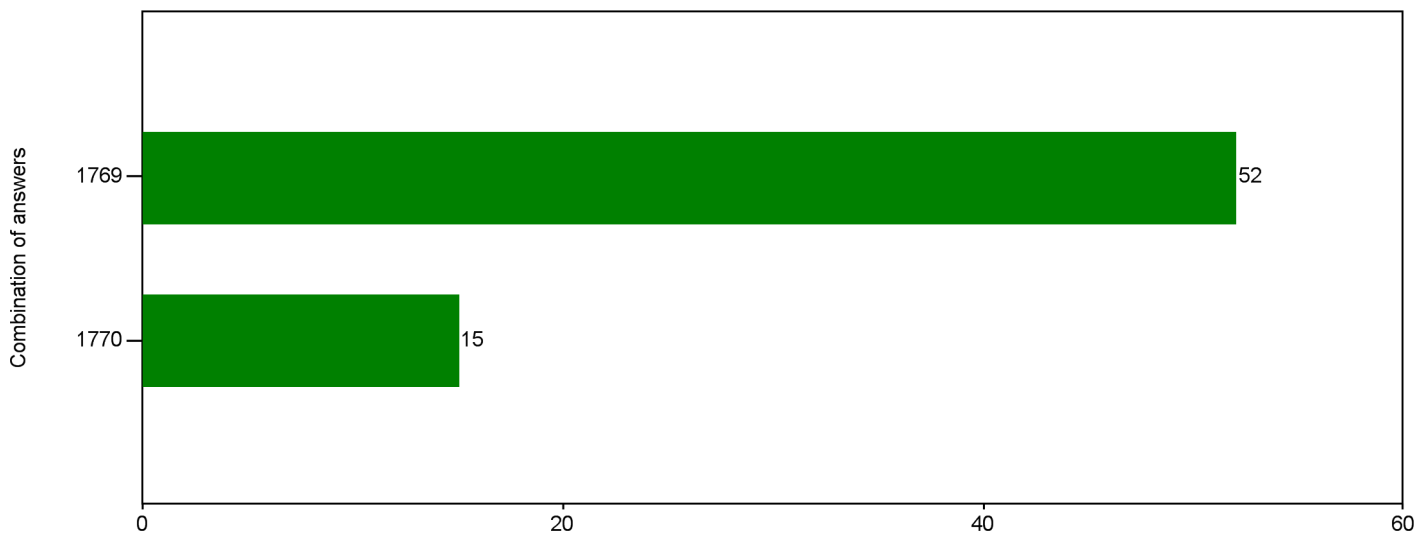
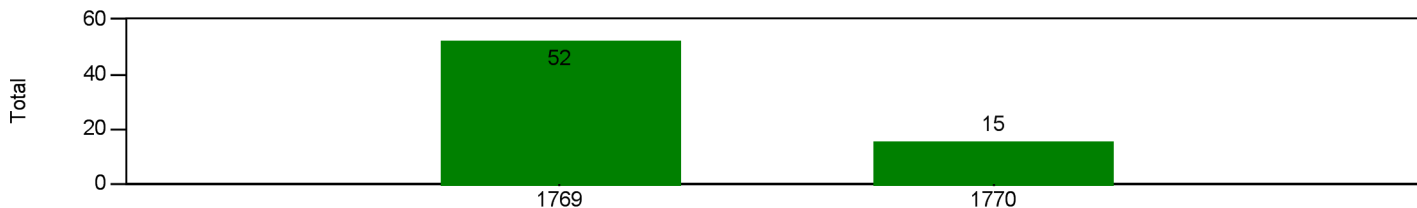
Administration Authorities - Interconnection: fixed termination



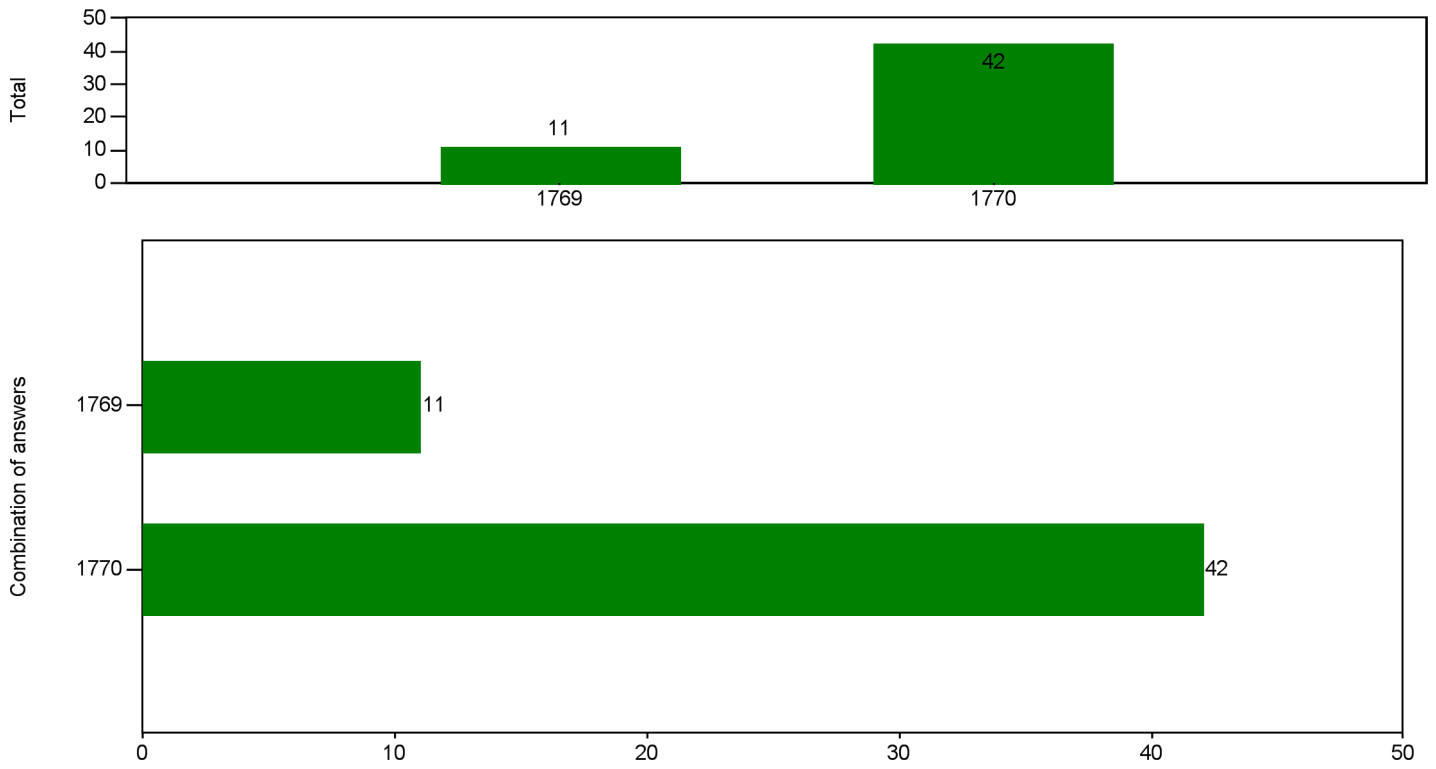
Administration Authorities - Interconnection: mobile origination



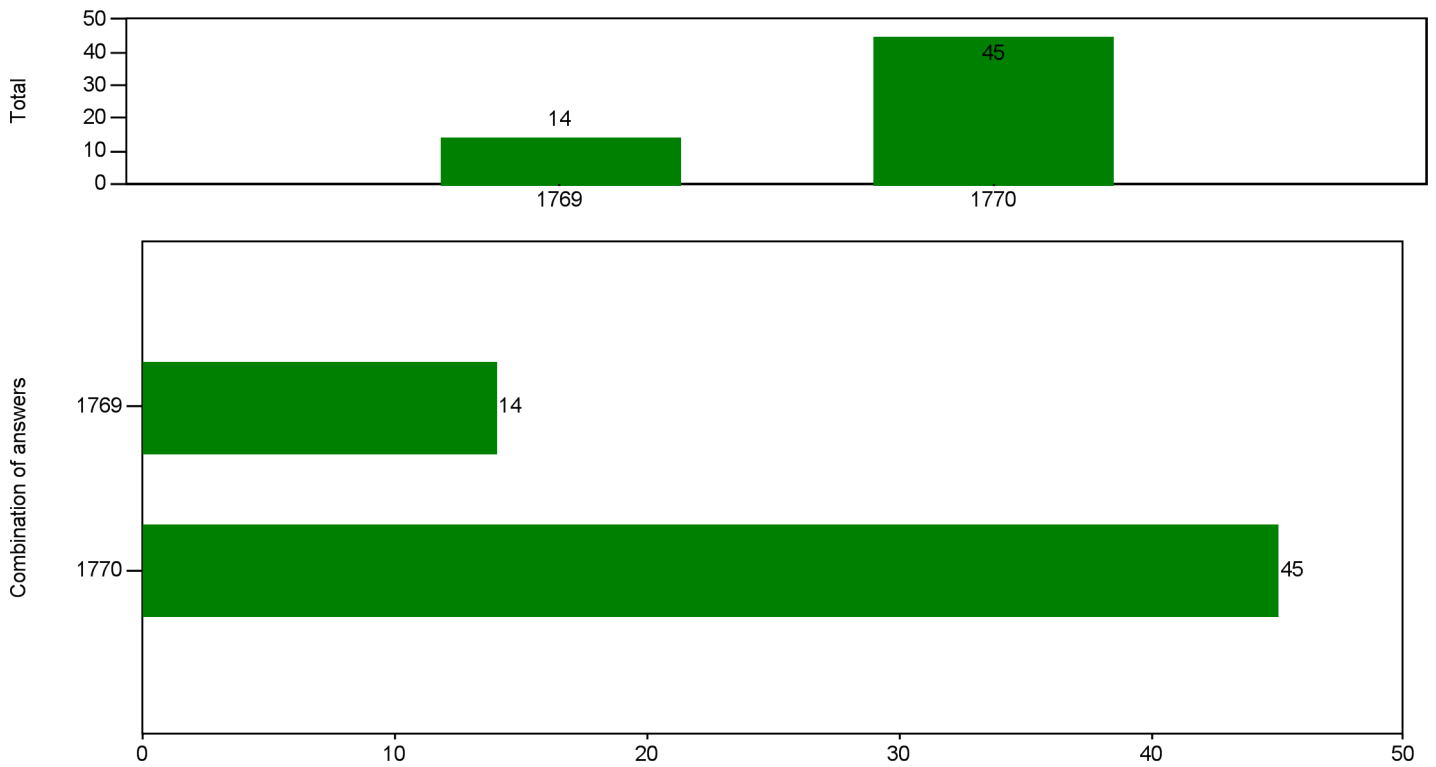
Administration Authorities - Interconnection: mobile termination



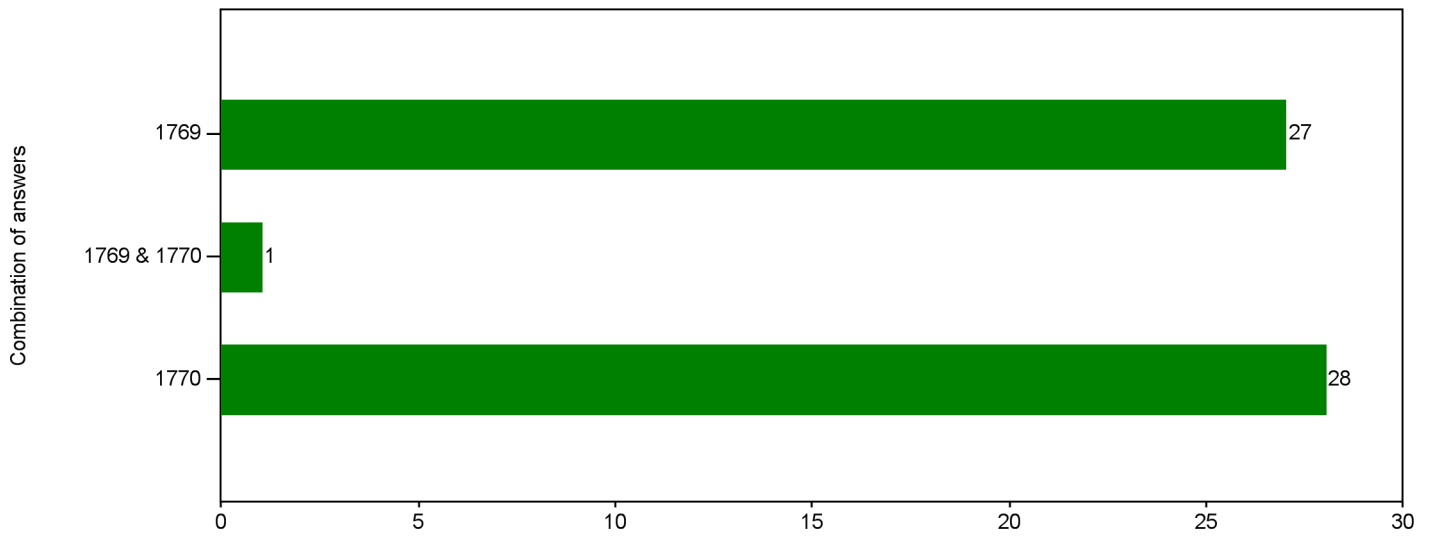
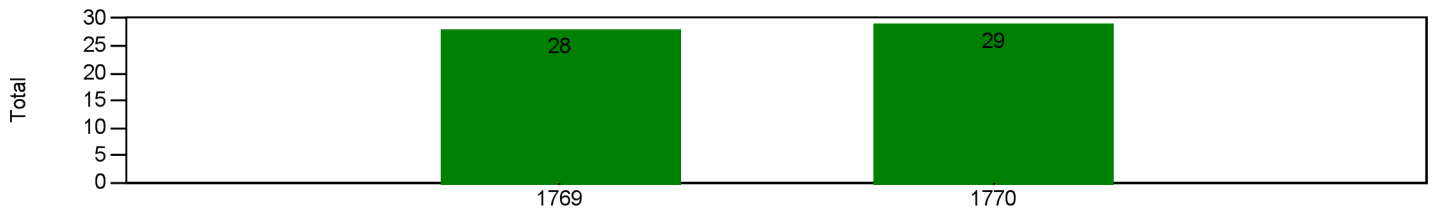
Administration Authorities - National wholesale voice roaming



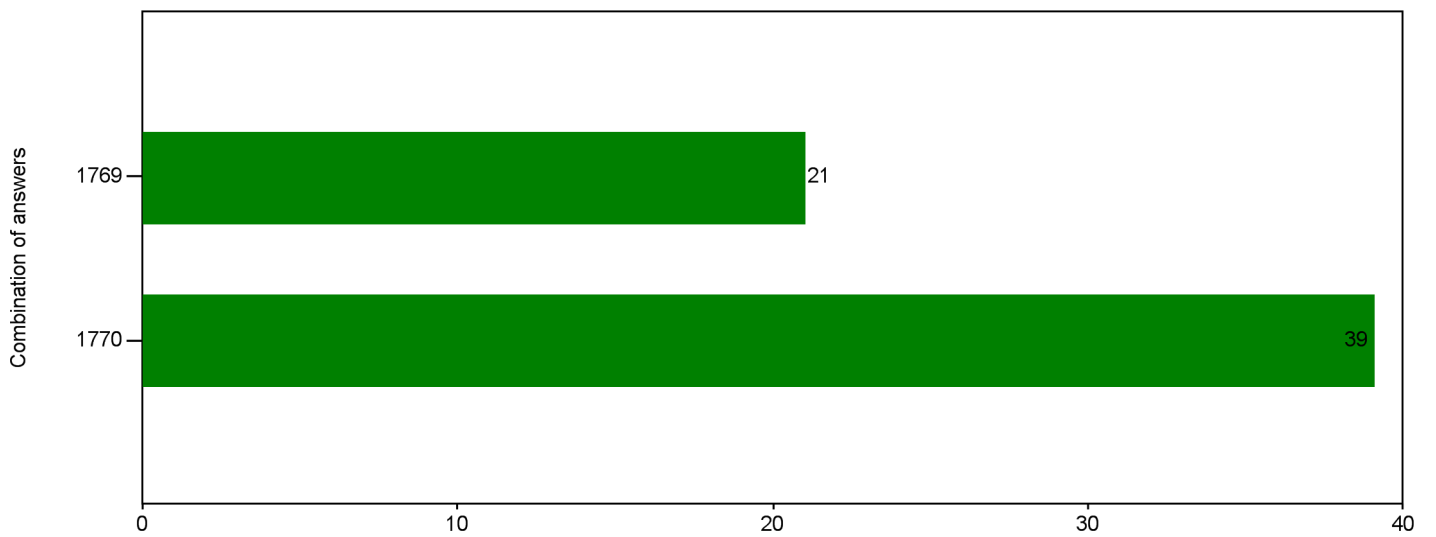
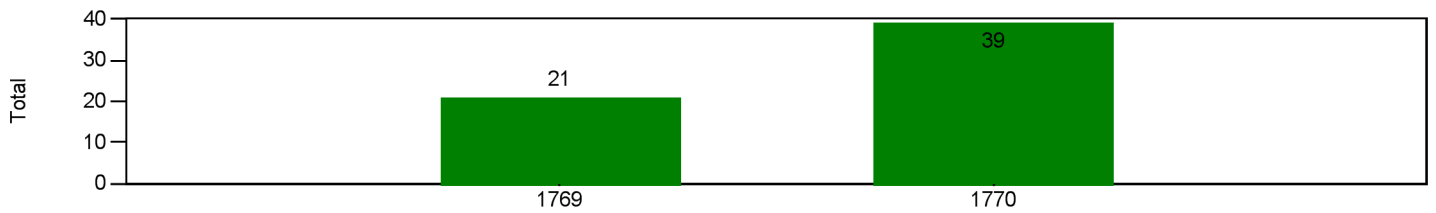
Administration Authorities - International wholesale voice roaming



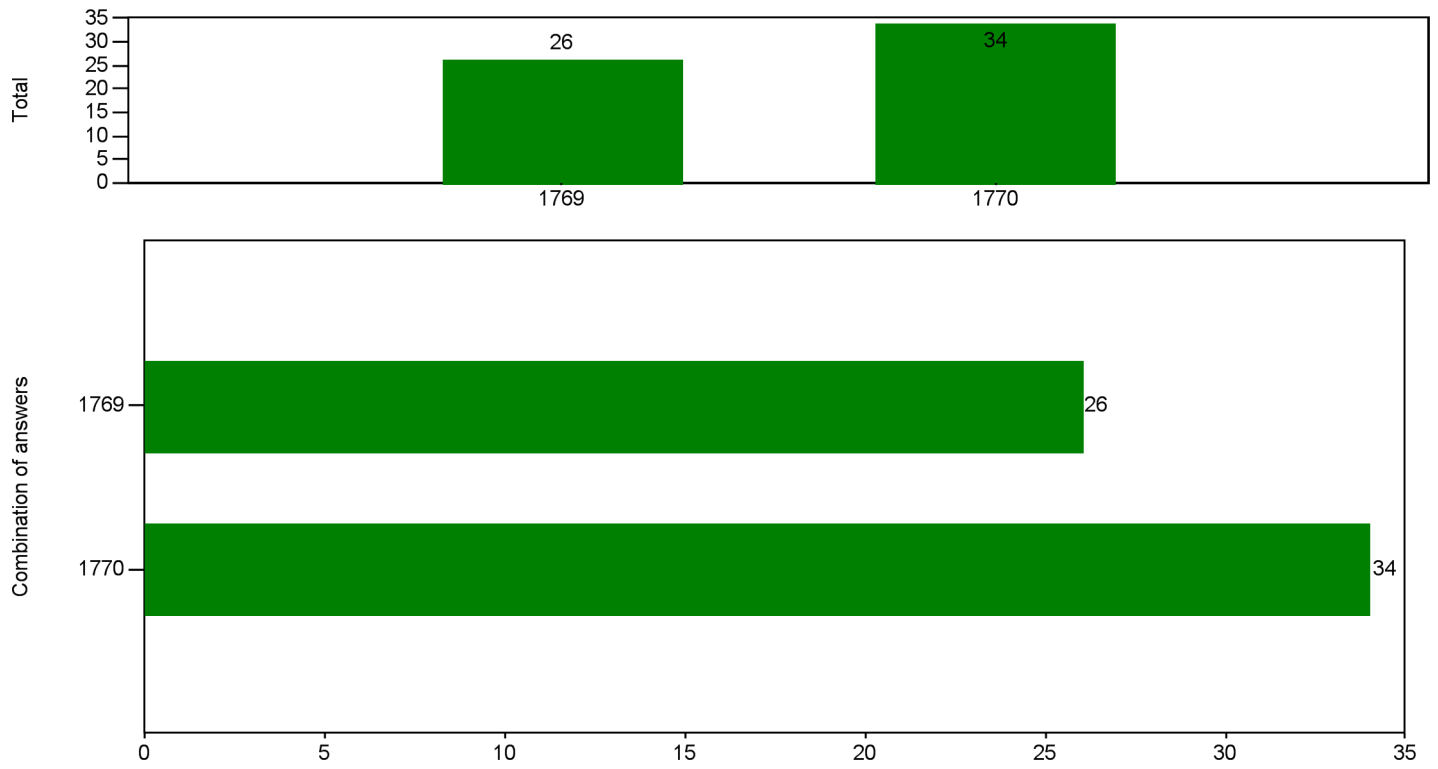
Administration Authorities - Unbundled local loop



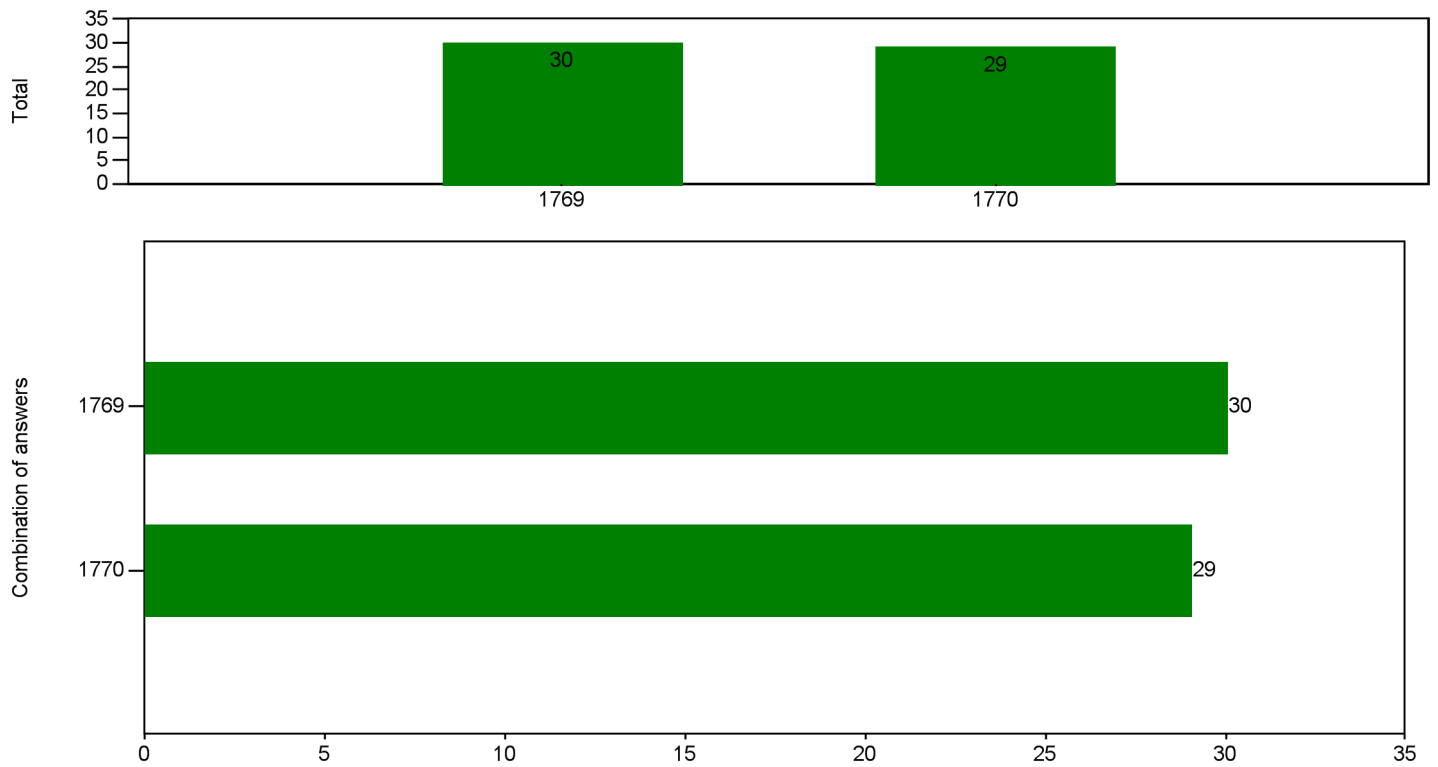
Administration Authorities - Wholesale broadband access/bistream access



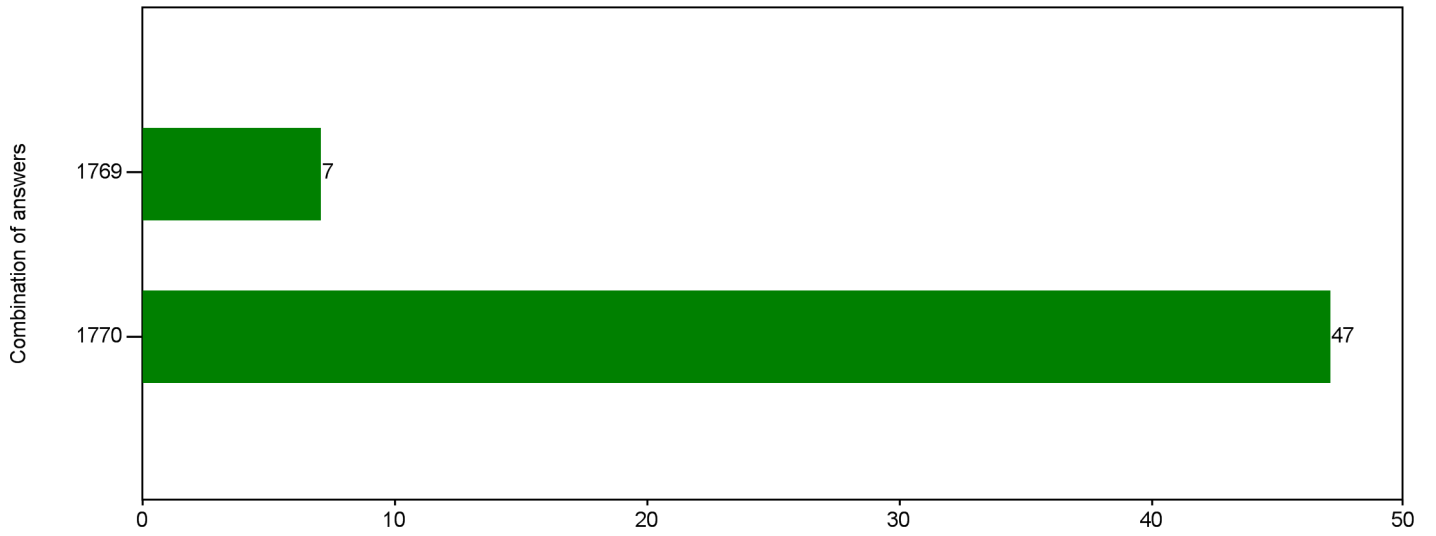
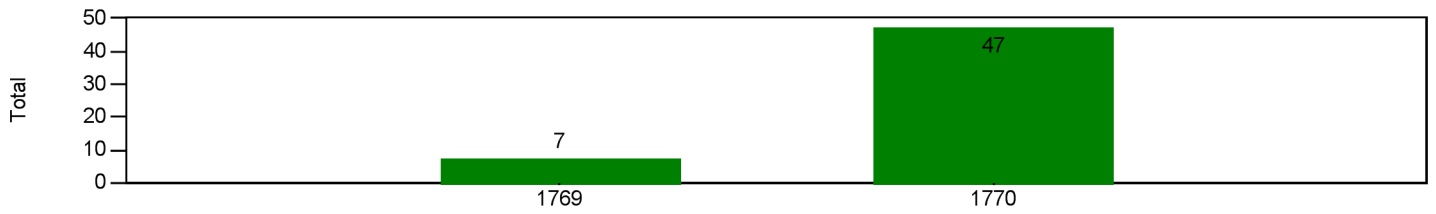
Administration Authorities - Wholesale line rental



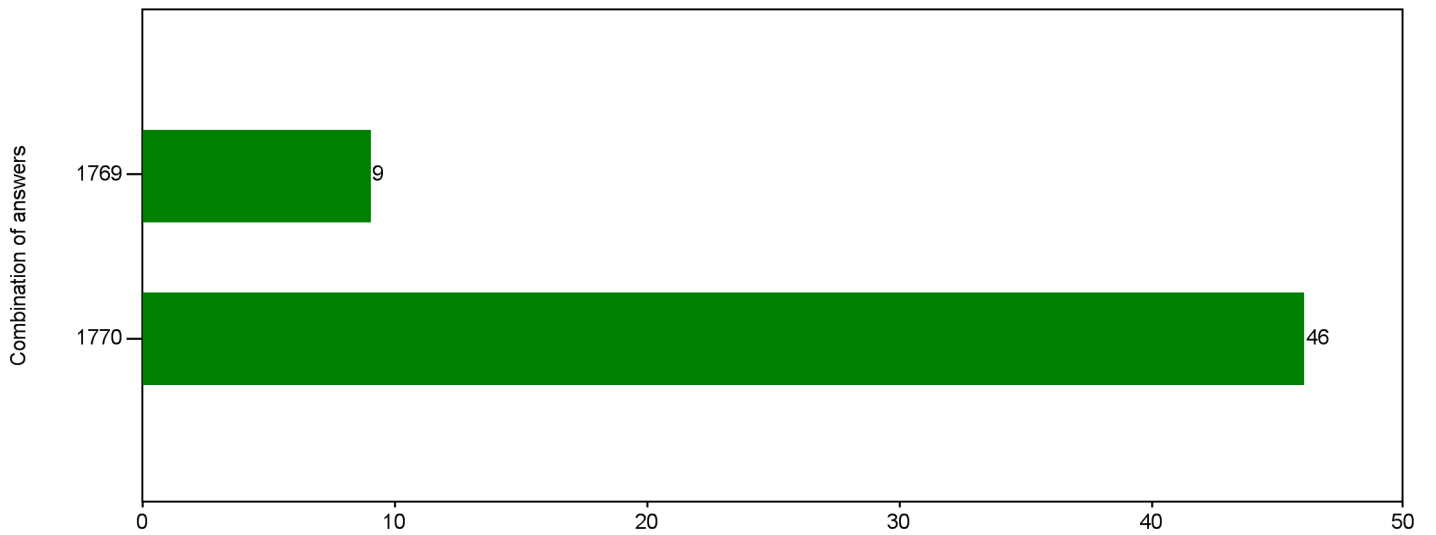
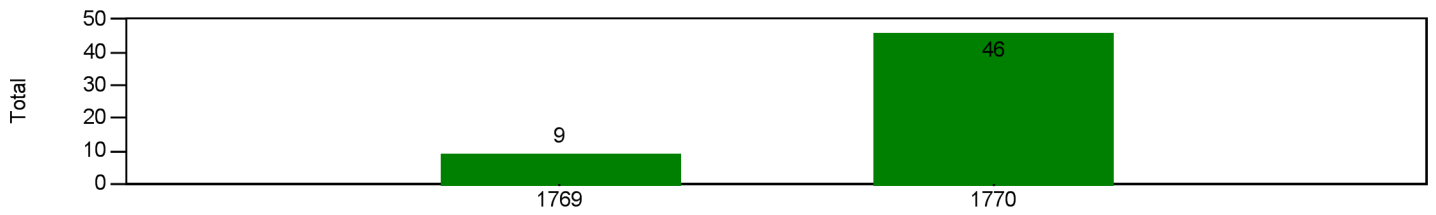
Administration Authorities - Wholesale leased lines



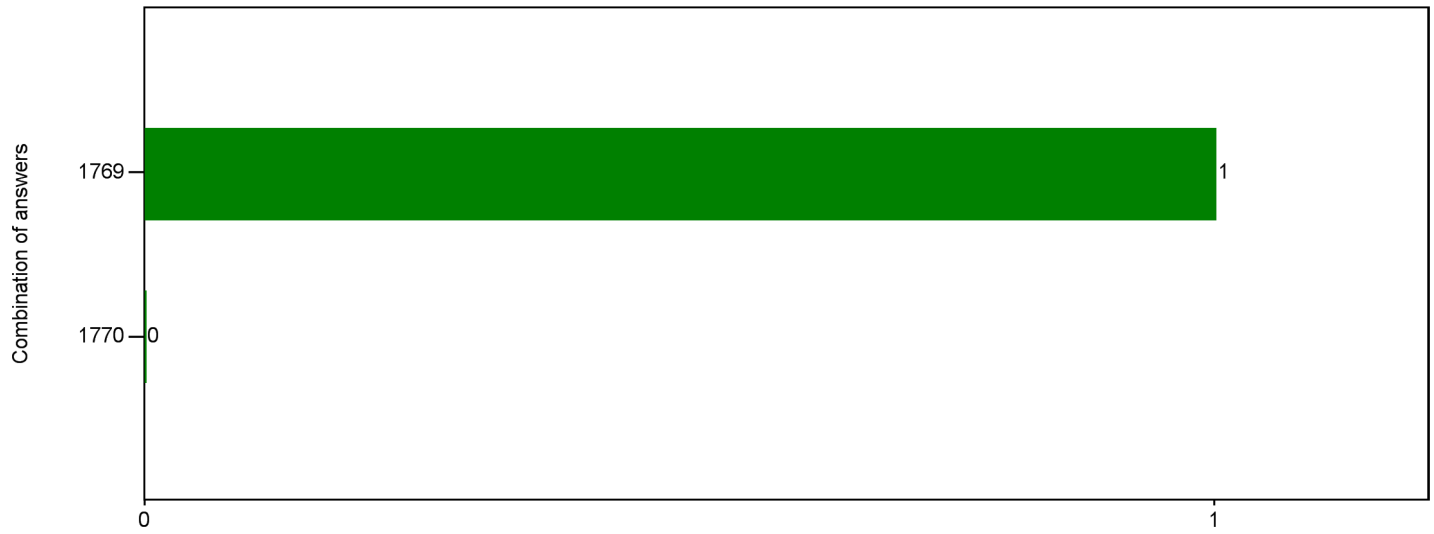
Administration Authorities - Access to Internet exchange points (IXPs)



Administration Authorities - Access to International gateways



Administration Authorities - Other



2.2.1.1. Note:

The answers to this question are text based.

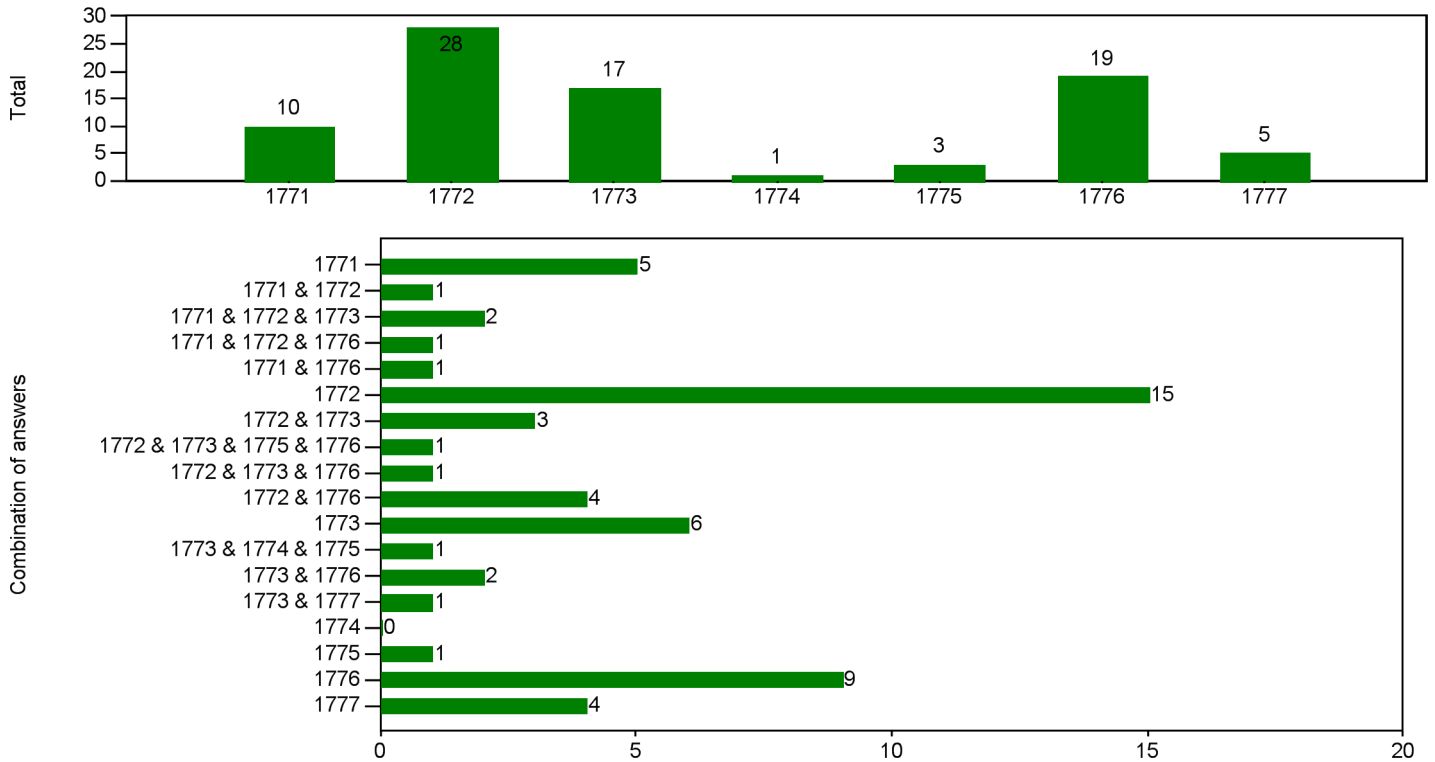
2.3. Price determination

2.3.1. How are the prices of regulated services determined in your country?

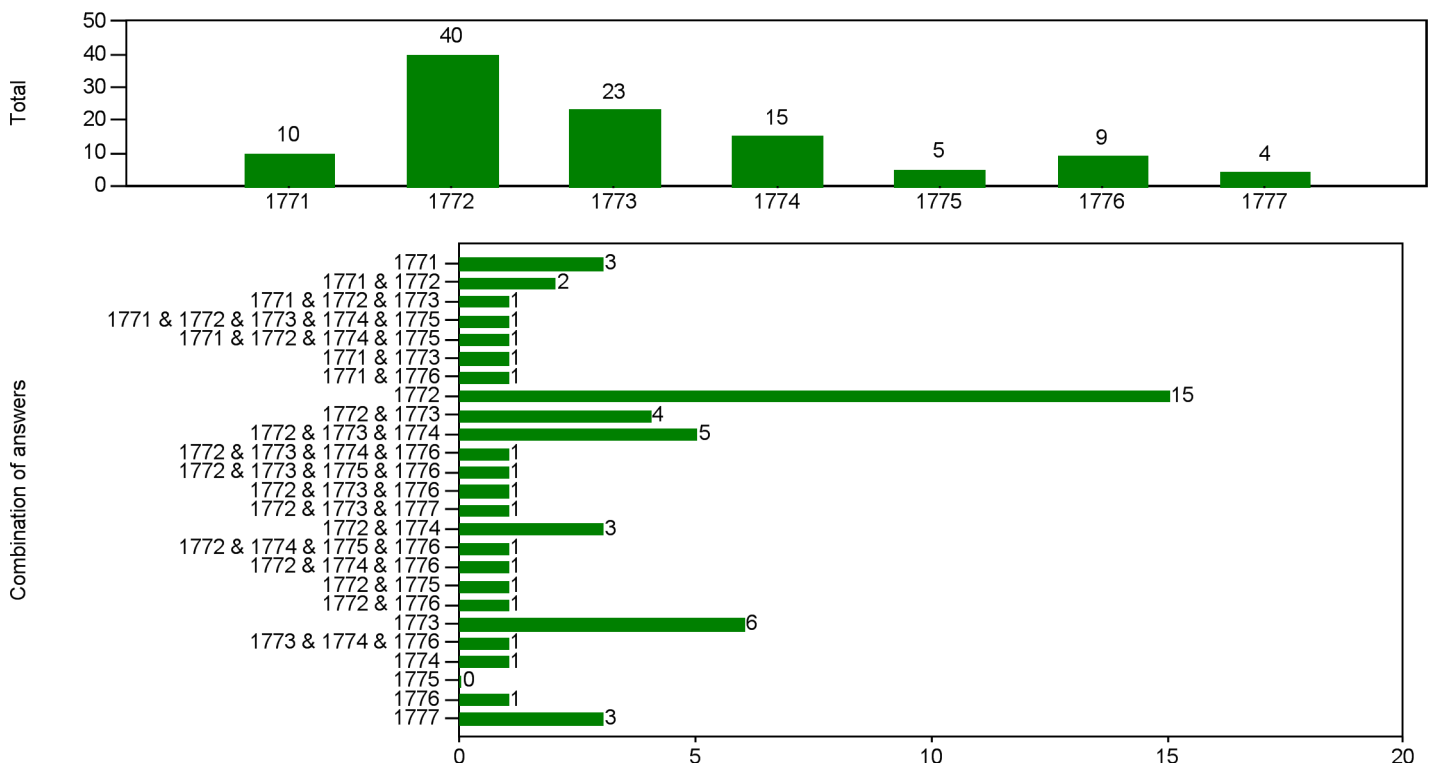
Multiple answers possible:

- 1771 Price ceiling set by the State
- 1772 Cost orientation (using cost models)
- 1773 Benchmarking of tariffs
- 1774 Retail minus approach
- 1775 Rate of return regulation
- 1776 Price cap
- 1777 Other please specify

Administration Authorities - Retail services



Administration Authorities - Wholesale services



2.3.1.1. Note:

The answers to this question are text based.

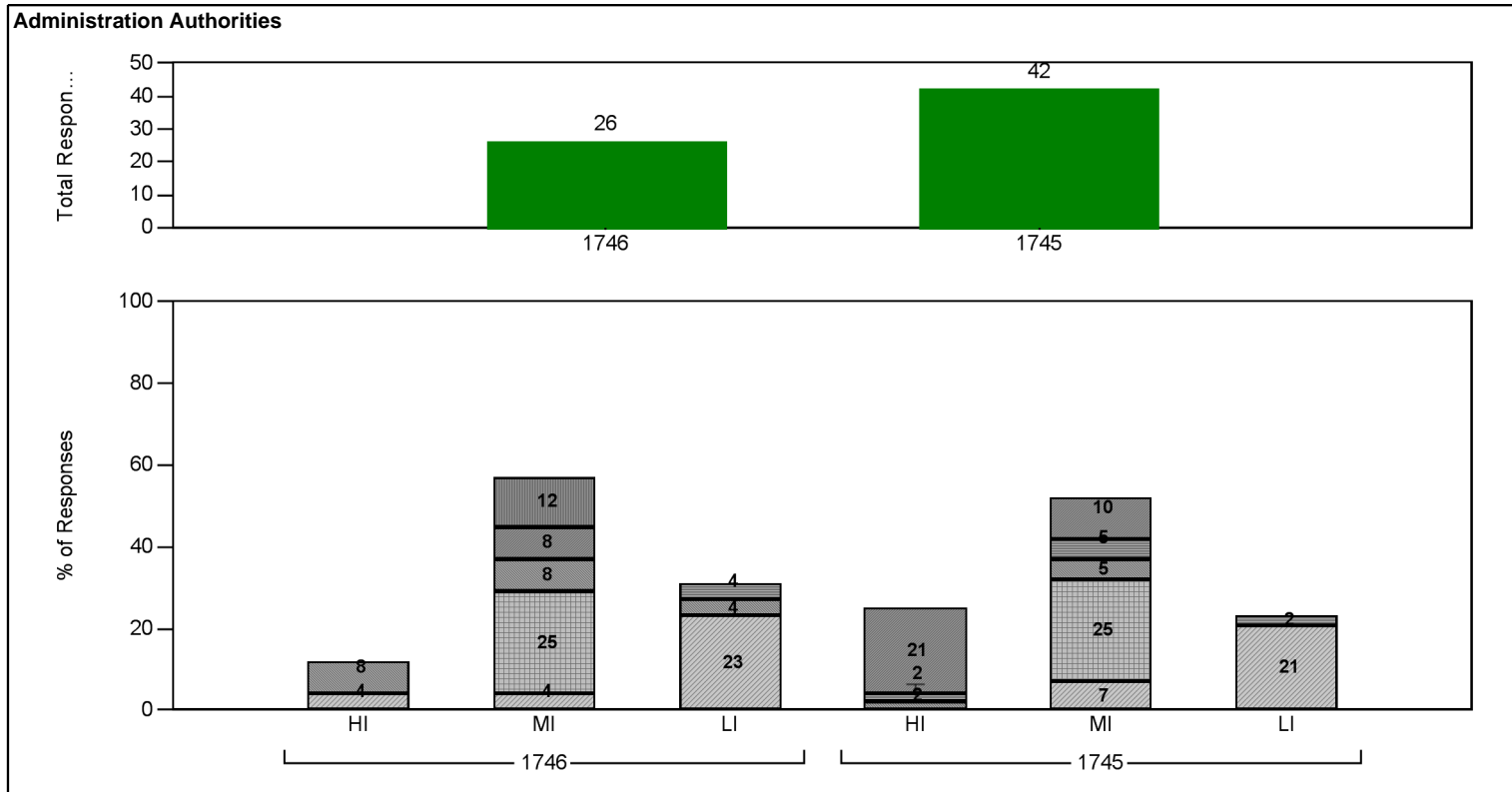
3. Cost and tariff models

3.1. Do you use a cost model to determine prices of regulated services?

Only one answer possible:

1745 Yes (if yes, please complete Section 3 below)

1746 No (if no, please go to Section 4)

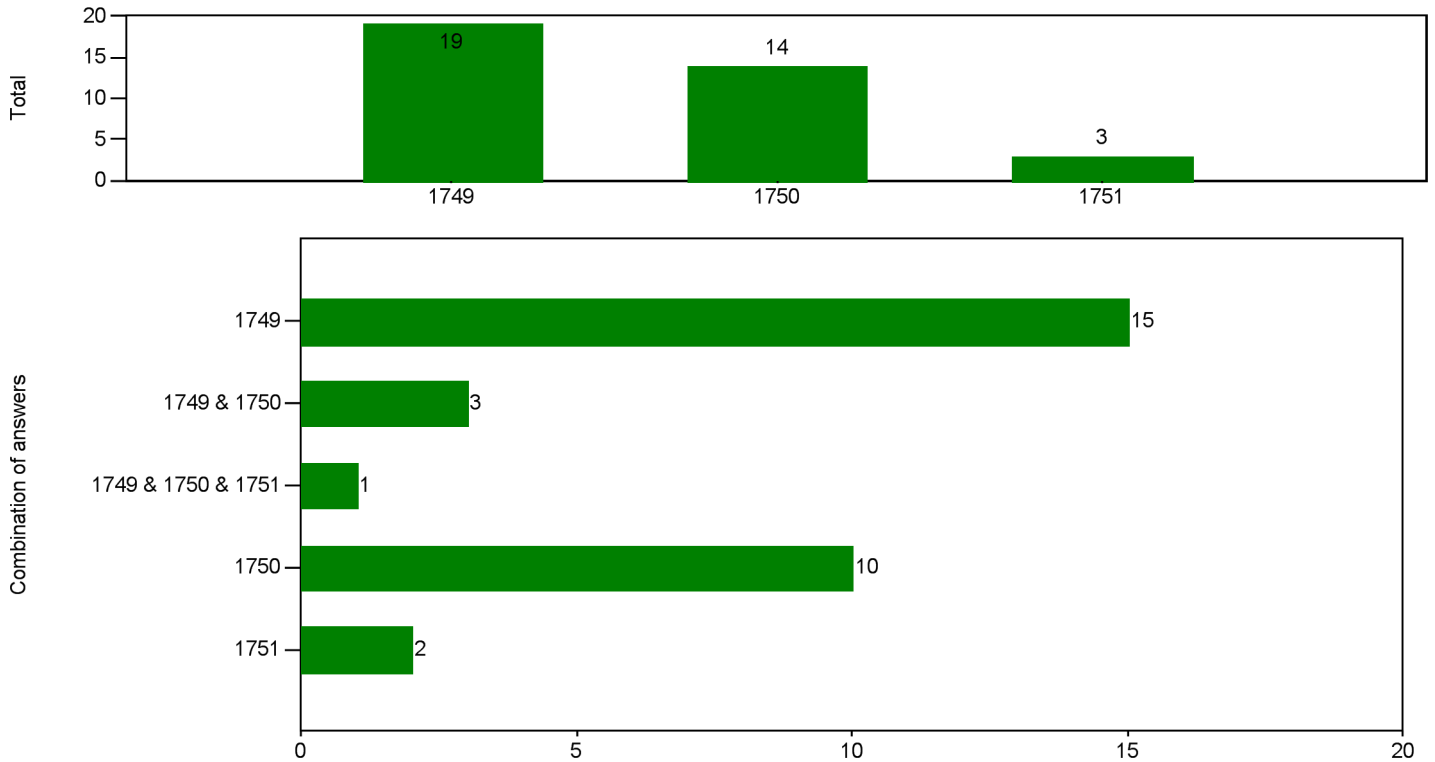


3.2. Please indicate the type of costs on which it is based.

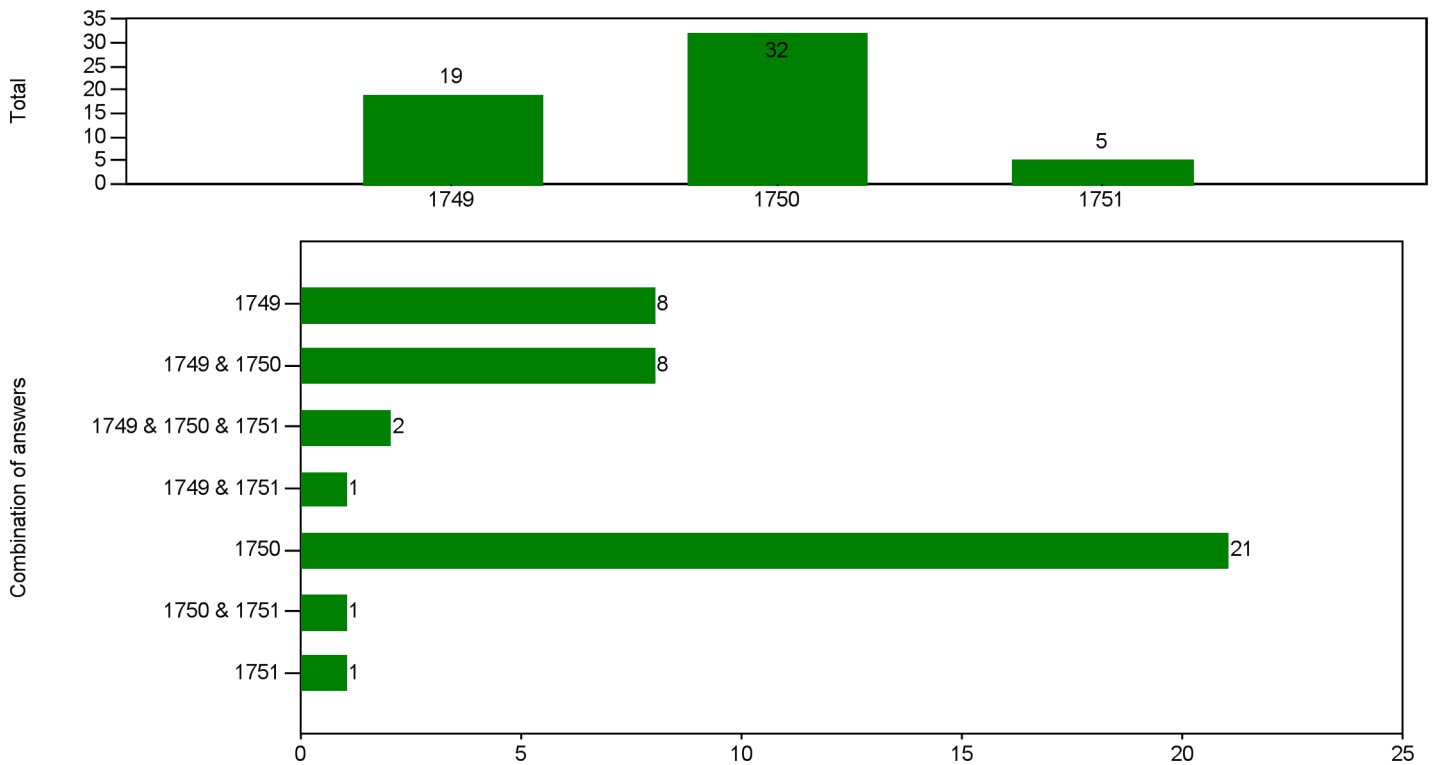
Multiple answers possible:

- 1749 Historical costs
- 1750 Current costs
- 1751 Other please specify

Administration Authorities - Retail services



Administration Authorities - Wholesale services



3.2.1. Note:

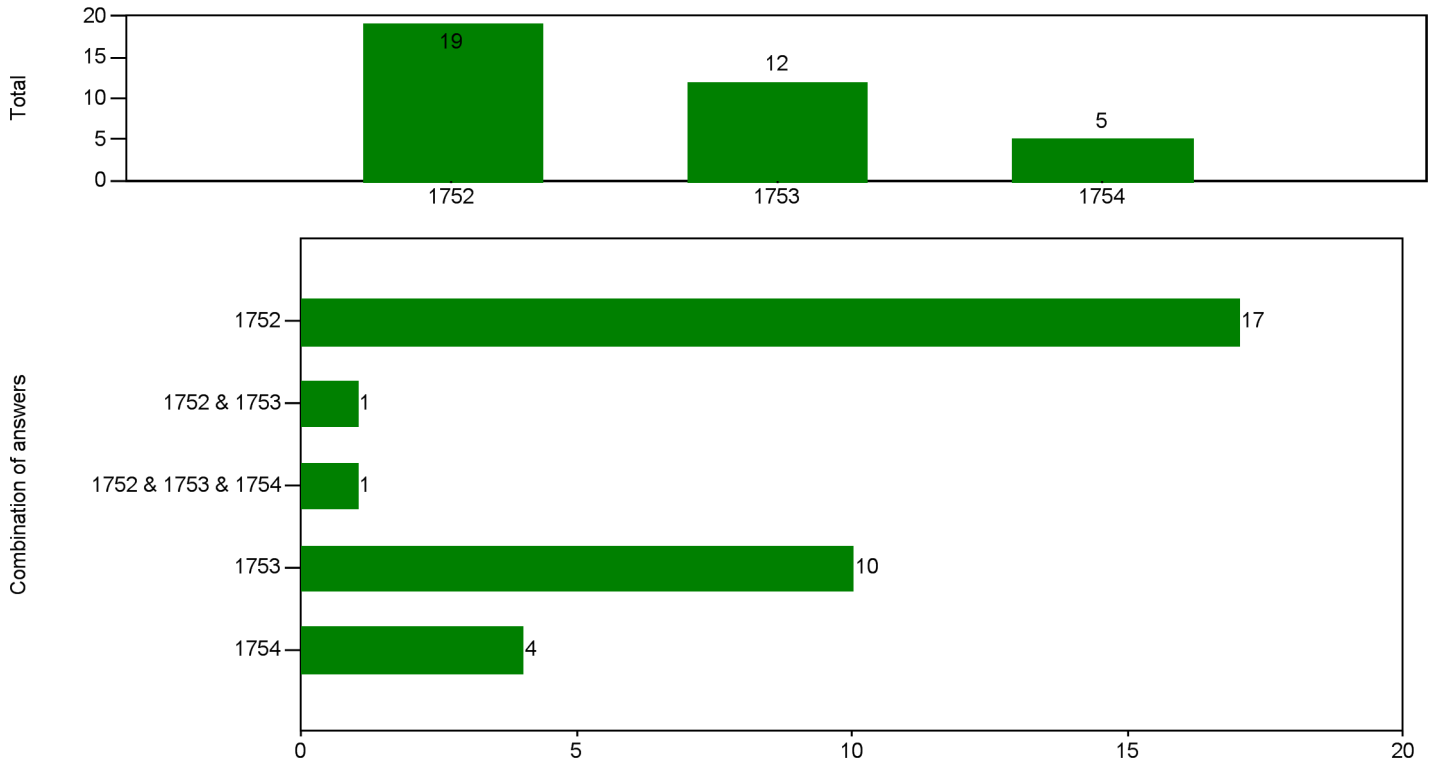
The answers to this question are text based.

3.3. Which concept do you use as the basis for calculating telecommunication service tariffs?

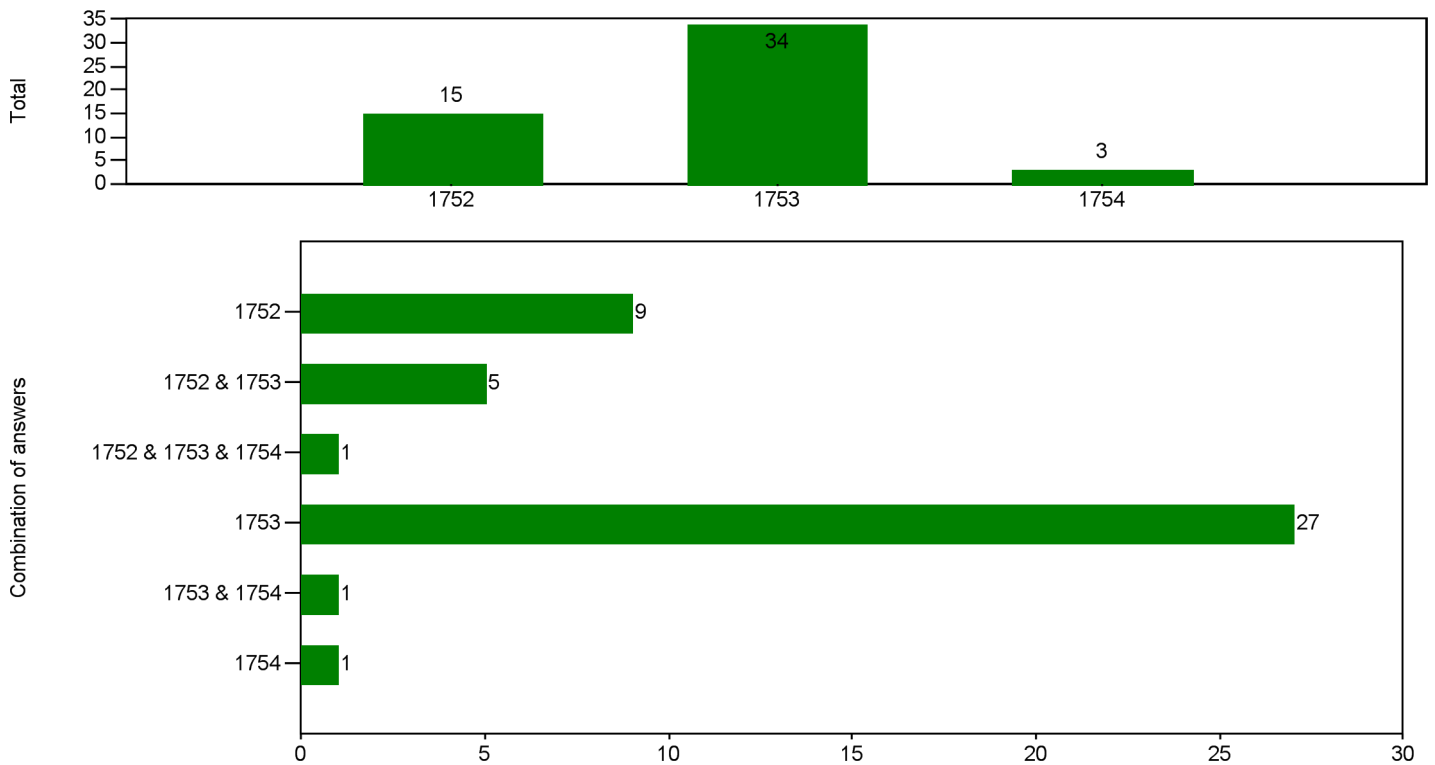
Multiple answers possible:

- 1752 Fully Distributed Costs (FDC)
- 1753 Long-Run Incremental Costs (LRIC)
- 1754 Other please specify

Administration Authorities - Retail services



Administration Authorities - Wholesale services



3.3.1. Note:

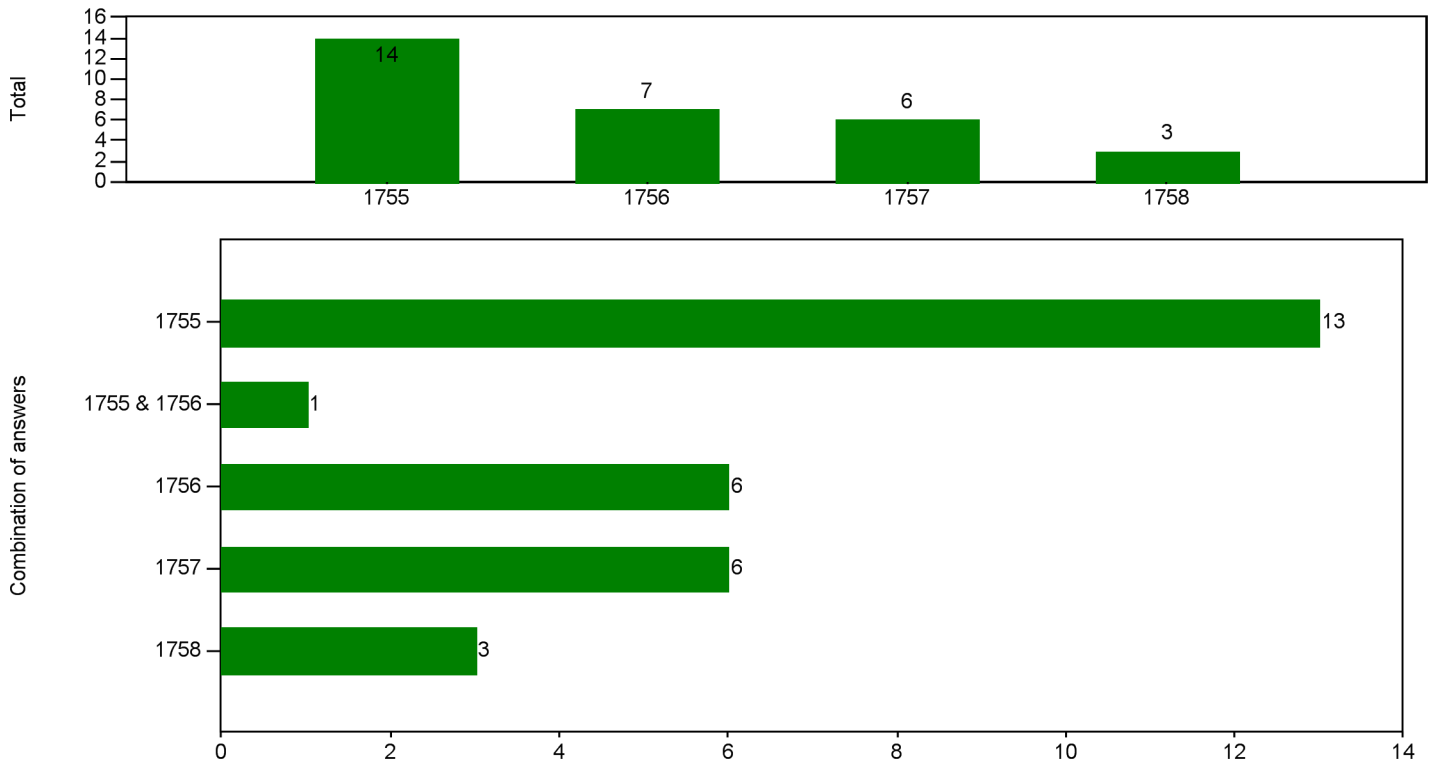
The answers to this question are text based.

3.4. Which approach do you use to calculate telecommunication service tariffs?

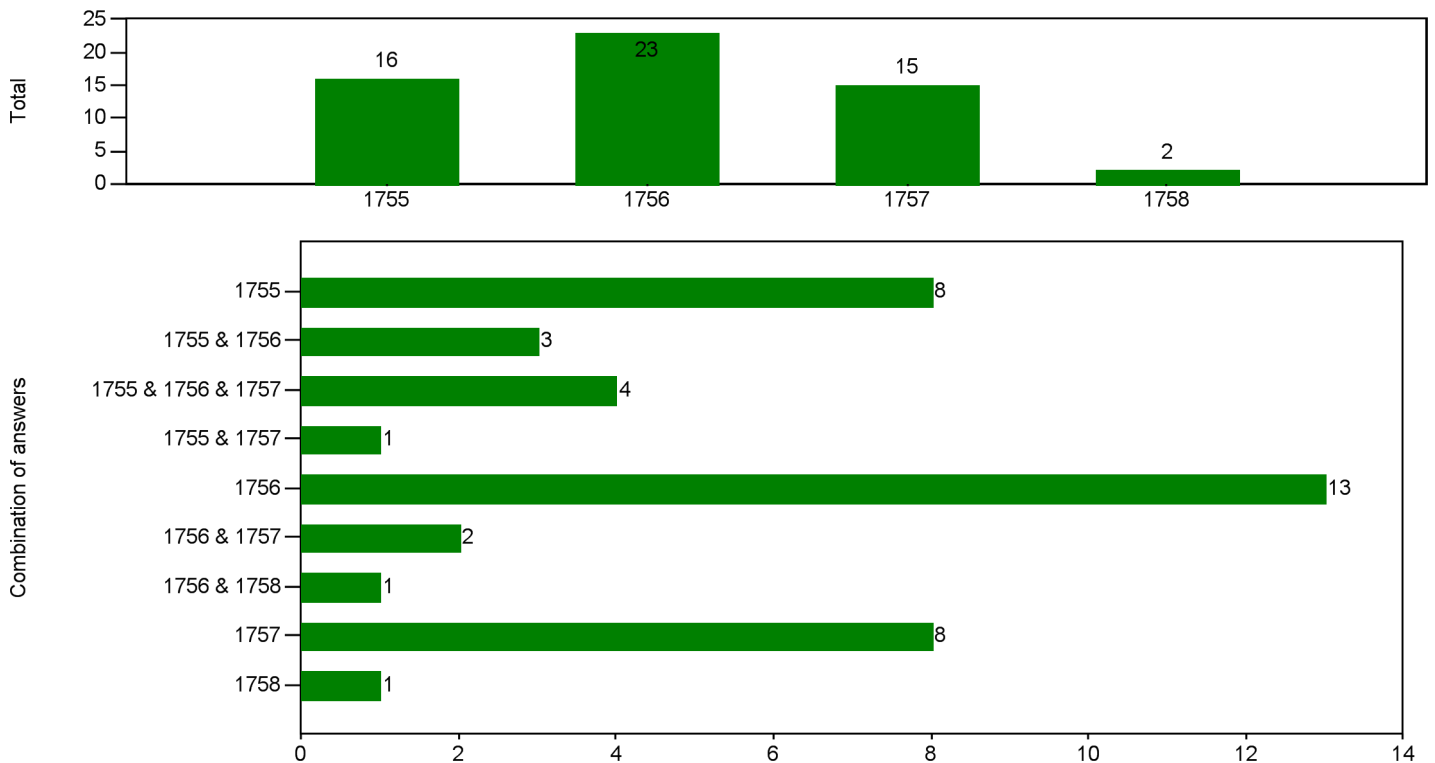
Multiple answers possible:

- 1755 Top-down
- 1756 Bottom-up
- 1757 Hybrid
- 1758 Other please specify

Administration Authorities - Retail services



Administration Authorities - Wholesale services



3.4.1. Note:

The answers to this question are text based.

3.5. Does this cost model depend on cost accounting data?

Only one answer possible:

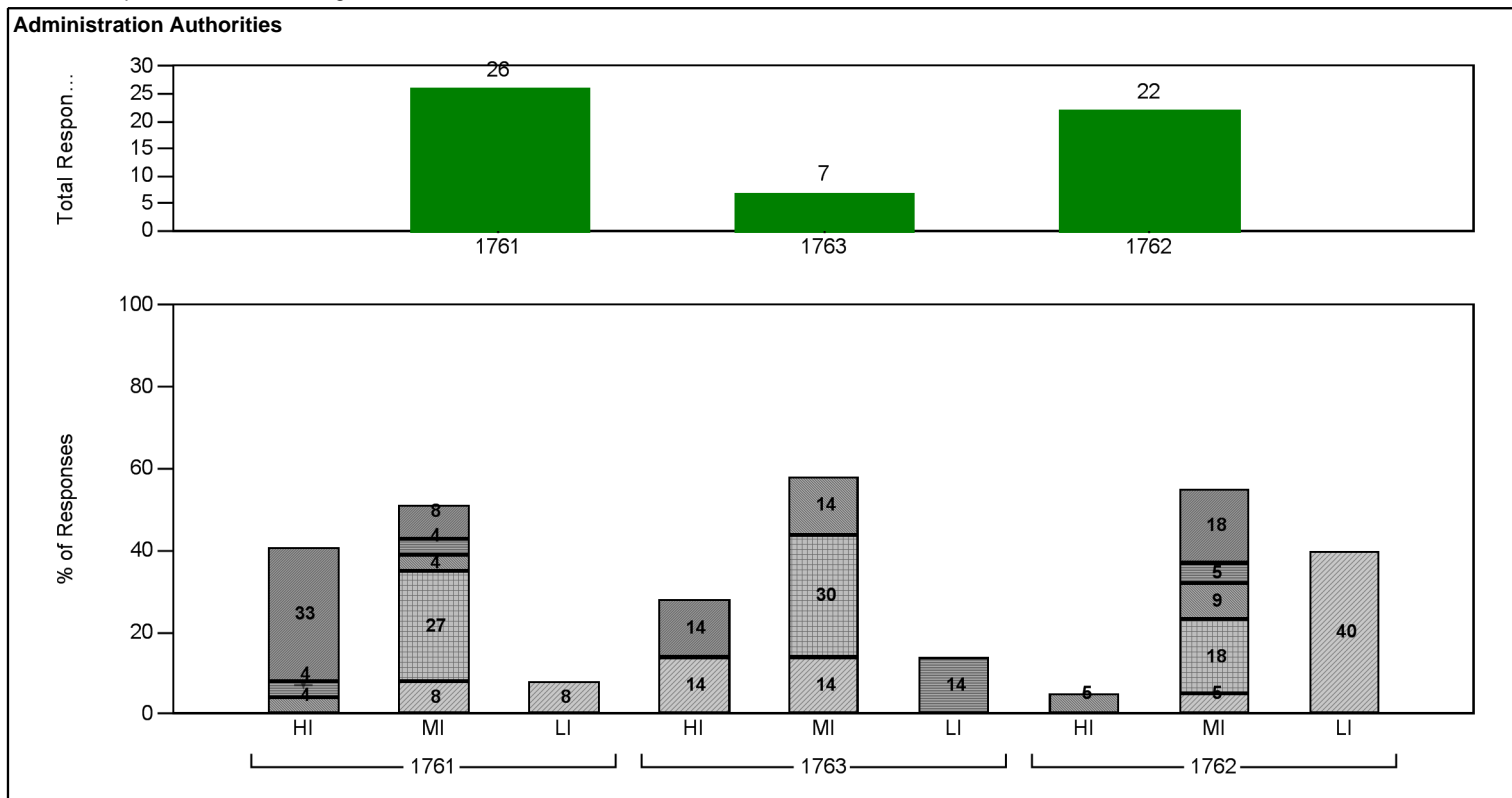
- 1759 Yes
- 1760 No

Administration Authorities											
Total answer	Region	Yes					No				
		HI	MI	LI	Total	%	HI	MI	LI	Total	%
16	Africa	1	4	7	12	75%	0	0	4	4	25%
6	Arab States	2	2	0	4	67%	0	2	0	2	33%
4	Asia & Pacific	1	2	1	4	100%	0	0	0	0	0%
0	CIS	0	0	0	0	0%	0	0	0	0	0%
13	Europe	9	3	0	12	92%	0	1	0	1	8%
12	The Americas	0	9	0	9	75%	0	3	0	3	25%
51					41	80%				10	20%

3.6. Is accounting separation applied in your country?

Only one answer possible:

- 1761 In place
- 1762 Planned
- 1763 No plans for the time being

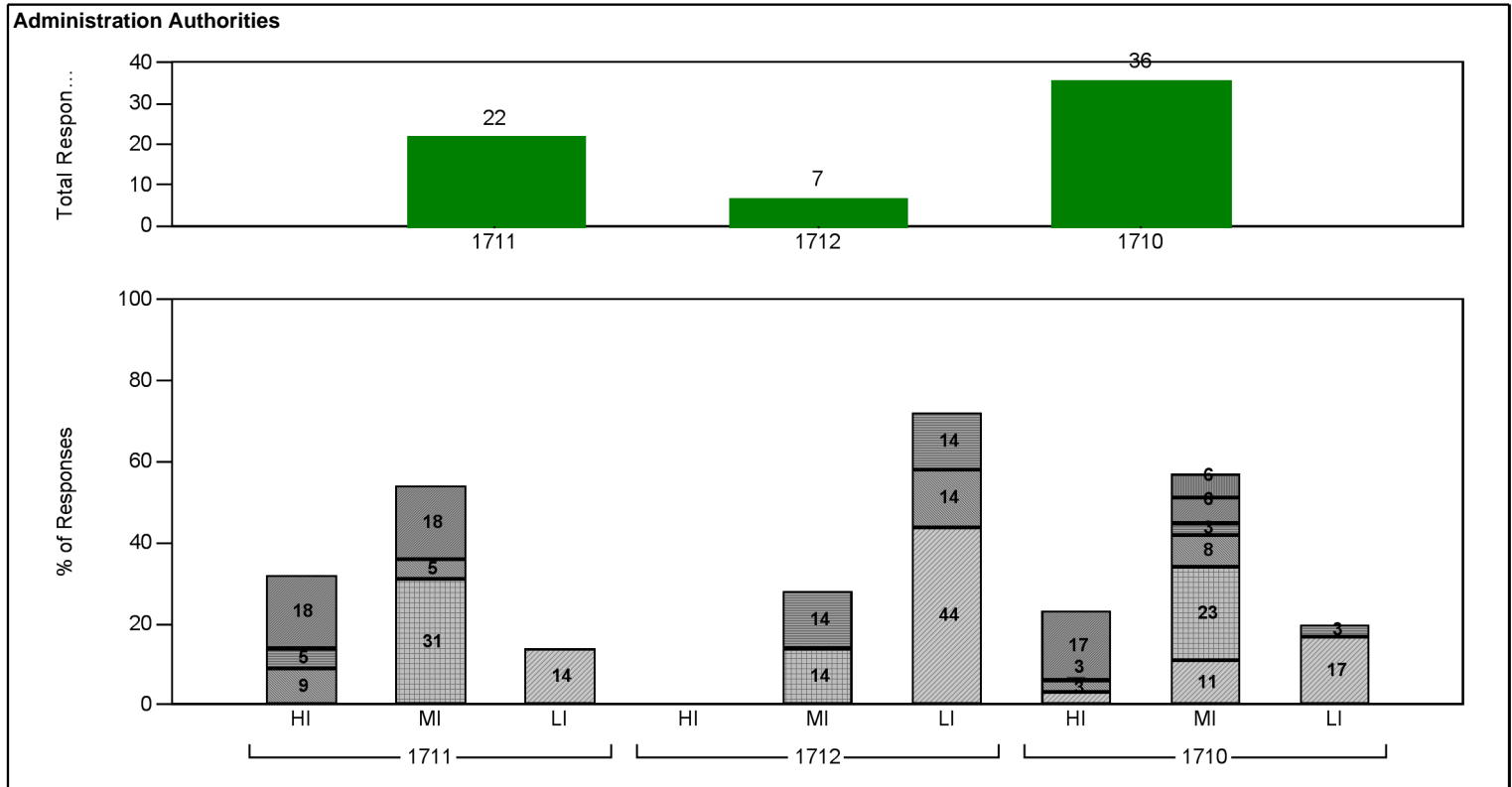


4. Tariff rebalancing of fixed telephony services

4.1. Has your country implemented tariff rebalancing?

Only one answer possible:

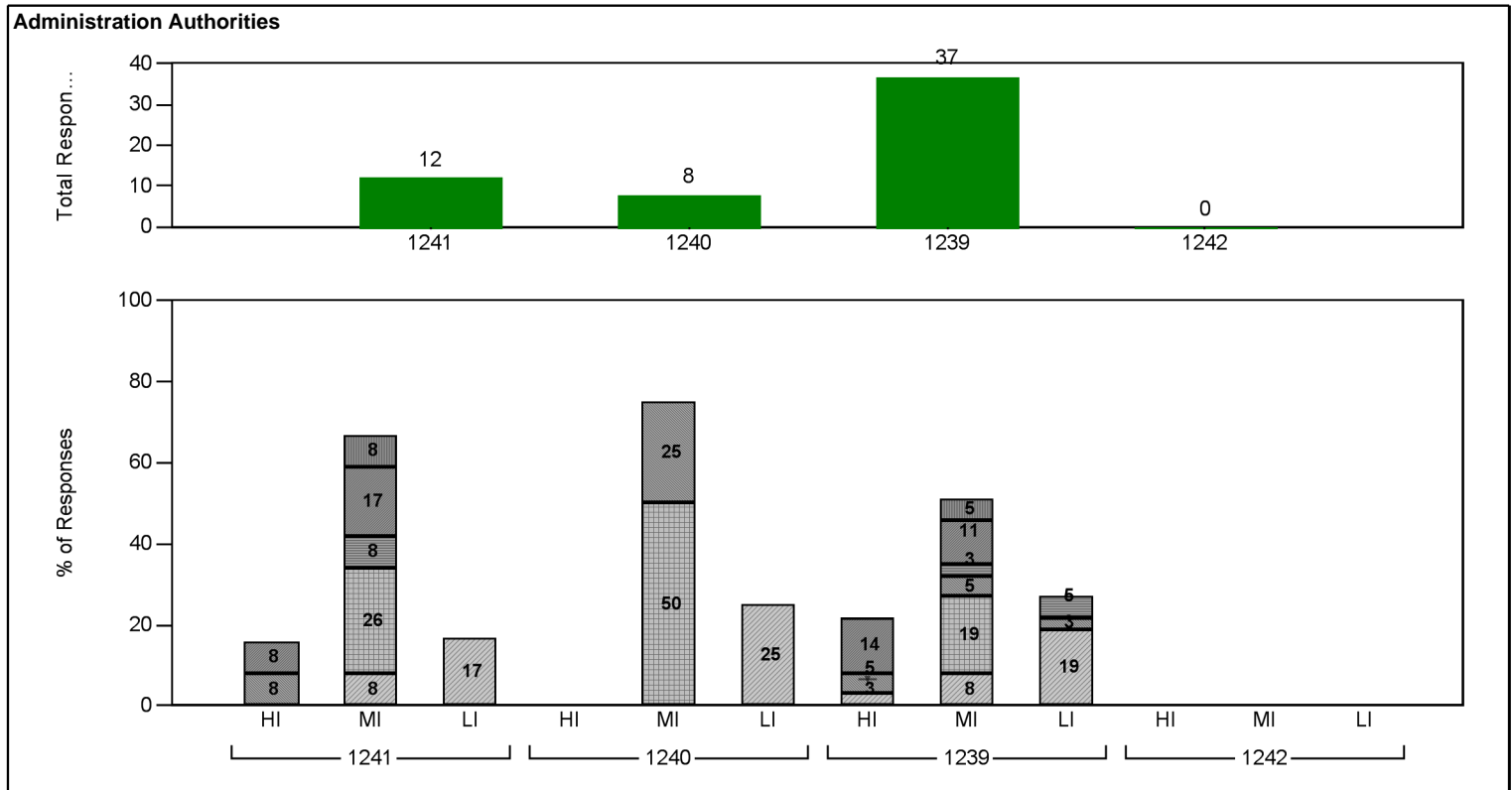
- 1710 Yes
- 1711 No Why?
- 1712 Planned



4.2. What is the time-period given to fixed line operators for absorbing the access deficit (tariff rebalancing)?

Only one answer possible:

- 1240 Less than three years
- 1241 Between three and seven years
- 1242 Over seven years
- 1239 Not determined



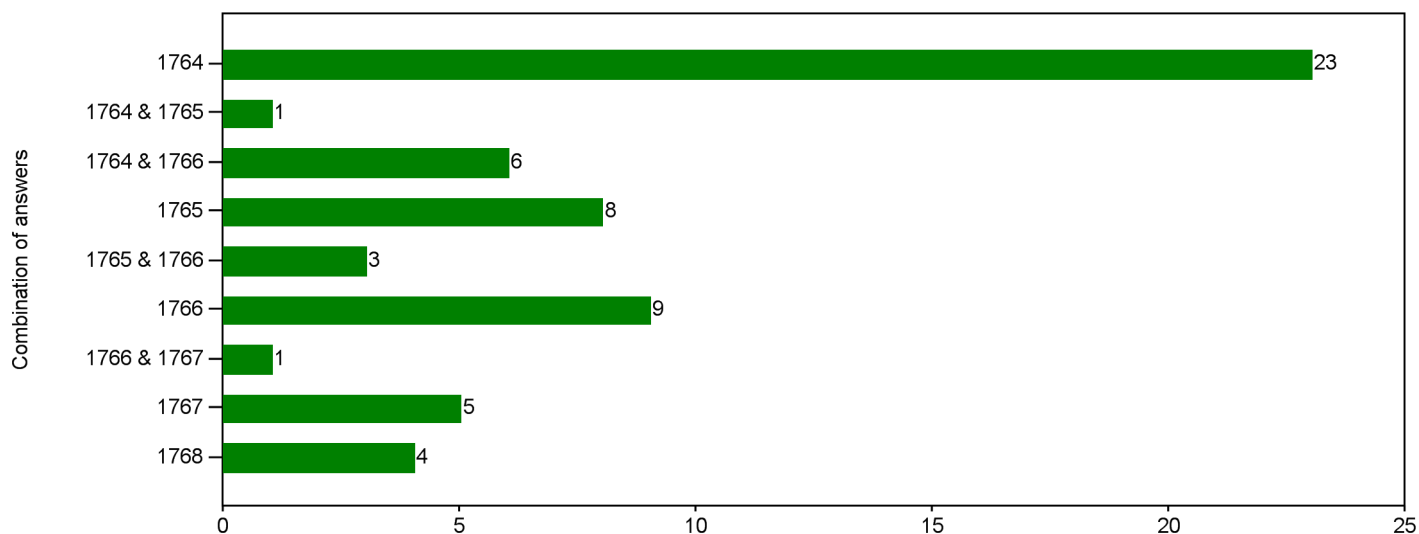
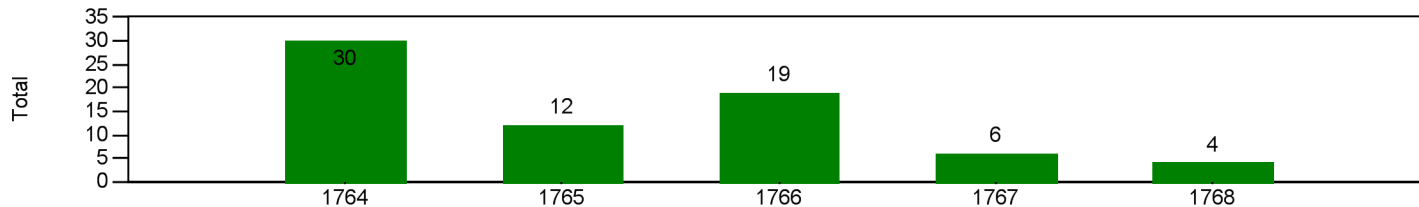
5. Interconnection issues

5.1. Which approach do you use to regulate interconnection prices?

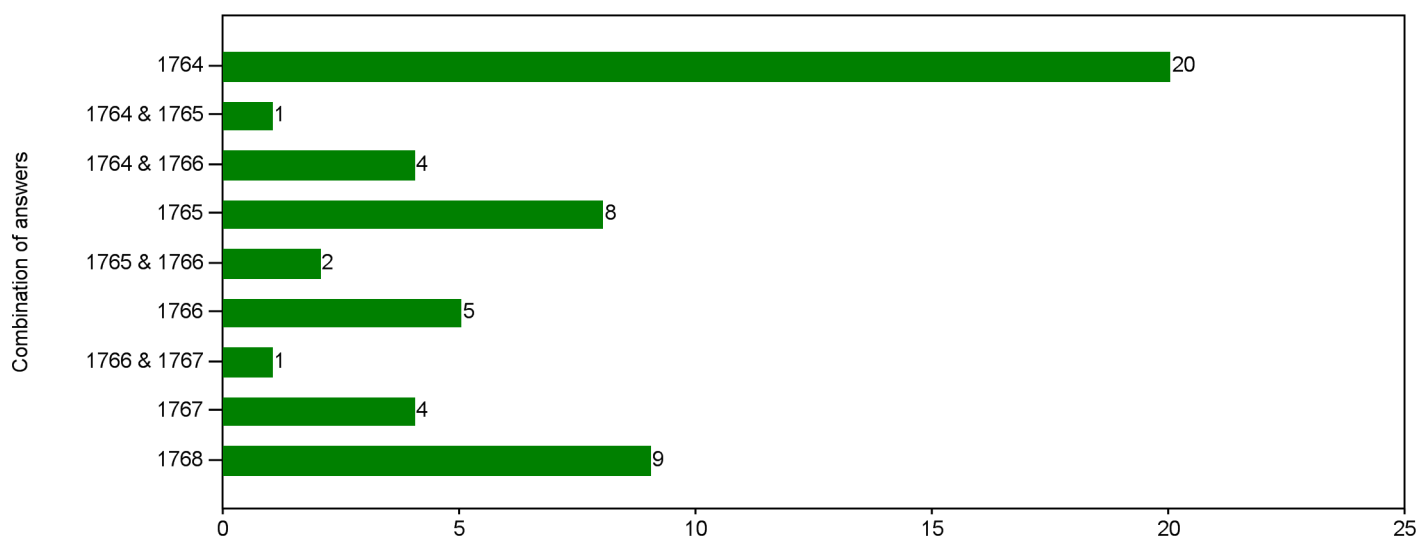
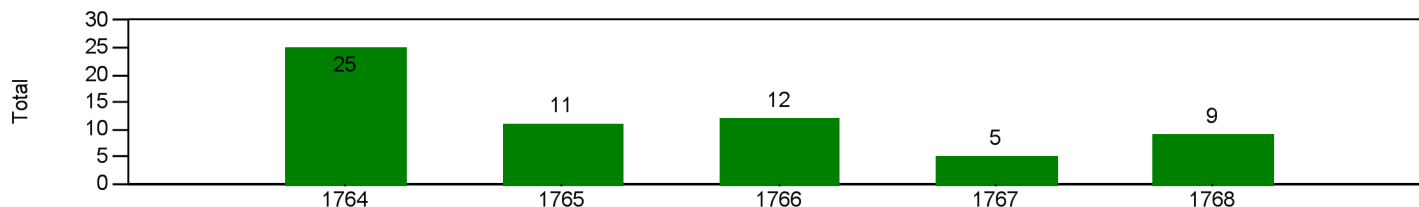
Multiple answers possible:

- 1764 LRIC cost model
- 1765 FDC cost model
- 1766 Benchmarking
- 1767 Other please specify
- 1768 None

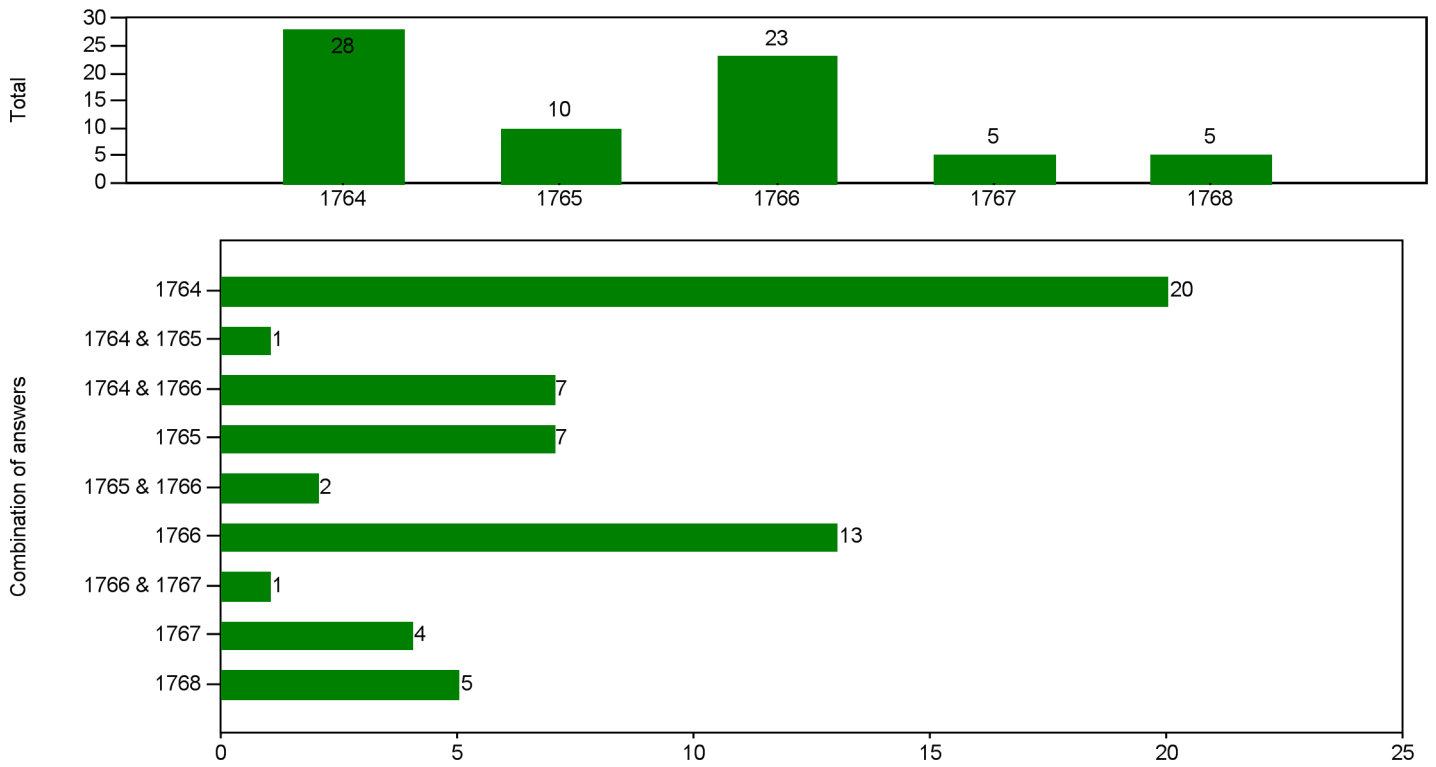
Administration Authorities - Fixed termination



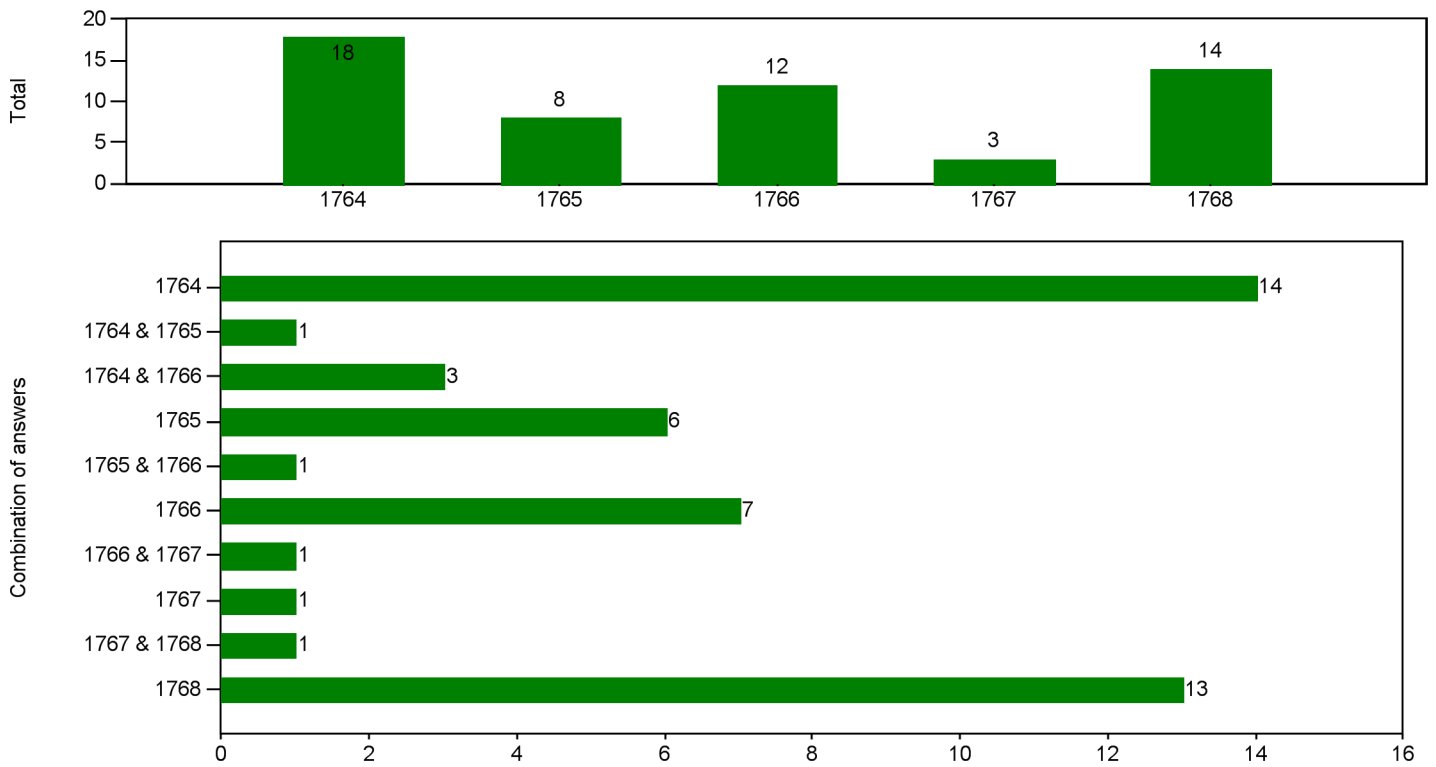
Administration Authorities - Fixed origination



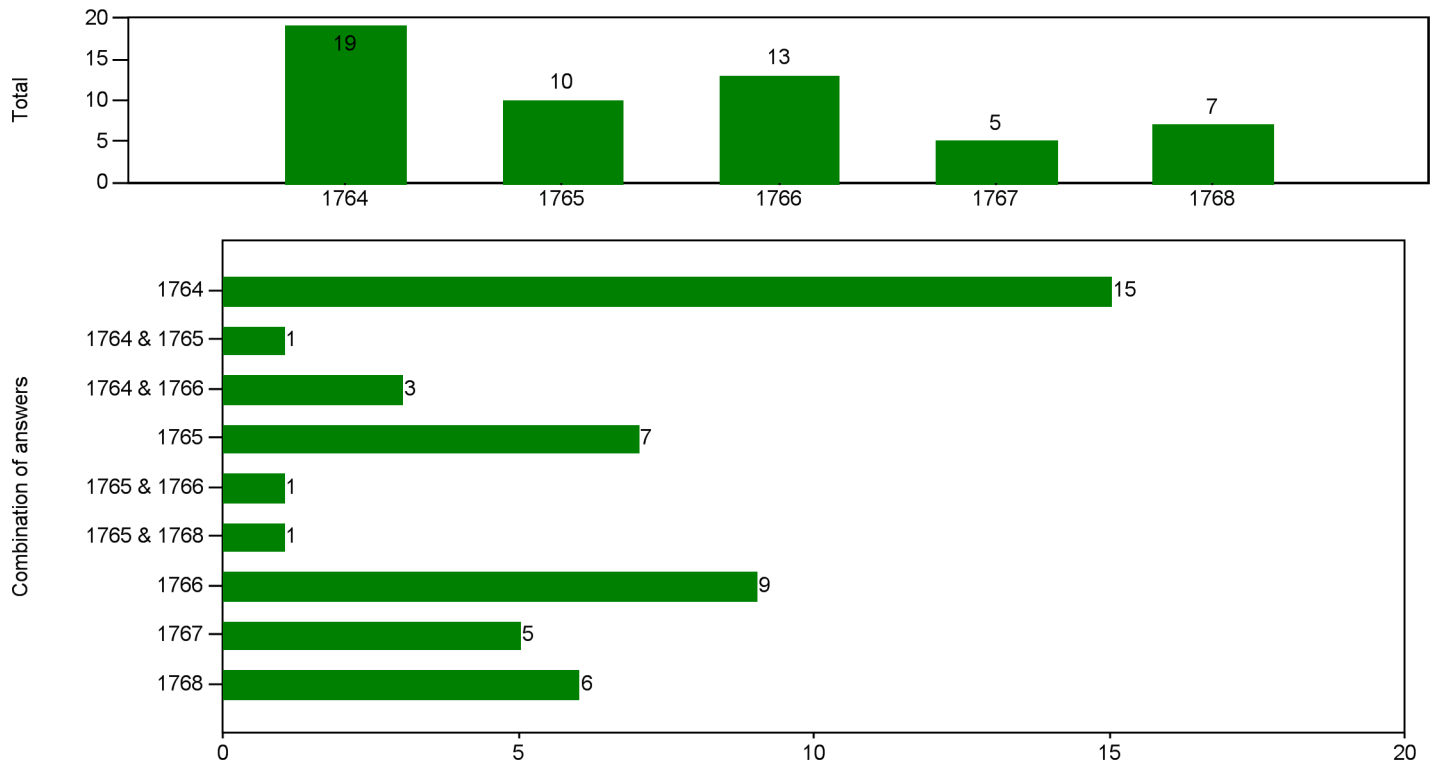
Administration Authorities - Mobile termination



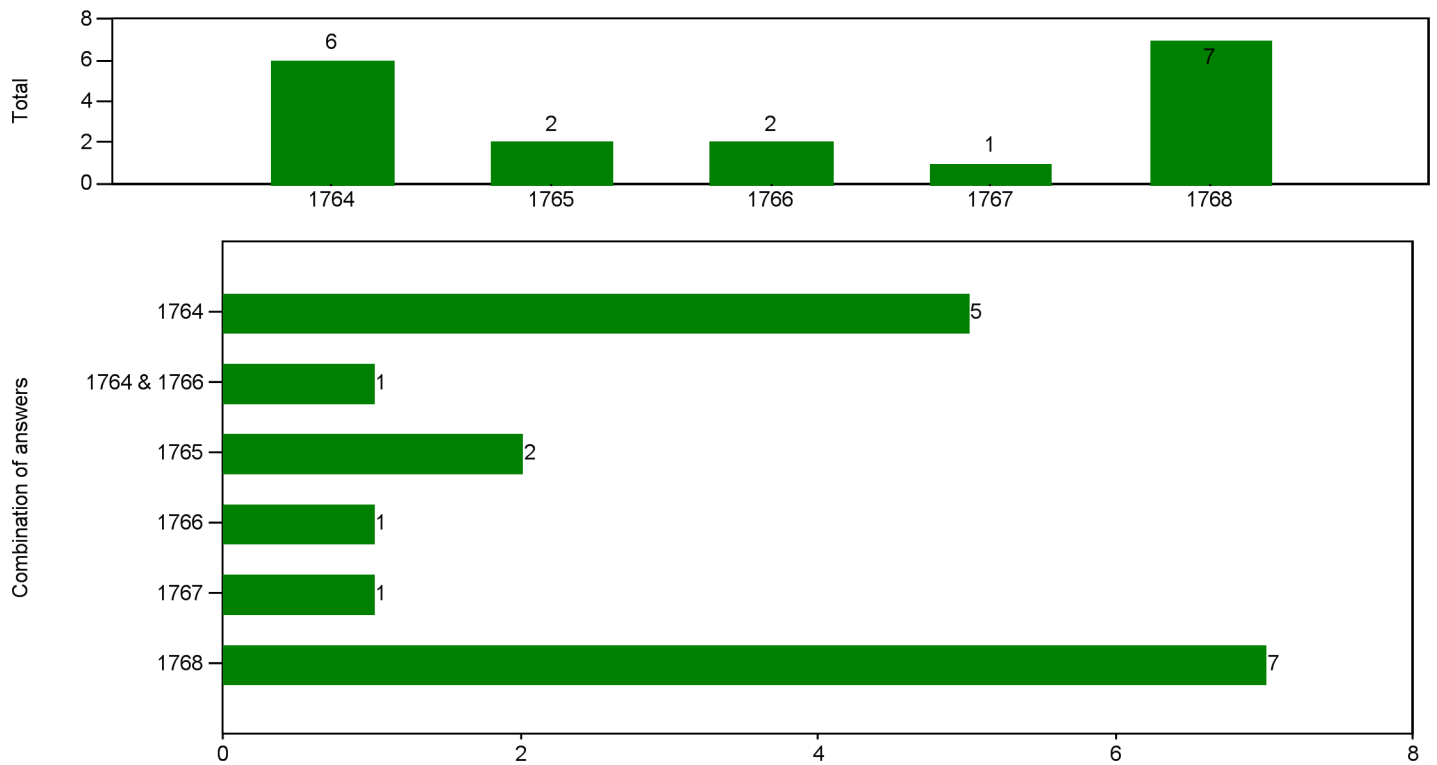
Administration Authorities - Mobile origination



Administration Authorities - National transit



Administration Authorities - Other (specify below)



5.1.1. If "Other" interconnection price, please specify

The answers to this question are text based.

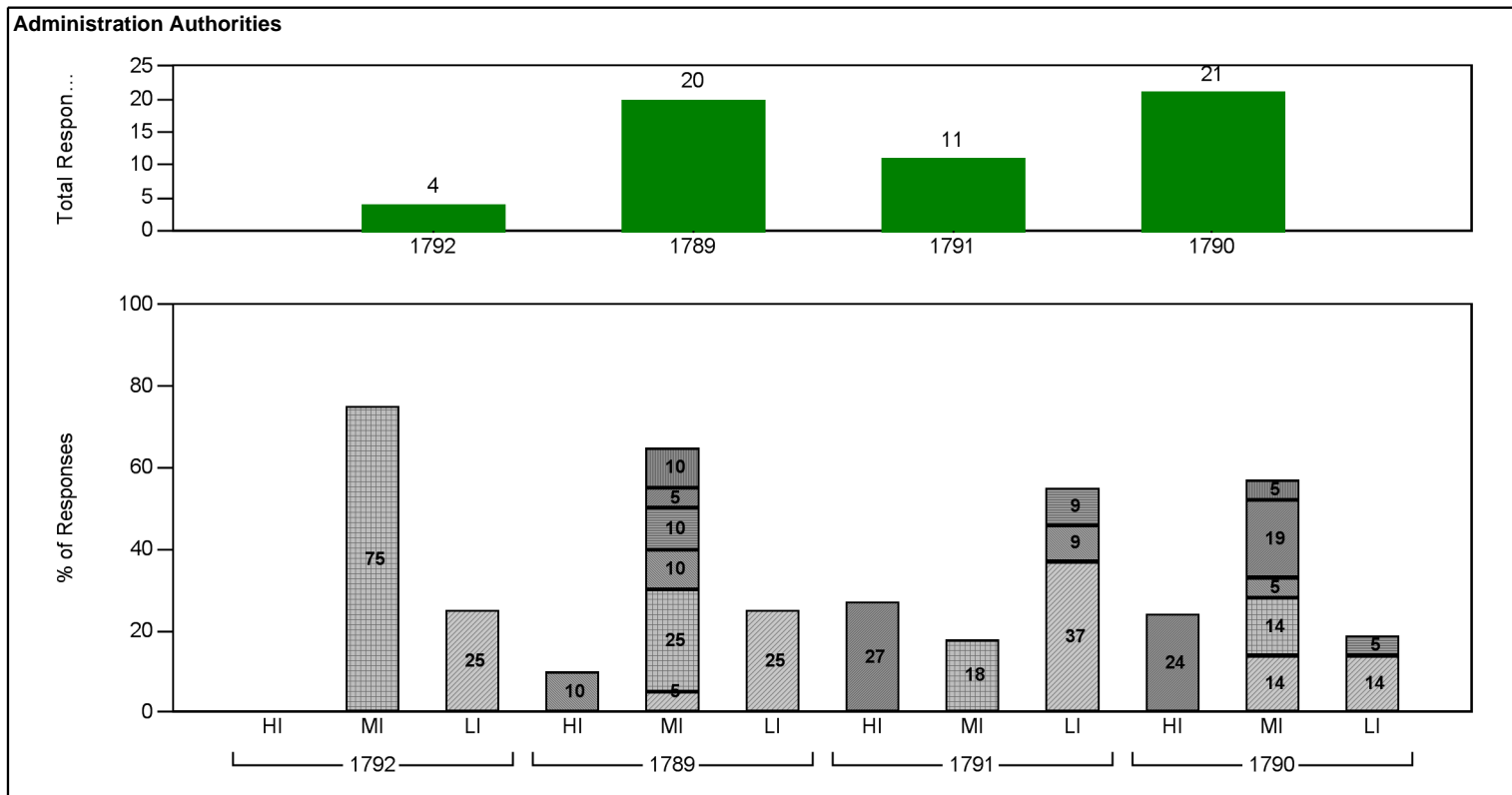
5.1.2. Note:

The answers to this question are text based.

5.2. How many time bands are used for charging purposes?

Only one answer possible:

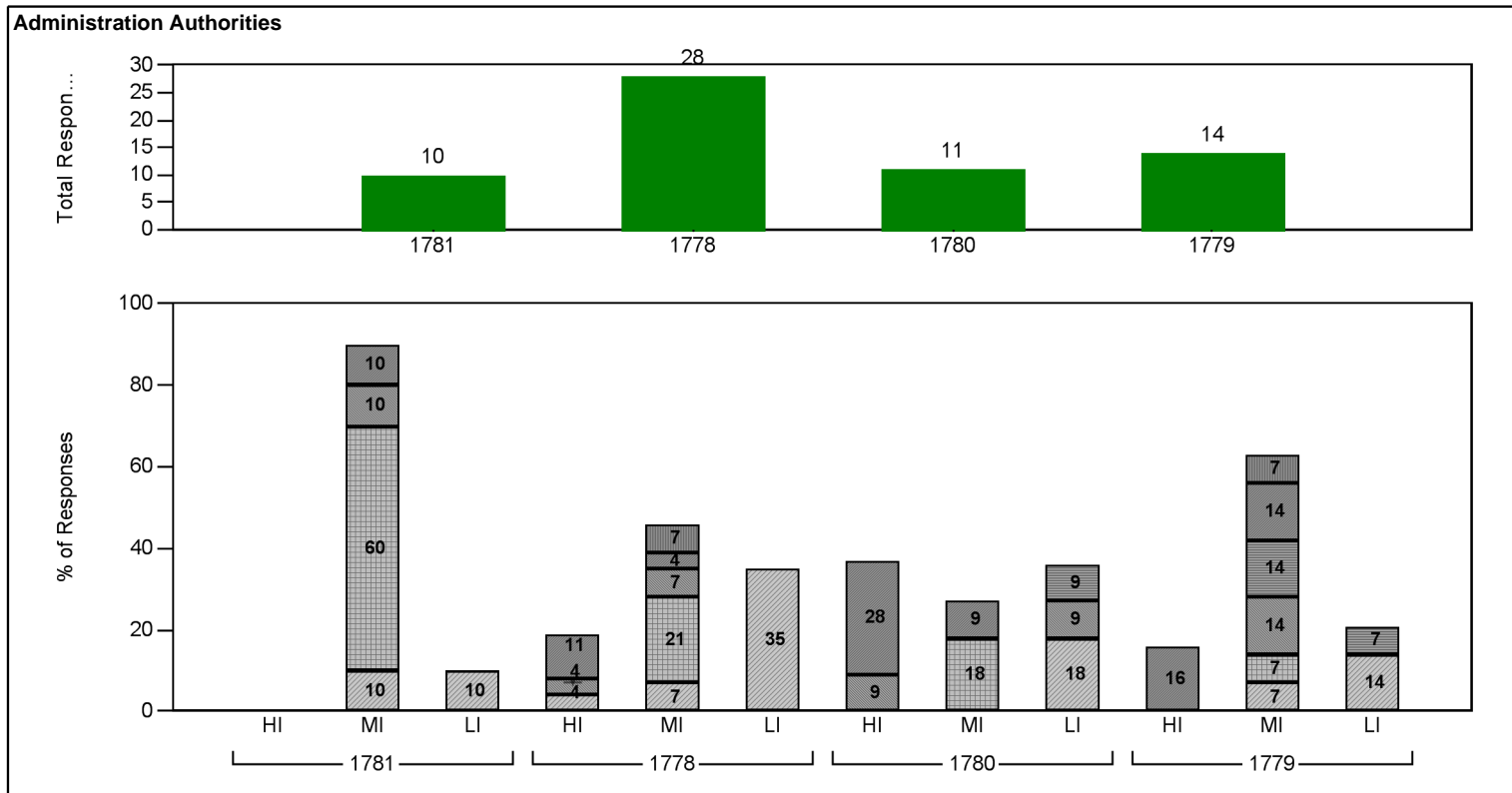
- 1789 One
- 1790 Two
- 1791 Three
- 1792 More than three



5.3. How many national tariff zones are there in your country?

Only one answer possible:

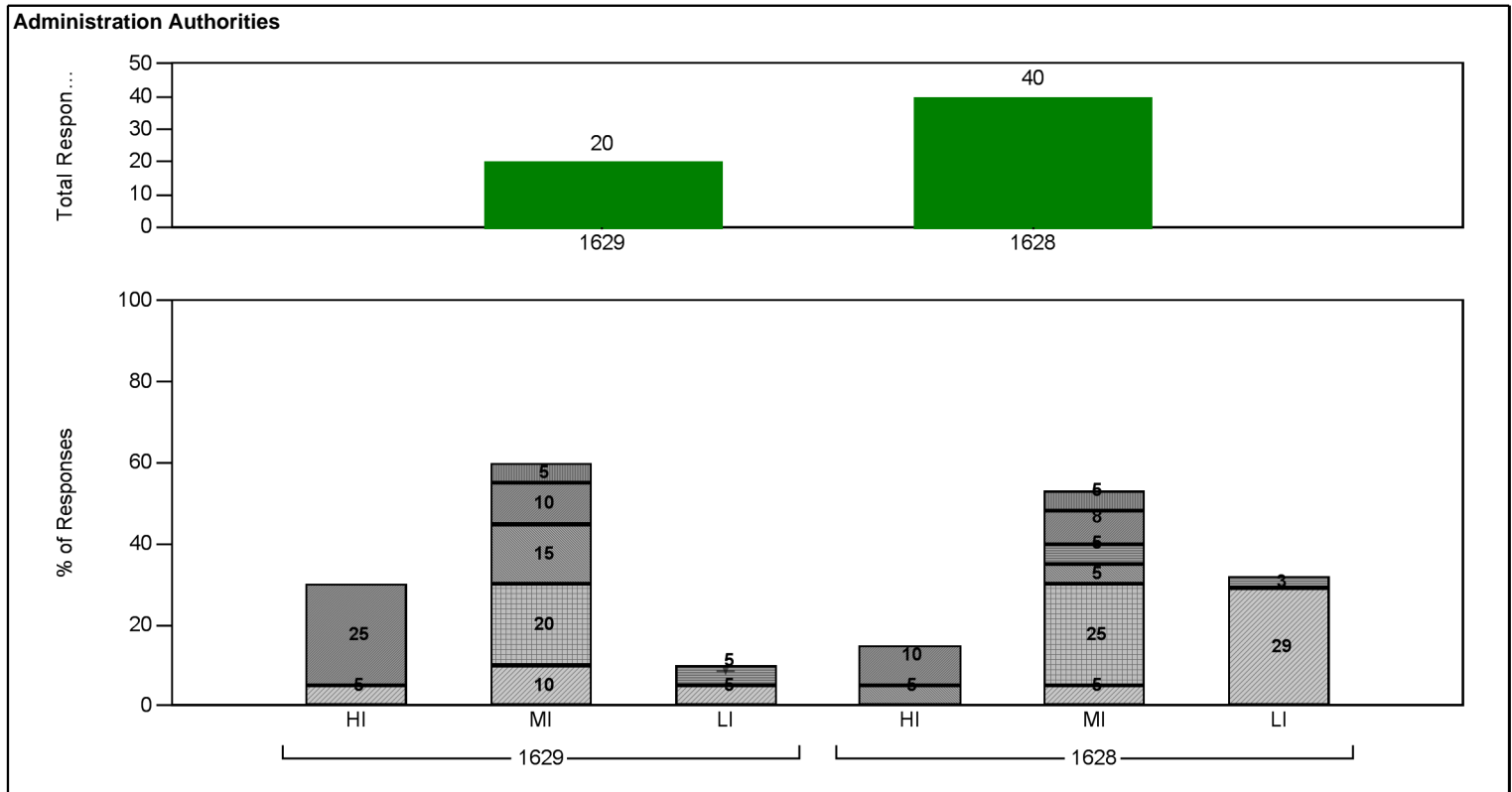
- 1778 One
- 1779 Two
- 1780 Three
- 1781 More than three



5.4. What kind of interconnection charging principle has been adopted by your country?

Only one answer possible:

- 1628 Symmetric
- 1629 Asymmetric



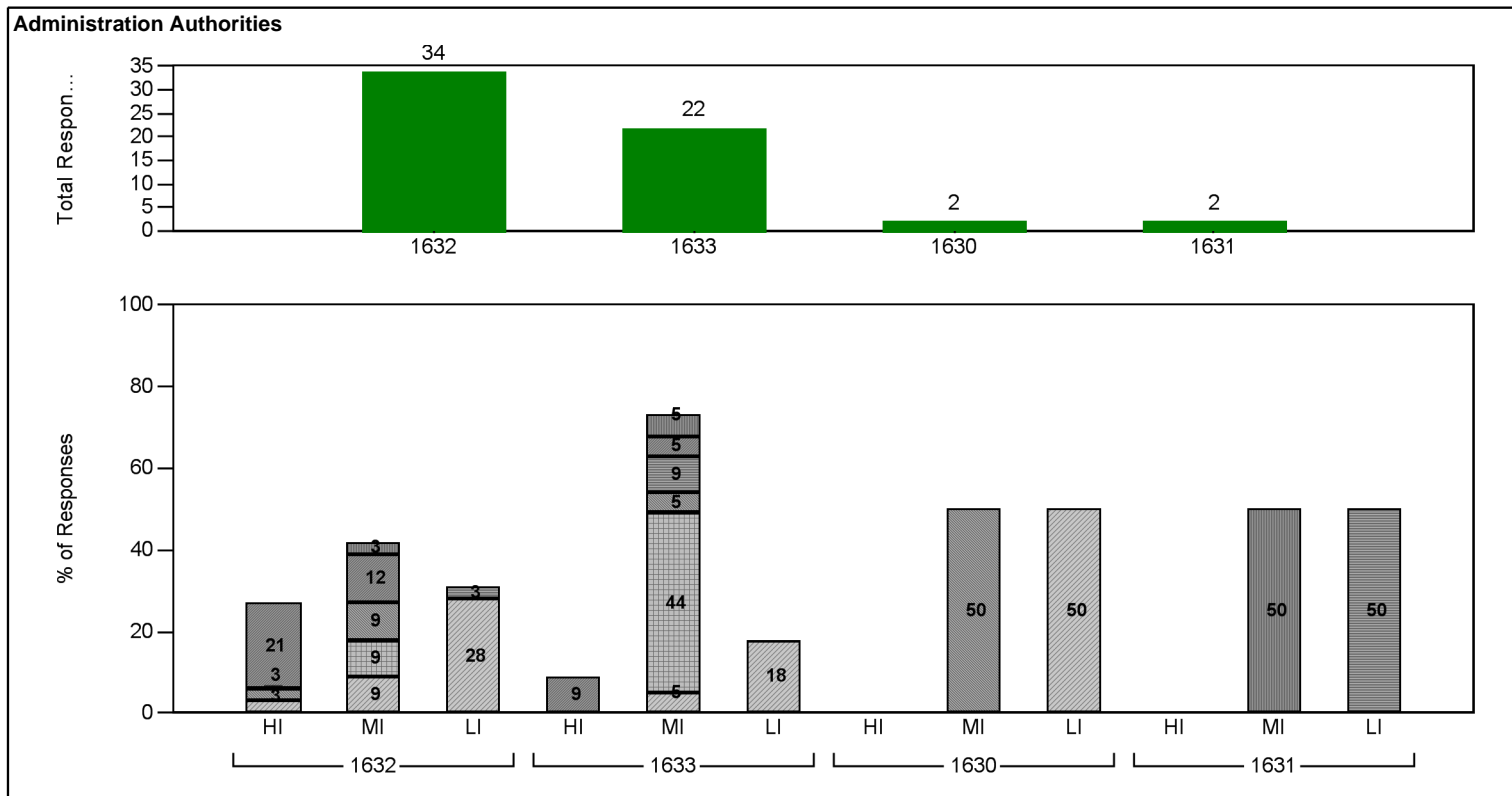
5.4.2. If asymmetric, on what basis is asymmetry decided? (E.g. number of subscribers, revenues, universal access policy, etc.)

The answers to this question are text based.

5.5. How often are the interconnection charges reviewed?

Only one answer possible:

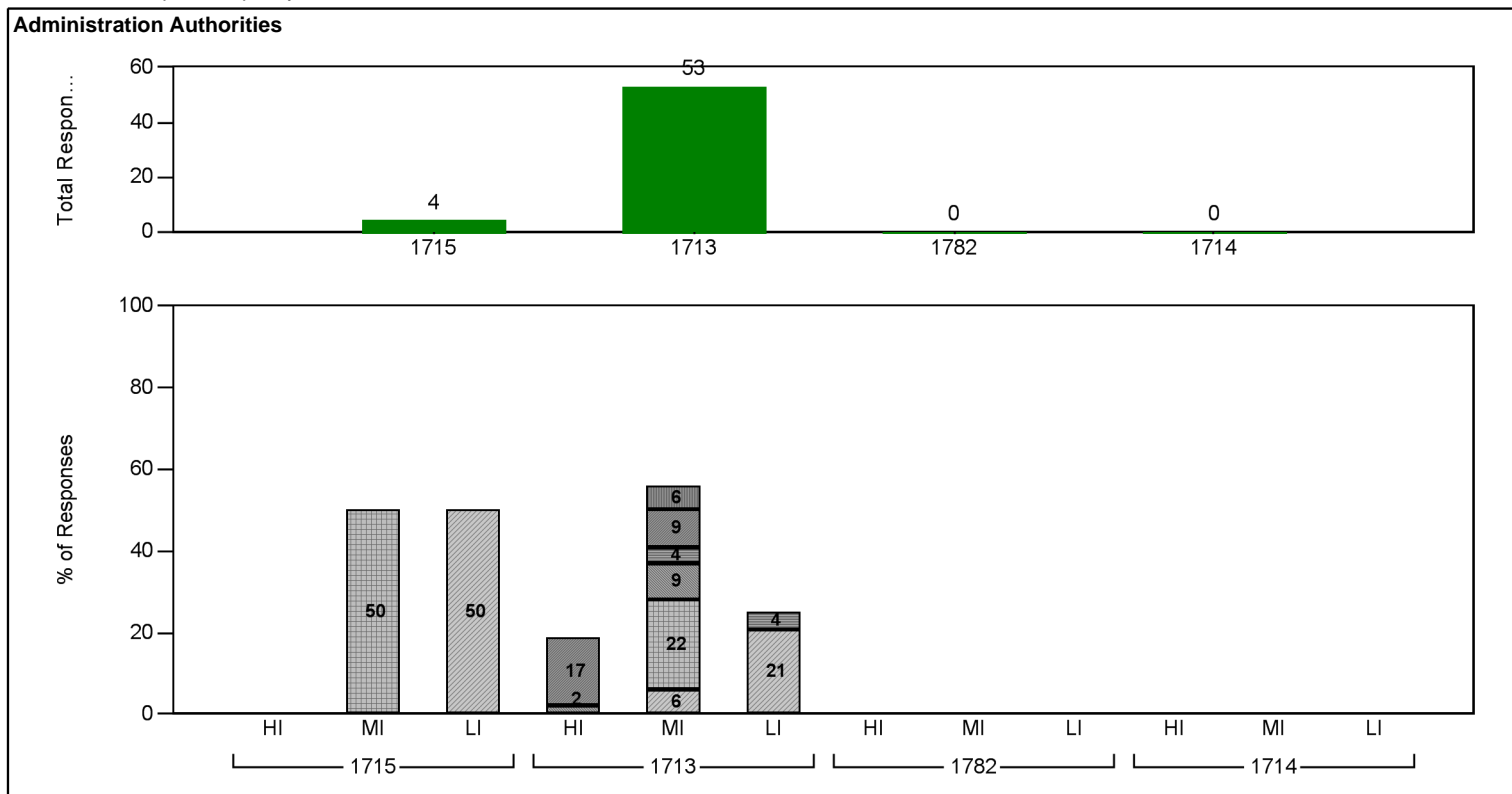
- 1630 Quarterly
- 1631 Semi-annually
- 1632 Annually
- 1633 Less frequent, please specify



5.6. Which charging regime for interconnection services is applied in your country?

Only one answer possible:

- 1713 Calling Party's Network Pays (CPNP)
- 1714 Receiving Party's Network Pays (RPNP)
- 1715 Bill and Keep (Sender Keep All)
- 1782 Other, please specify



5.7. Please indicate the website where interconnection prices are publicly available.

The answers to this question are text based.

5.1. Terminating calls on incumbent's fixed network: 1.

5.1.1.1. Local level

The answers to this question are text based.

5.1.1.2. Single transit (metropolitan)

The answers to this question are text based.

5.1.1.3. Double transit (national)

The answers to this question are text based.

5.1. Terminating calls on other fixed networks: 2.

5.1.2.1. Local level

The answers to this question are text based.

5.1.2.2. Single transit (metropolitan)

The answers to this question are text based.

5.1.2.3. Double transit (national)

The answers to this question are text based.

5.1. Terminating calls on mobile networks: 3.

5.1.3.1. Fixed to mobile

The answers to this question are text based.

5.1.3.2. Mobile to mobile

The answers to this question are text based.

6. Concept of dominance

6.1. Is the concept of "dominance" or Significant Market Power (SMP) defined in your country?

Only one answer possible:

1638 Yes

1639 No

Administration Authorities											
Total answer	Region	Yes				No					
		HI	MI	LI	Total	HI	MI	LI	Total		
18	Africa	0	0	8	8 44%	1	3	6	10 56%		
5	Arab States	2	2	0	4 80%	0	0	1	1 20%		
5	Asia & Pacific	1	1	1	3 60%	0	1	1	2 40%		
3	CIS	0	2	0	2 67%	0	1	0	1 33%		
16	Europe	10	6	0	16 100%	0	0	0	0 0%		
17	The Americas	0	13	0	13 76%	0	4	0	4 24%		
64					46 72%				18 28%		

6.2. How do you define this concept in your country?

The answers to this question are text based.

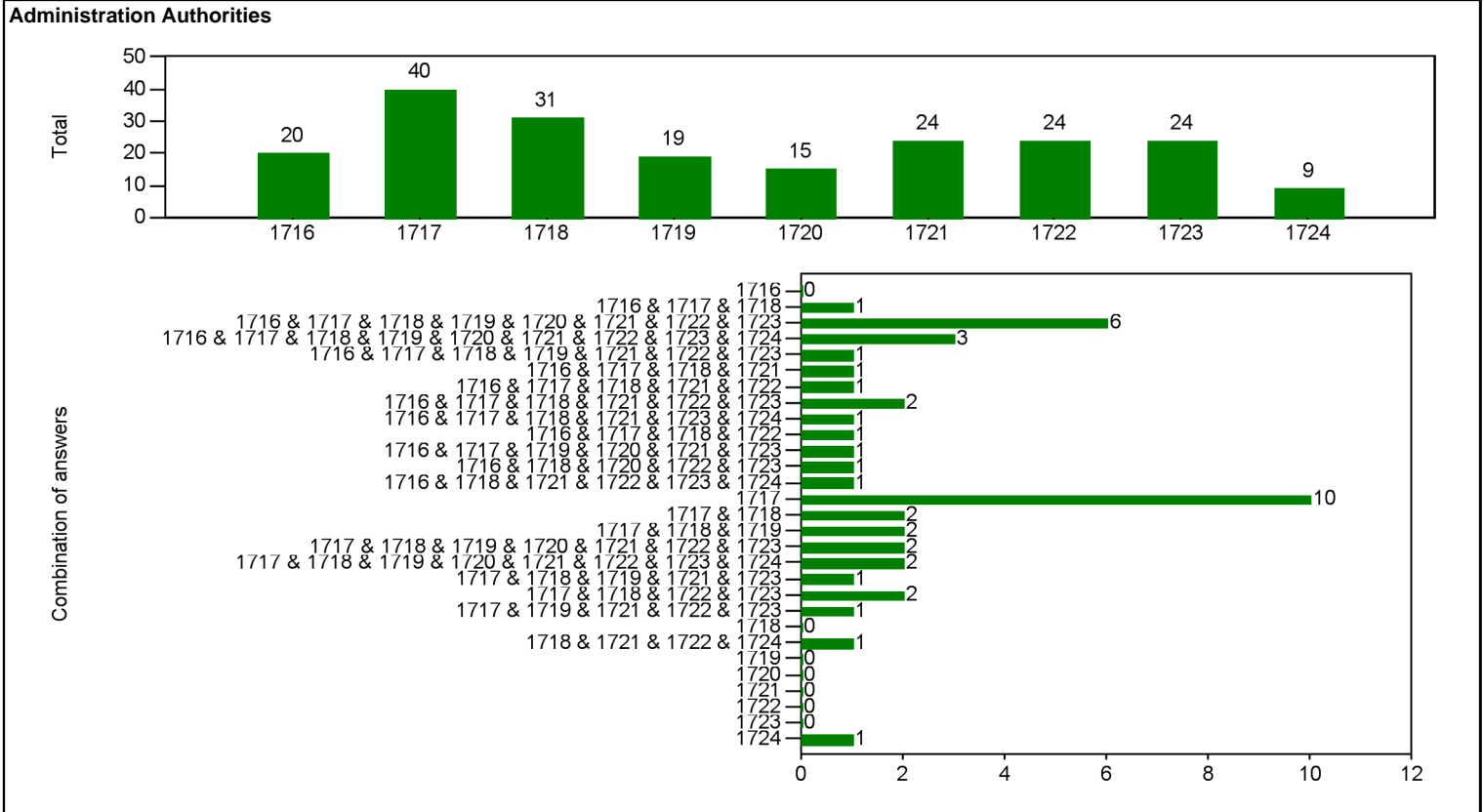
6.3. In what legal instruments (legislation in force) is the concept defined? Please indicate the relevant website, where it is made available.

The answers to this question are text based.

6.4. What criteria are used in determining "dominance" or SMP?

Multiple answers possible:

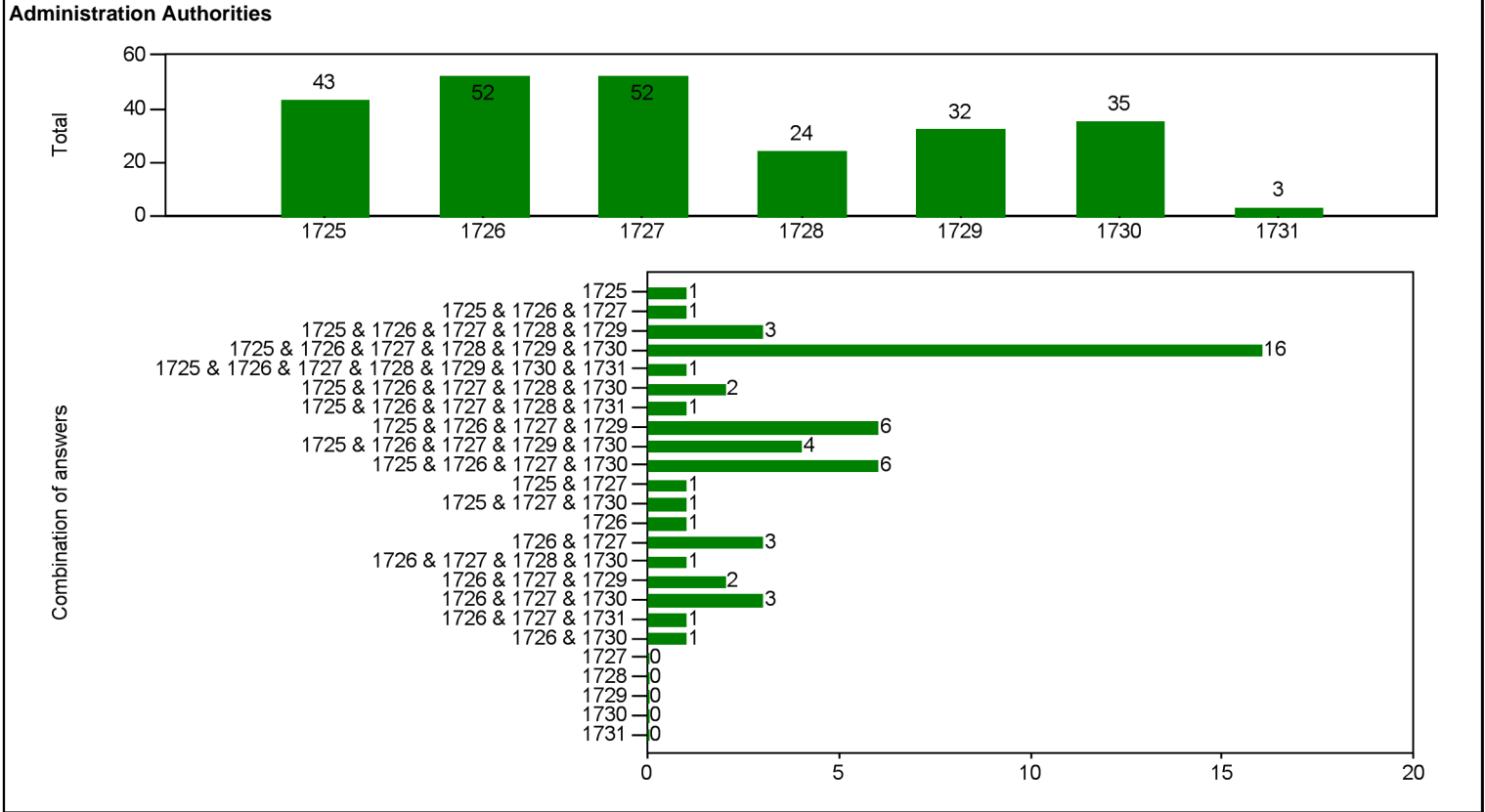
- 1716 Geographical
- 1717 Market share in terms of number of subscribers (or revenues) for the type of market in question (specify in %) :
- 1718 Control of essential facilities allowing access to the end user
- 1719 Easy access to financial resources
- 1720 The strength of the countervailing power of consumers
- 1721 Economies of scale and scope
- 1722 Barriers to entry
- 1723 Potential competition
- 1724 Other , please specify



6.5. What are the most common ex ante obligations imposed on operators or providers?

Multiple answers possible:

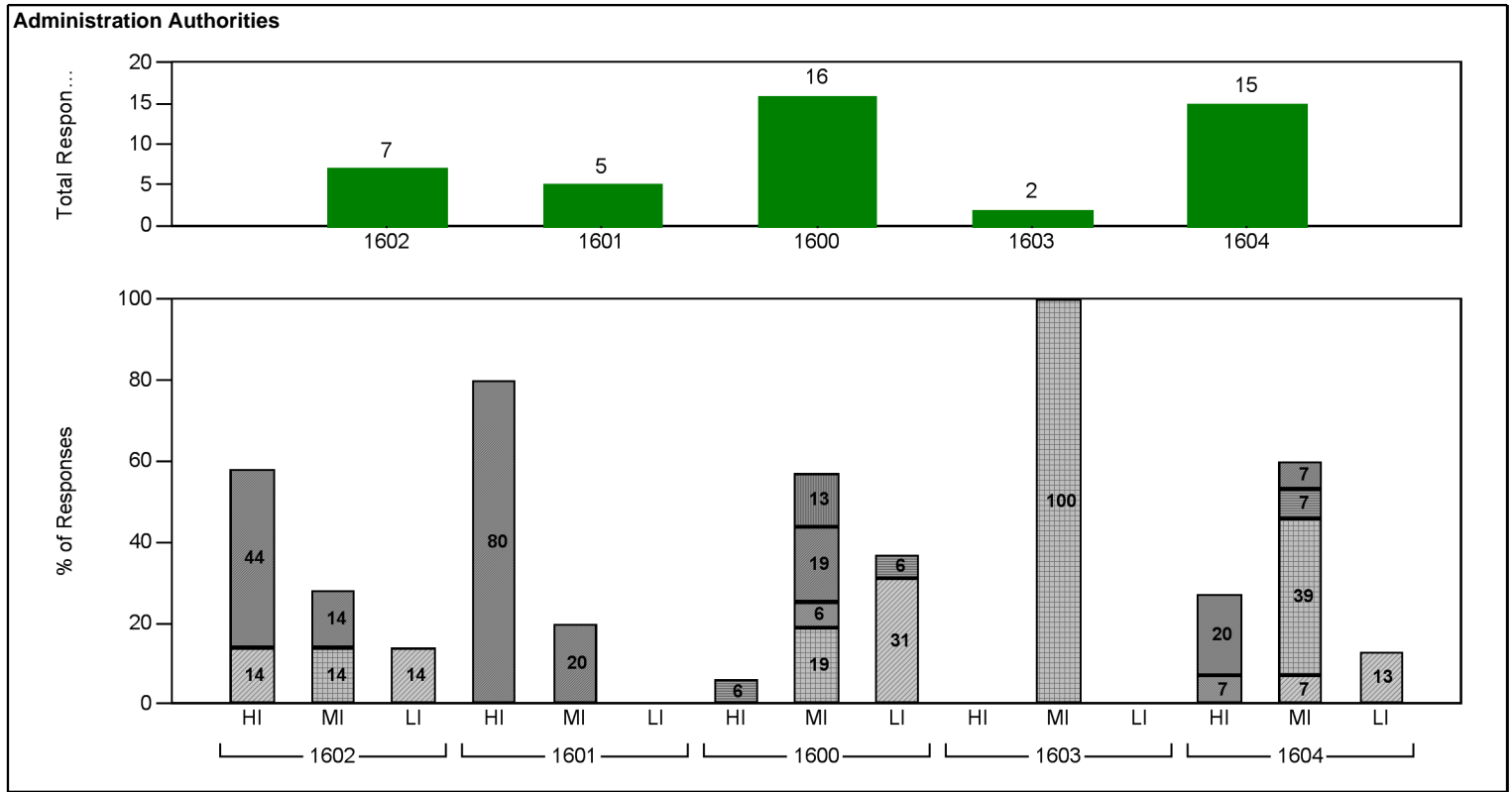
- 1725 Transparency (e.g. publishing RIO and RUO)
- 1726 Non discrimination
- 1727 Interconnection and access obligations
- 1728 Regulatory accounting
- 1729 Accounting separation
- 1730 Price control
- 1731 Other , please specify



6.6. If the status of "dominance" is periodically reviewed, how often does such review take place?

Only one answer possible:

- 1600 Every year
- 1601 Every two years
- 1602 Every three years
- 1603 More than three years
- 1604 Other, please specify



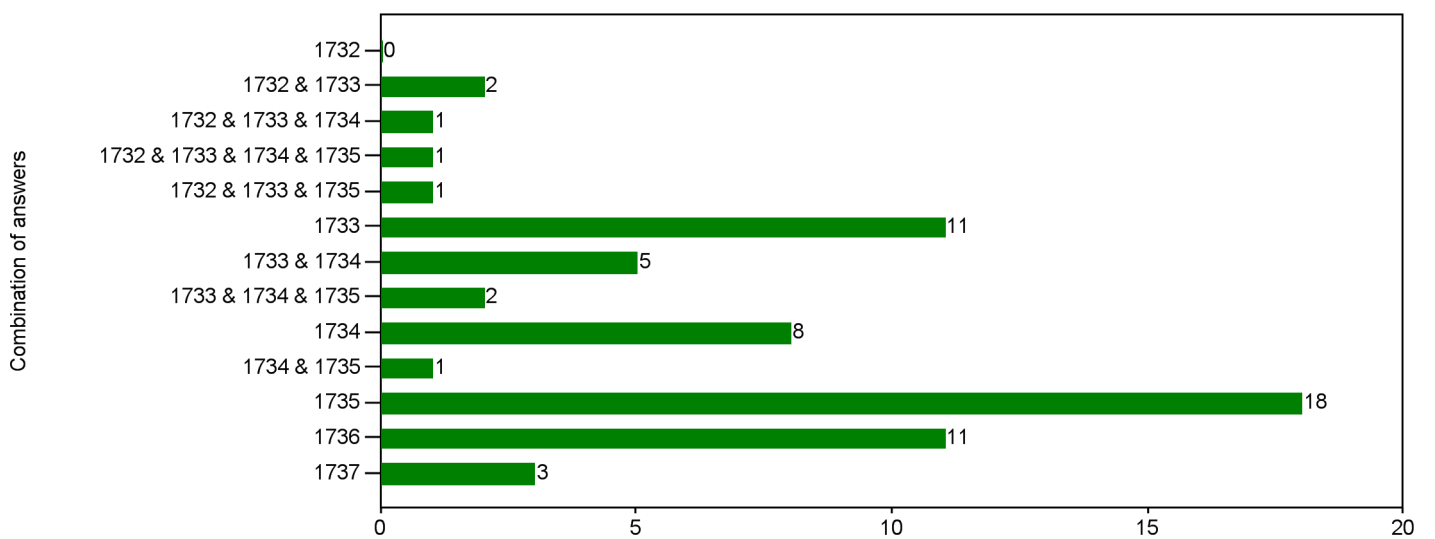
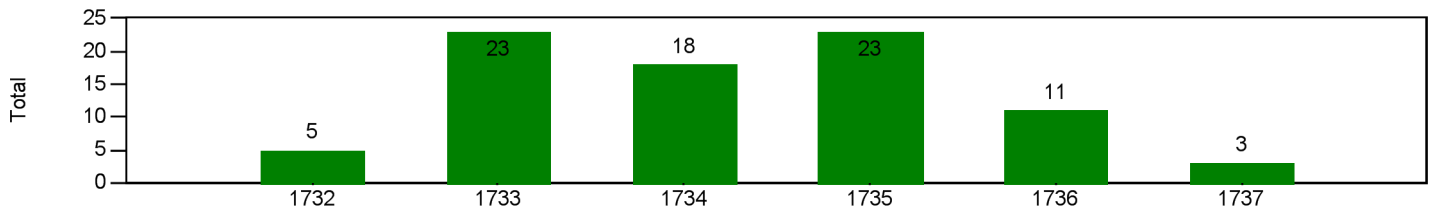
7. Next Generation Networks (NGNs)

7.1. Is any operator in your country planning or currently introducing an NGN system? If YES, at what stage are they?

Multiple answers possible:

- 1732 Feasibility study
- 1733 Planning
- 1734 Introduction
- 1735 Implementation
- 1736 No plans to introduce an NGN system in a short run
- 1737 Other , please specify

Administration Authorities

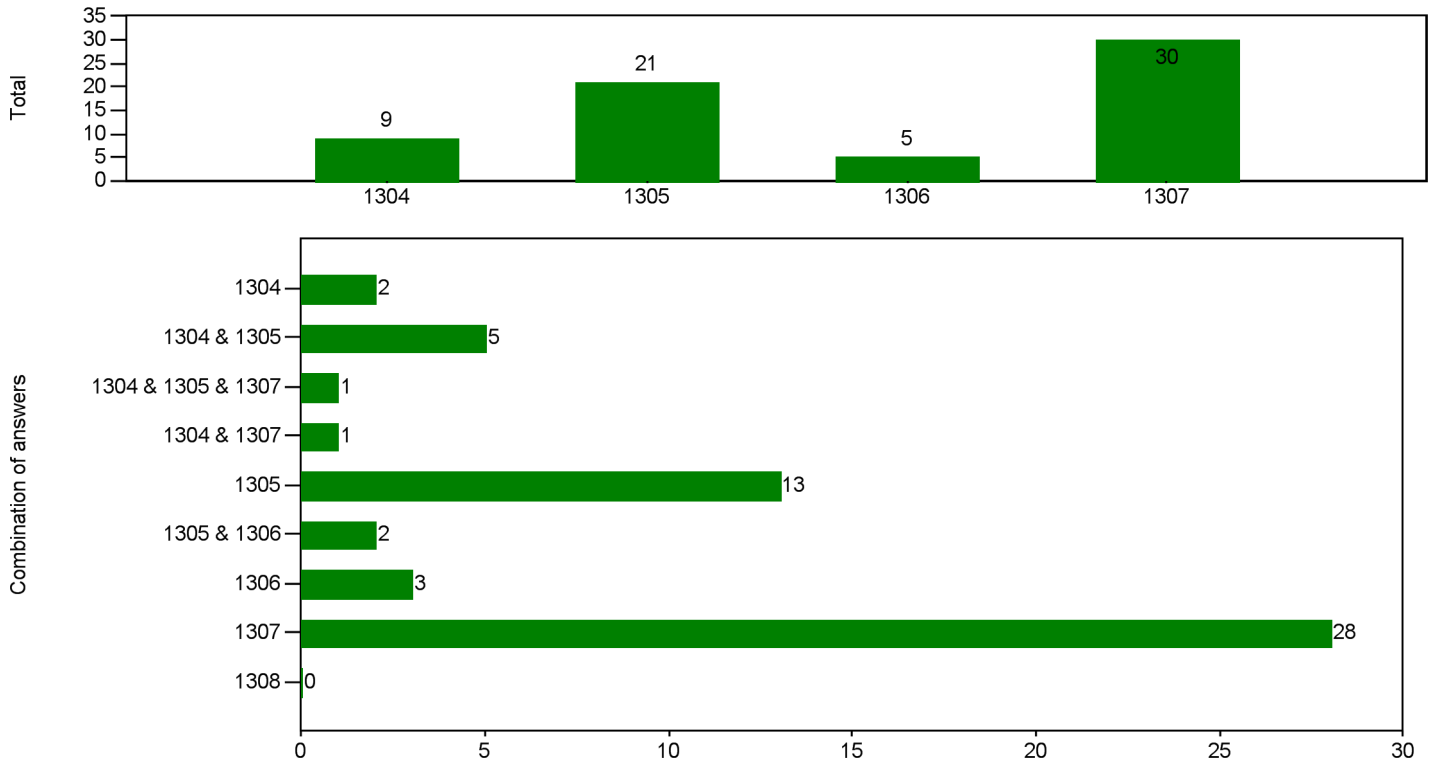


7.2. What regulations, if any, govern the use of IP networks?

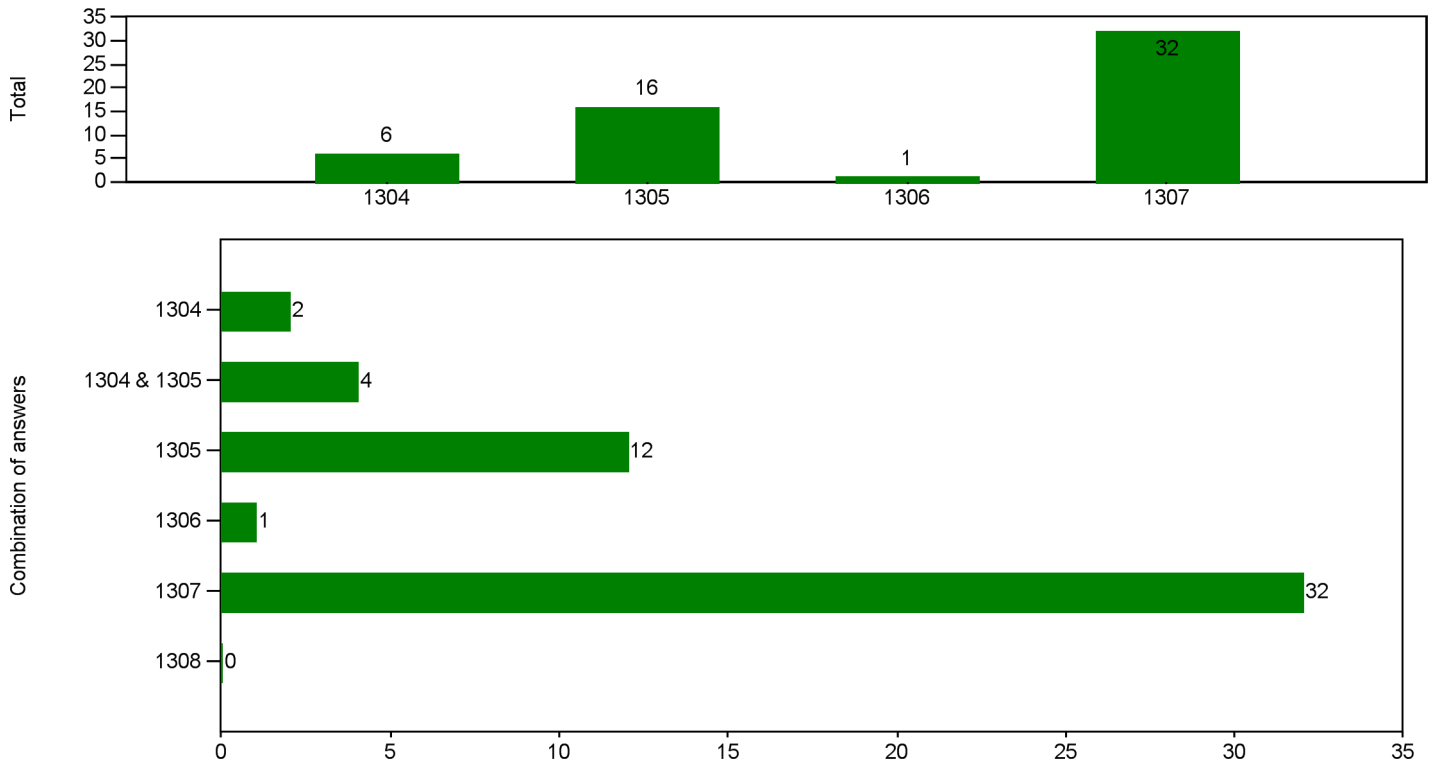
Multiple answers possible:

- 1304 Regulatory arrangements subject to universal service obligations
- 1305 Regulatory interconnection arrangements with networks using switching circuits
- 1306 Banning of services based on IP
- 1307 No regulatory arrangements defined at present
- 1308 Other Other, please specify

Administration Authorities - Voice Service



Administration Authorities - Data Service



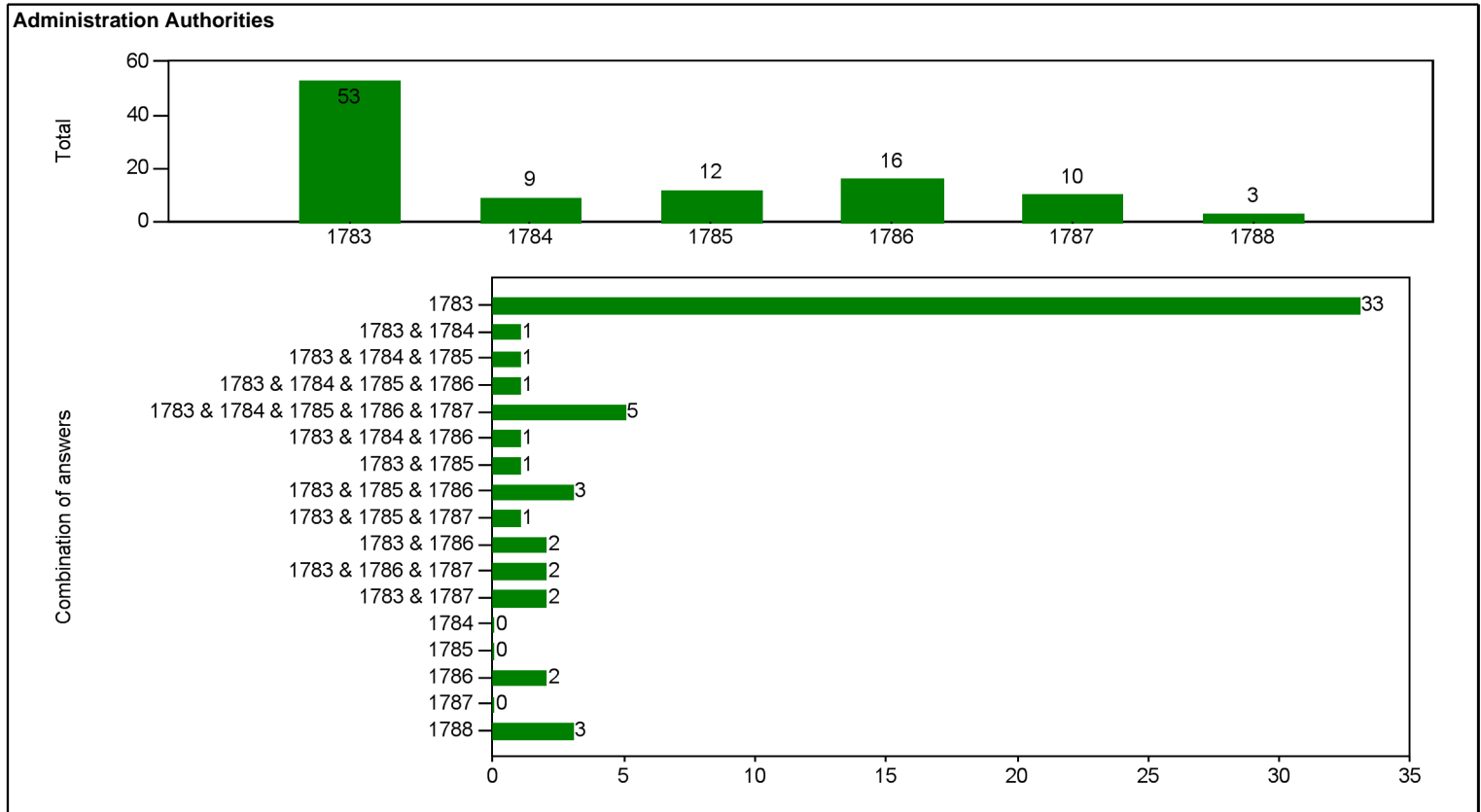
7.2.1. Note:

The answers to this question are text based.

7.3. What sources of finance could be used to deploy IP networks?

Multiple answers possible:

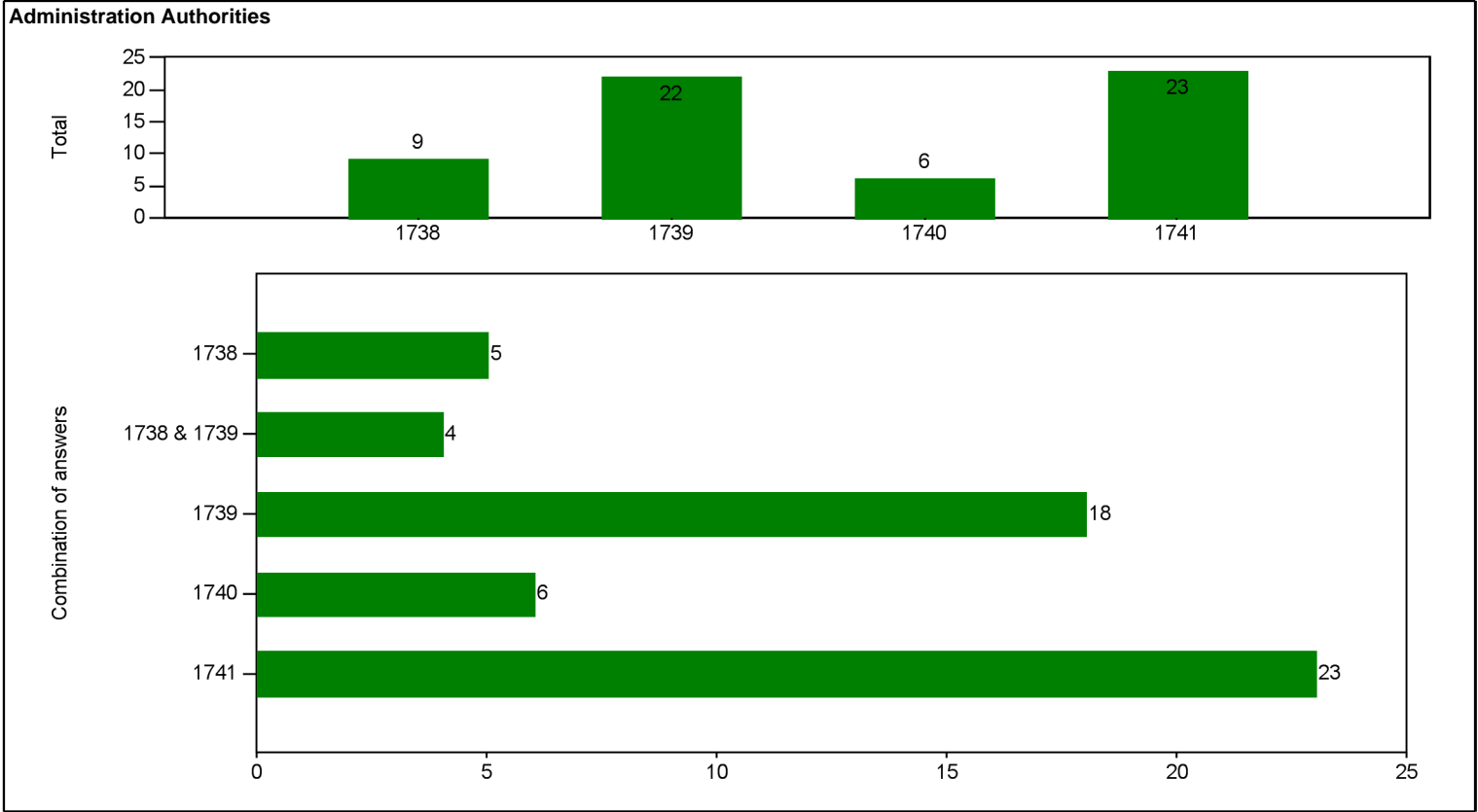
- 1783 Operator's funds
- 1784 State subsidization
- 1785 Joint venture (private sector and public sector)
- 1786 Financed by a financial institution or private bank
- 1787 Special telecommunication development fund
- 1788 Other , please specify



7.4. What cost model is used (or planned) to calculate costs/ tariffs of new services supported by Next Generation Networks (NGNs)?

Multiple answers possible:

- 1738 Fully distributed historical costs model
- 1739 Long run incremental cost model
- 1740 Other, please specify
- 1741 None



8. Site sharing for terrestrial mobile services

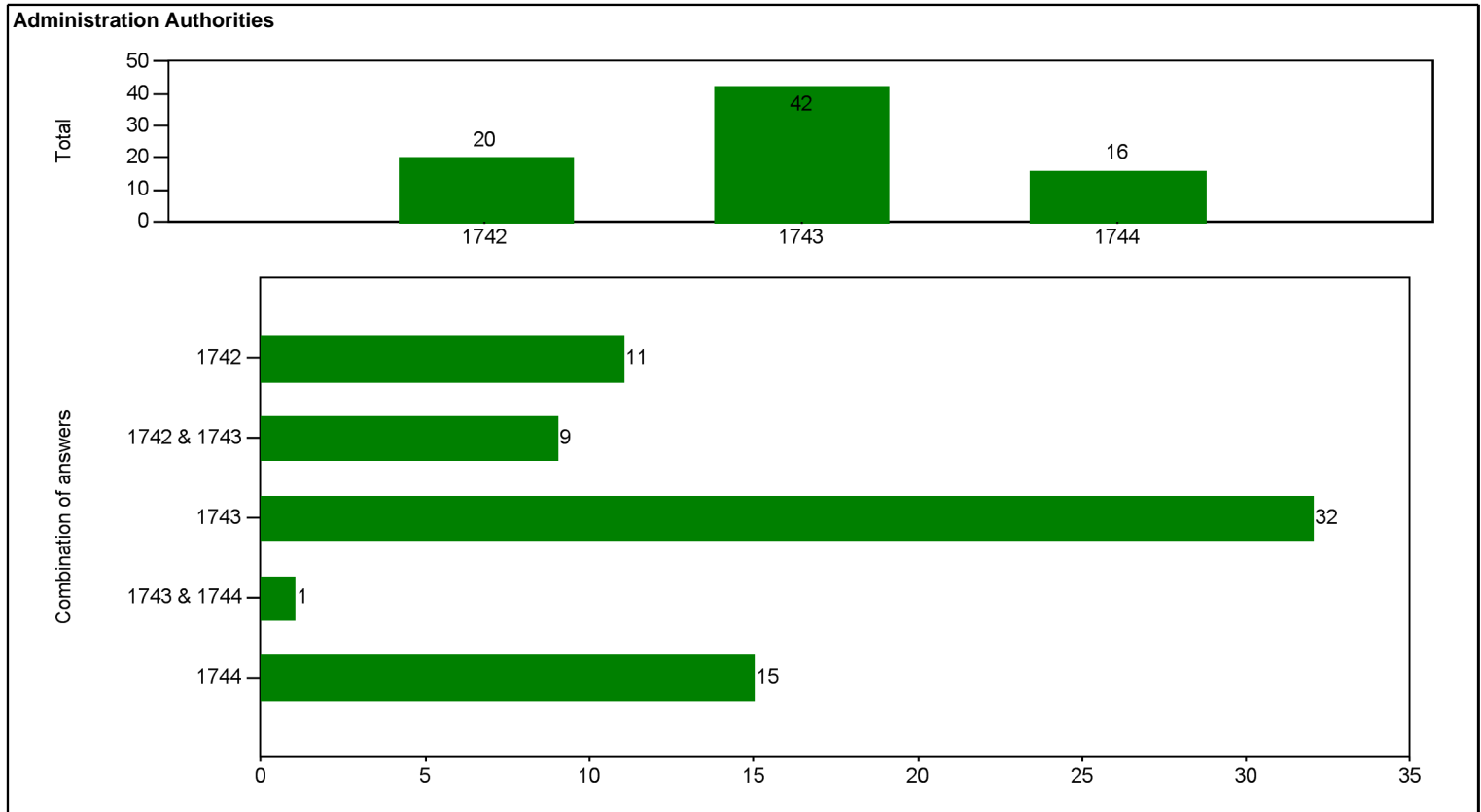
8.1. Is there a regulatory obligation to share sites, or is site sharing agreed directly between the operators of mobile networks?

Multiple answers possible:

1742 Regulatory obligation (mandatory site sharing)

1743 Agreement between operators

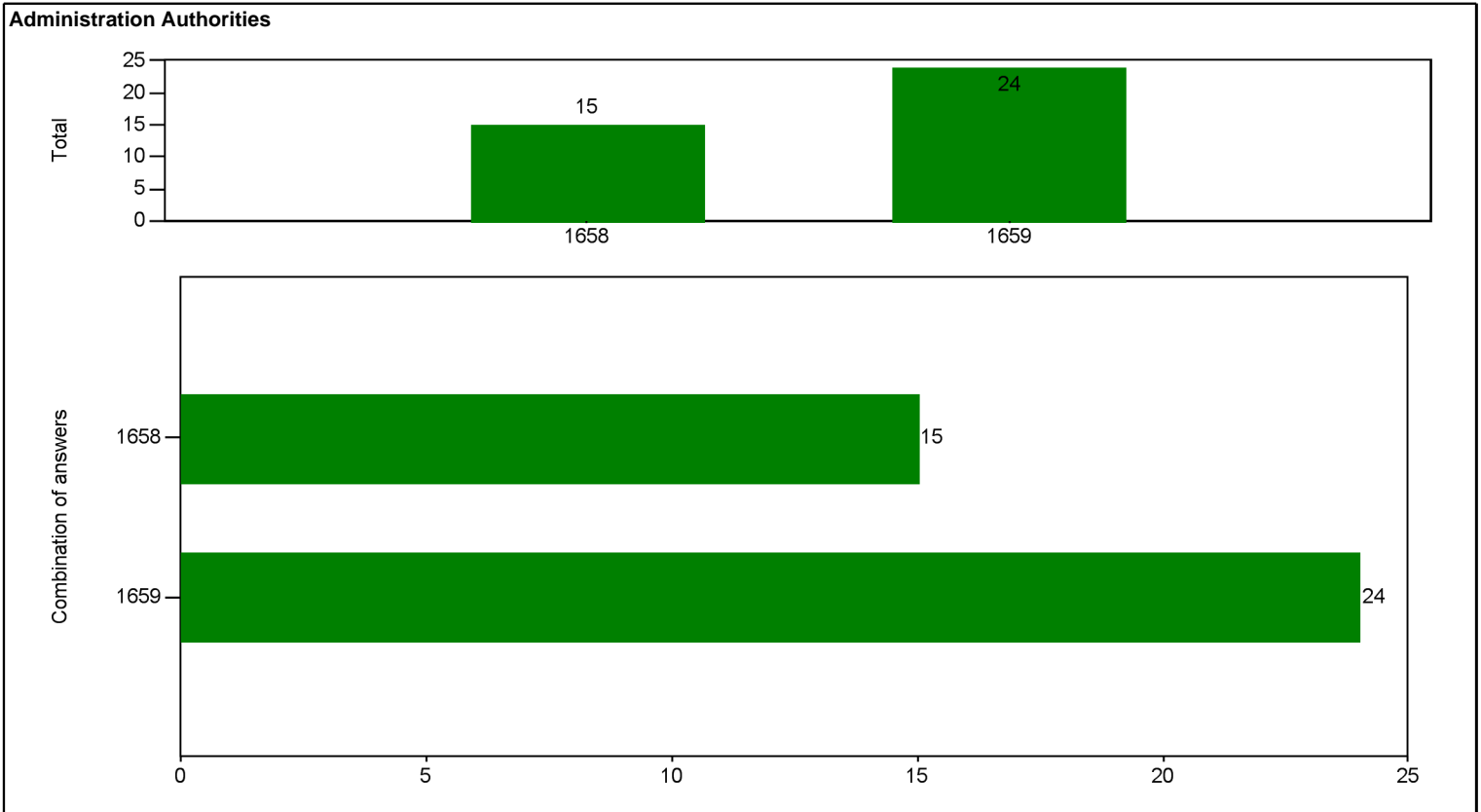
1744 None



8.2. Does the site sharing result in lower prices for end-users?

Multiple answers possible:

- 1658 Yes
- 1659 No



8.3. Please indicate the website, where regulatory obligation on site sharing are publicly available

The answers to this question are text based.