



User's Profile
1st Survey - 2009



Goal

Raising of indicators about:

- The services and products from CPTEC and its applicabilities.
- The user's profile from the CPTEC.

Justification

The CPTEC doesn't know the profile, the needs and expectations from its users.

The Ministry of Science and Technology itself - MCT (2001) indicates the need for knowledge about the user's profile of services in order to improve the quality of them.

Benefits

Support the CPTEC management, always focusing on the users, on planning and on the taking of decisions, looking for economical and financial resources, on definitions of strategies, on revision of the current services and products, and on the creation of others.



User's Profile

1st Survey - 2009



Made by: CG / CPTEC / INPE

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Responsible for the Survey: Luiz Tadeu da Silva

Work Field: from 11/24/2009 to 02/28/2010

Survey Forms: Eletronic and printed forms on Portuguese, English and Spanish versions.



User's Profile
1st Survey - 2009



Greatfulness

Development

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Precision adopted for exhibition of percentages

On frames and grafics, one decimal fraction.

Such precision may cause the addition of percentages different from 100% for a same variable.

Data displayed in graphs

The six first data will be normally identified and its exhibition will be in descending order.

The others will be added, identified and shown as "Others".

When abroad appears, the data will be added and shown as "Abroad".

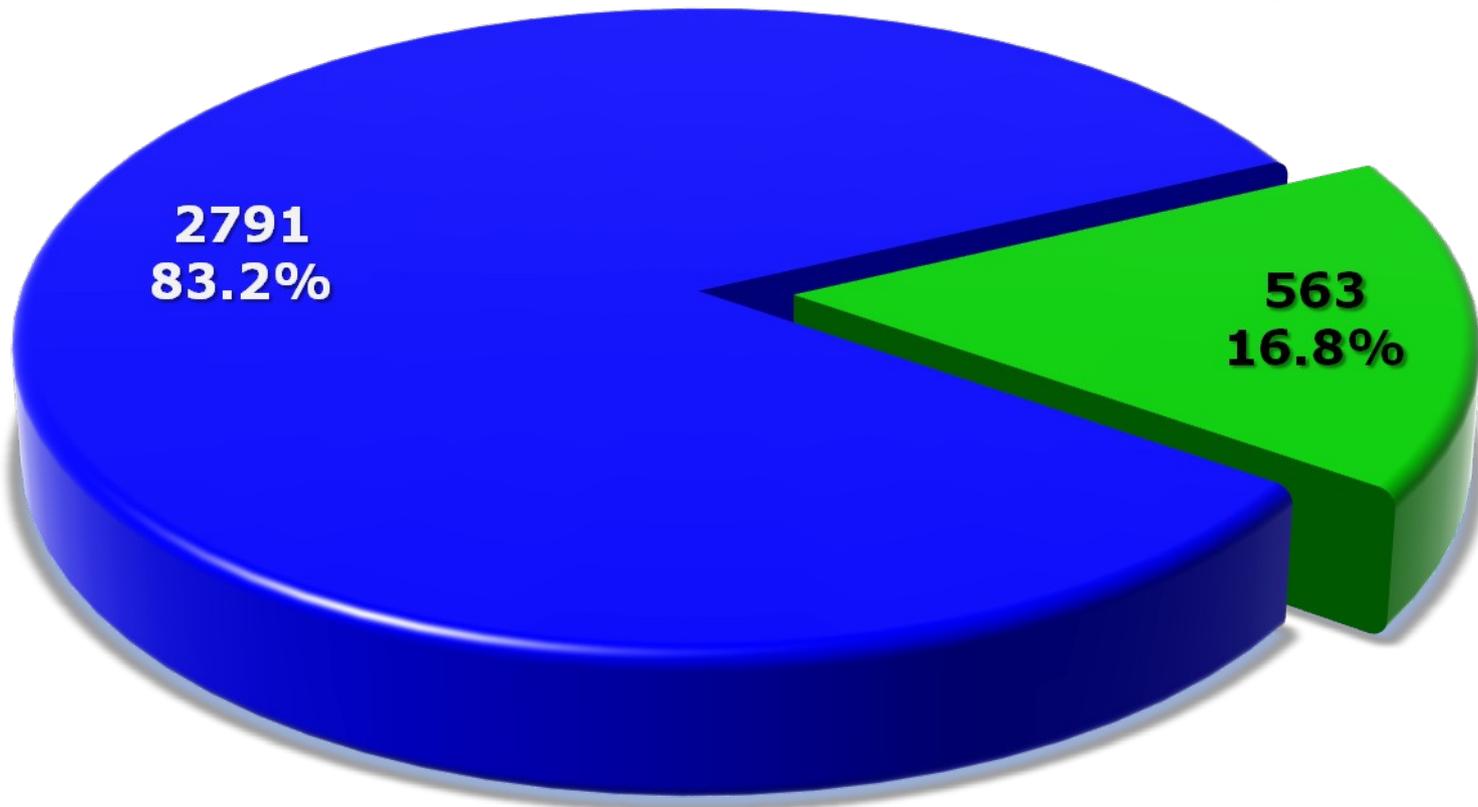
Sample error and trustworthiness level

Sample error calculated: 1.6% for more or less.

Trustworthiness level about the results of the survey: 95.5%.

Initial Sample

**Total
3354**

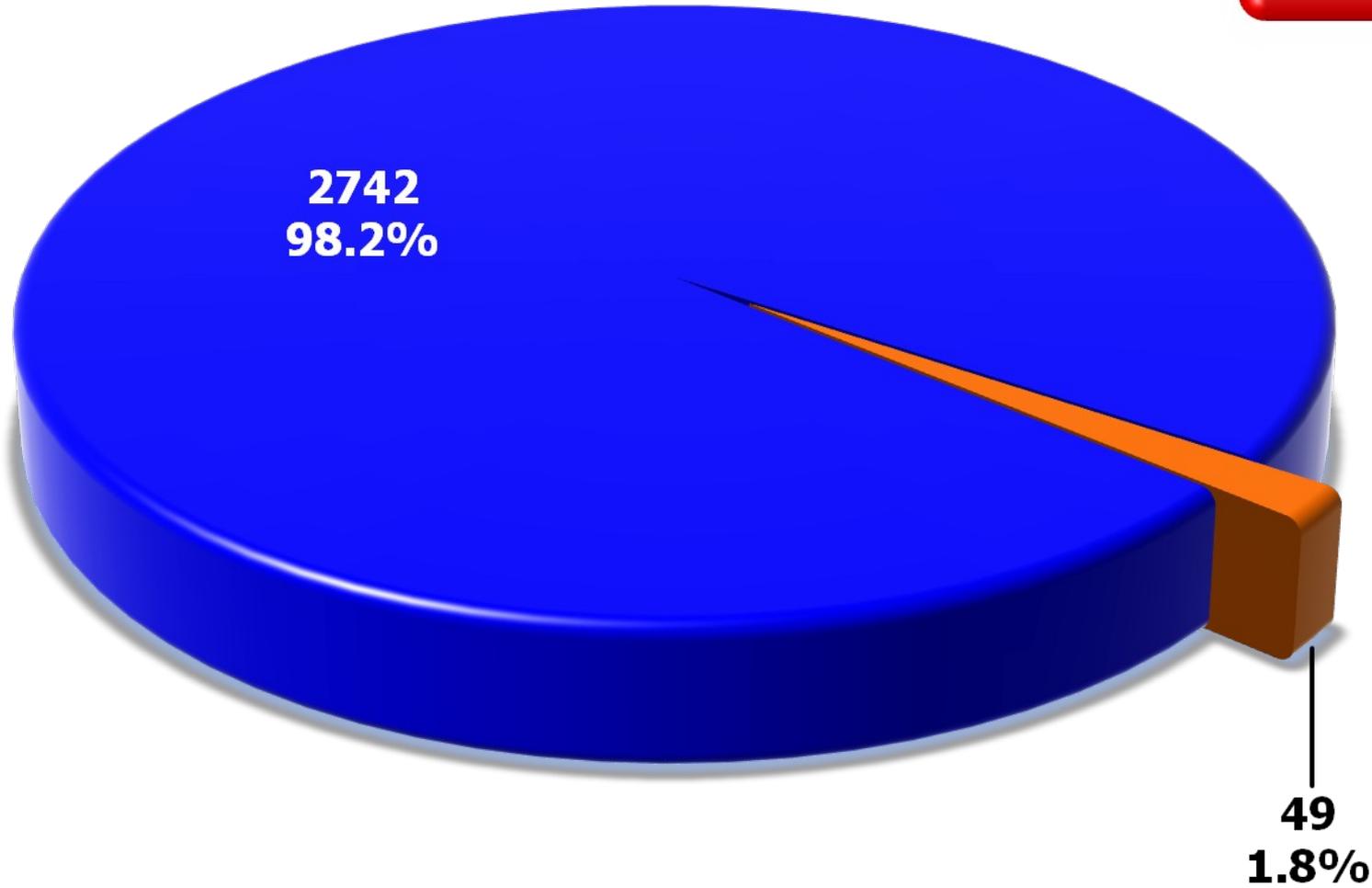


■ Forms answered completely

■ Forms answered partially

Effective sample

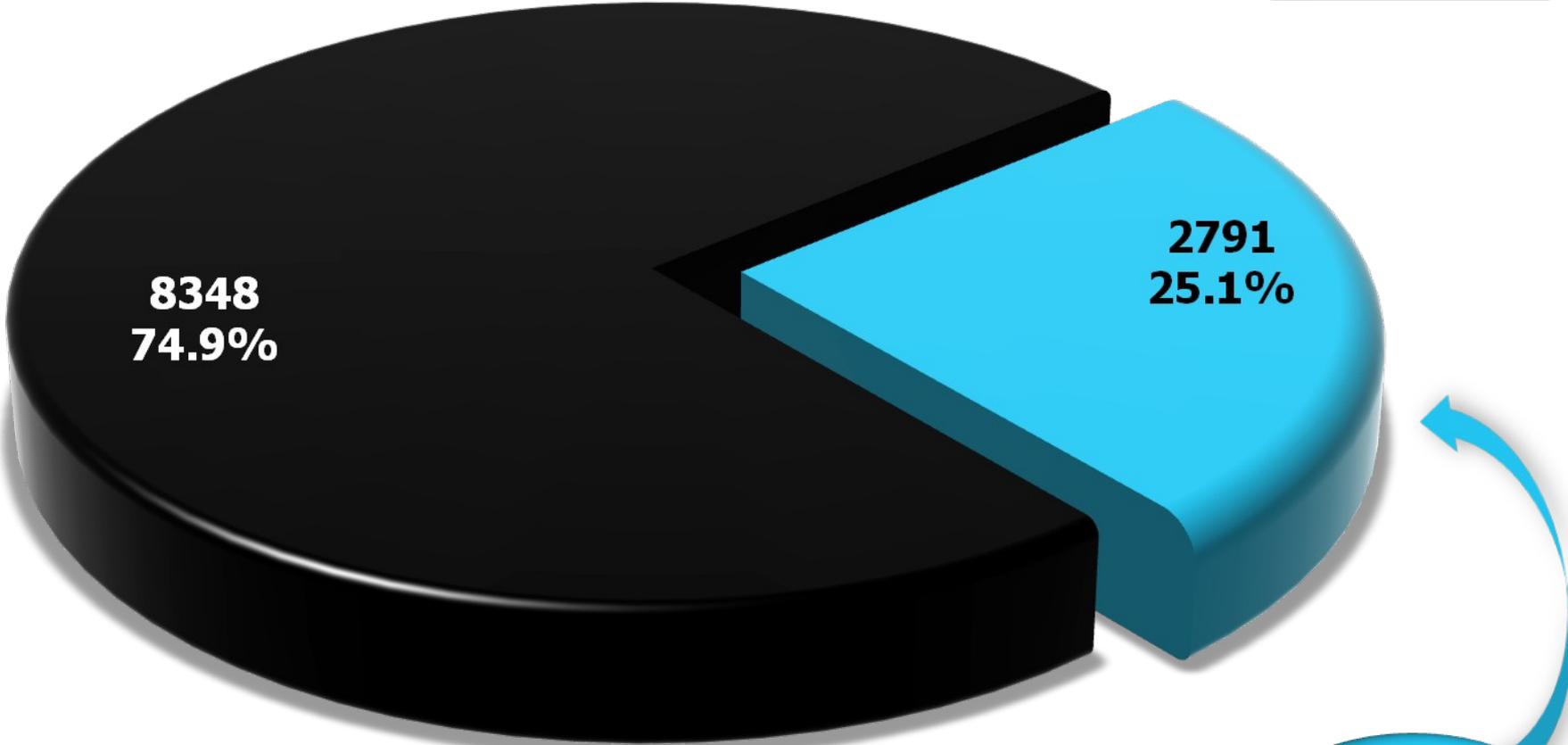
2791



■ Individual ■ Company

Universe and efective sample

Total
11139

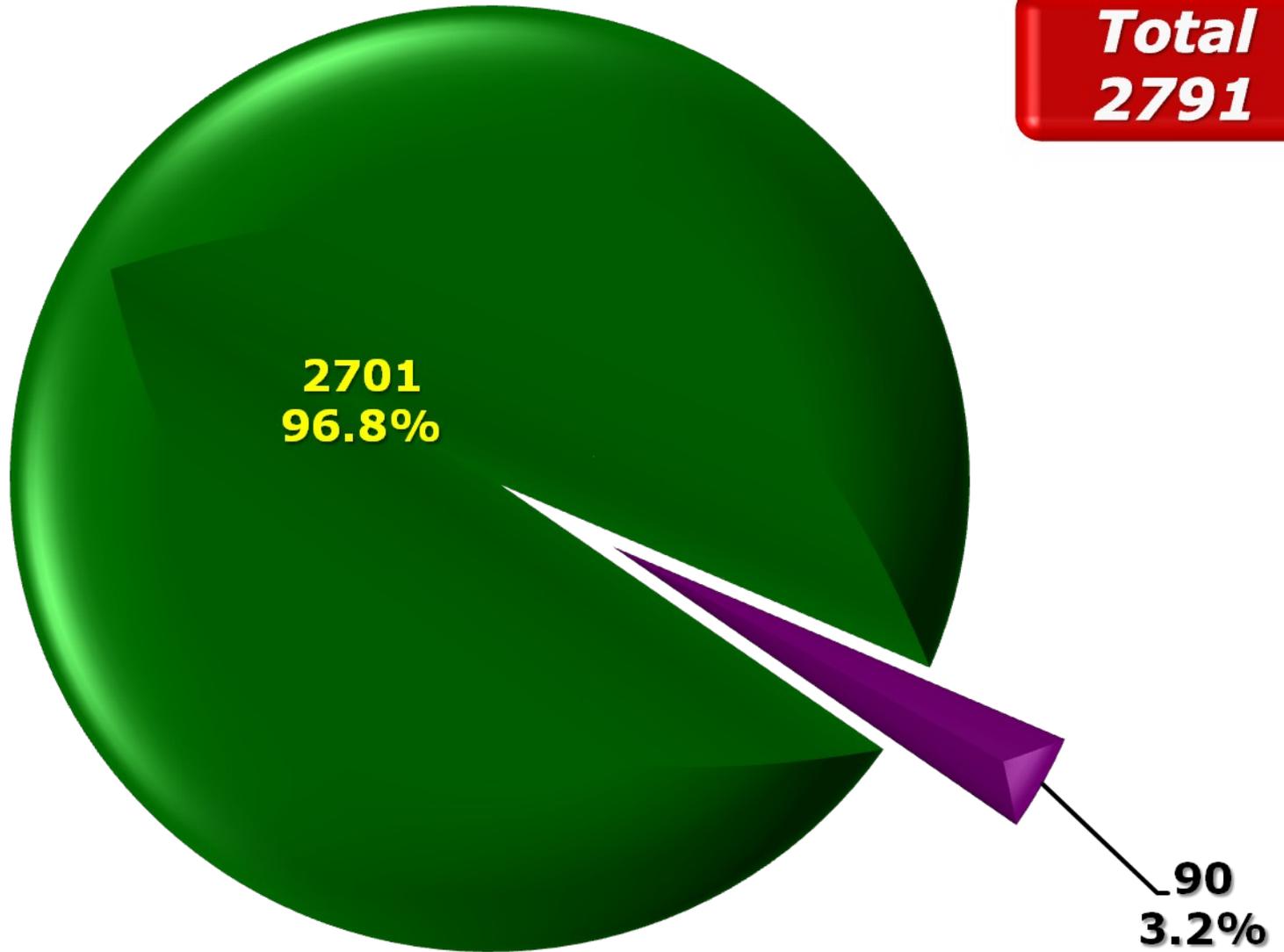


■ Non-participant users ■ Participant users

Efective sample

No. of participants: Brazil and Abroad

**Total
2791**



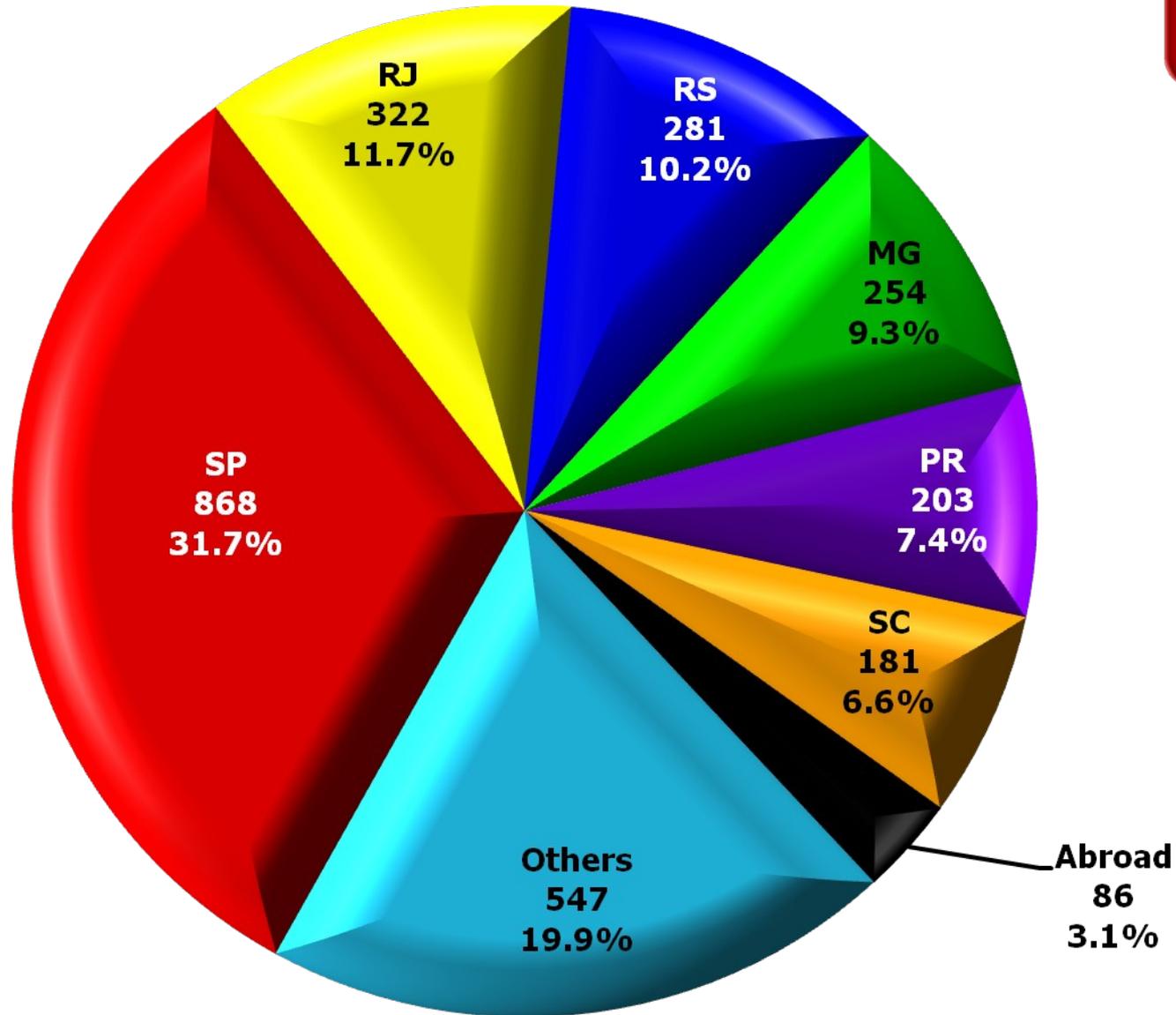
■ Brazil ■ Abroad (16 Countries)

***No. of
Participants
per
Countries***

Countries	Number of Participants				Total	%
	IF	%	CF	%		
Brazil	2656	96.9	45	91.8	2701	96.8
Uruguay	30	1.1	2	4.1	32	1.1
Argentina	22	0.8		0.0	22	0.8
Peru	13	0.5		0.0	13	0.5
Bolivia	4	0.1		0.0	4	0.1
United States	3	0.1	1	2.0	4	0.1
Chile	2	0.1		0.0	2	0.1
Colombia	2	0.1		0.0	2	0.1
Equator	2	0.1		0.0	2	0.1
Venezuela	2	0.1		0.0	2	0.1
Cape Verde	1	0.0		0.0	1	0.0
Costa Rica	1	0.0		0.0	1	0.0
Cuba	1	0.0		0.0	1	0.0
Denmark	1	0.0		0.0	1	0.0
Spain	1	0.0		0.0	1	0.0
Mozambique		0.0	1	2.0	1	0.0
Paraguay	1	0.0		0.0	1	0.0
Total	2742	100	49	100	2791	100

No. of individual forms per states and abroad

**Total
2742**

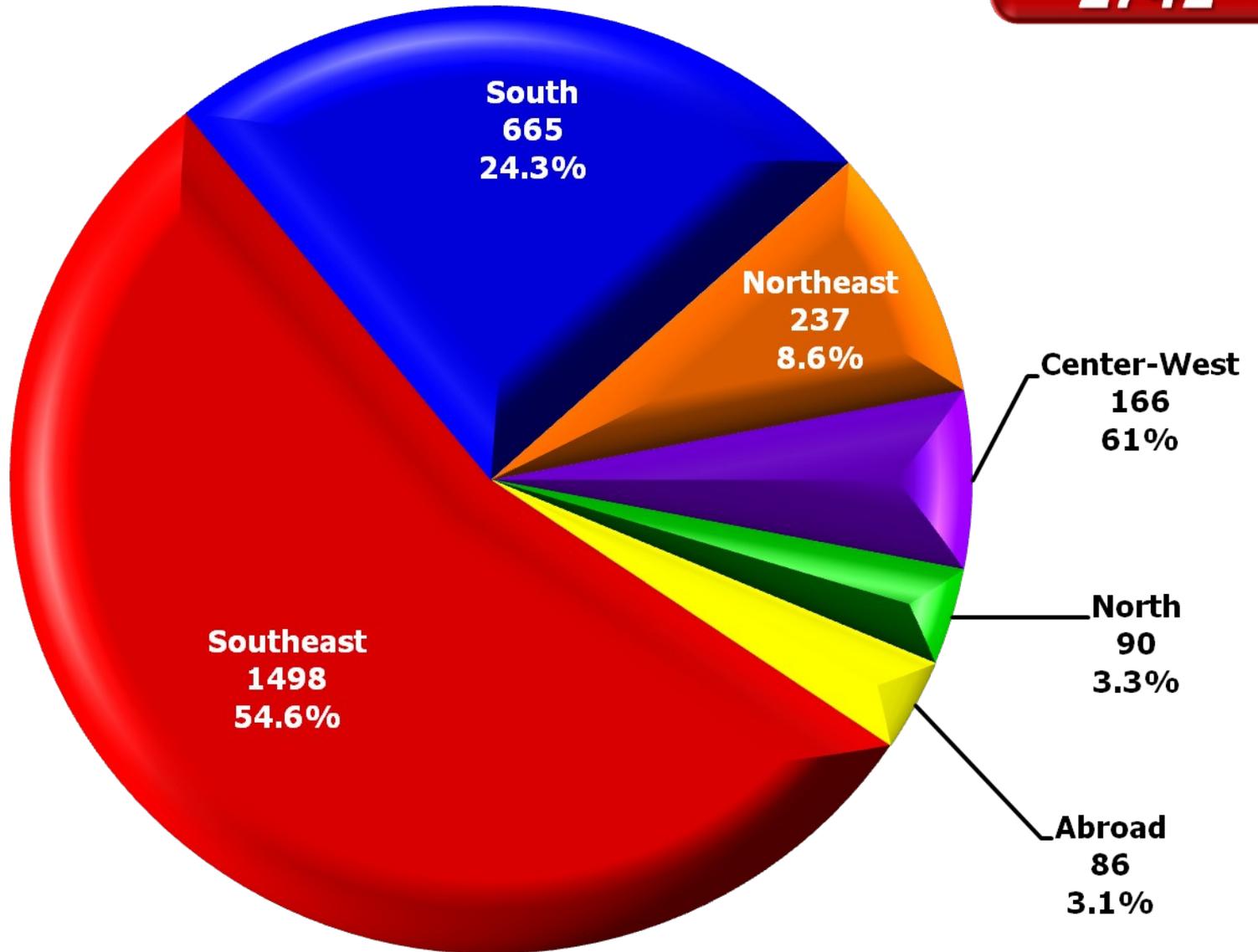


***No. of
Individual
Forms
per Gender,
States and
Abroad
(27 states)***

States	Number of Participants				Total	%
	Female	%	Male	%		
SP	212	38.7	656	29.9	868	31.7
RJ	73	13.3	249	11.3	322	11.7
RS	40	7.3	241	11.0	281	10.2
MG	46	8.4	208	9.5	254	9.3
PR	38	6.9	165	7.5	203	7.4
SC	39	7.1	142	6.5	181	6.6
BA	12	2.2	87	4.0	99	3.6
ES	10	1.8	44	2.0	54	2.0
DF	6	1.1	44	2.0	50	1.8
GO	6	1.1	40	1.8	46	1.7
PE	10	1.8	26	1.2	36	1.3
MS	5	0.9	30	1.4	35	1.3
MT	6	1.1	29	1.3	35	1.3
CE	4	0.7	28	1.3	32	1.2
PB	4	0.7	19	0.9	23	0.8
PA	3	0.5	19	0.9	22	0.8
AC	5	0.9	15	0.7	20	0.7
MA	3	0.5	17	0.8	20	0.7
RN	3	0.5	13	0.6	16	0.6
AL	3	0.5	10	0.5	13	0.5
SE	2	0.4	10	0.5	12	0.4
AM	4	0.7	7	0.3	11	0.4
RO	2	0.4	6	0.3	8	0.3
TO		0.0	7	0.3	7	0.3
PI		0.0	6	0.3	6	0.2
AP		0.0	1	0.0	1	0.0
RR		0.0	1	0.0	1	0.0
Total Brazil	536	97.8	2120	96.6	2656	96.9
Total Abroad	12	2.2	74	3.4	86	3.1
Total	548	100 20.0	2194	100 80.0	2742	100

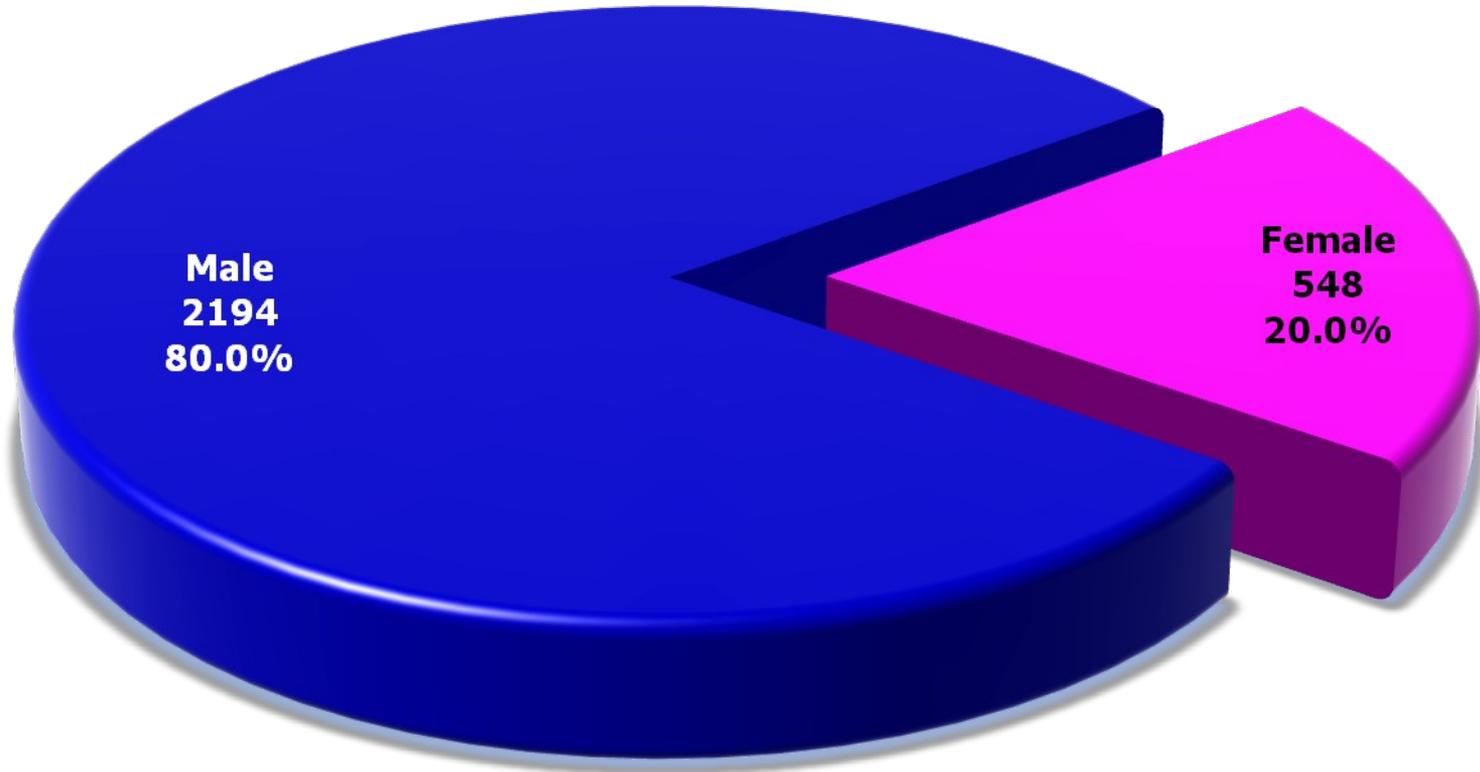
No. of individual forms per regions and abroad

**Total
2742**



No. of participants of individual forms per gender

**Total
2742**

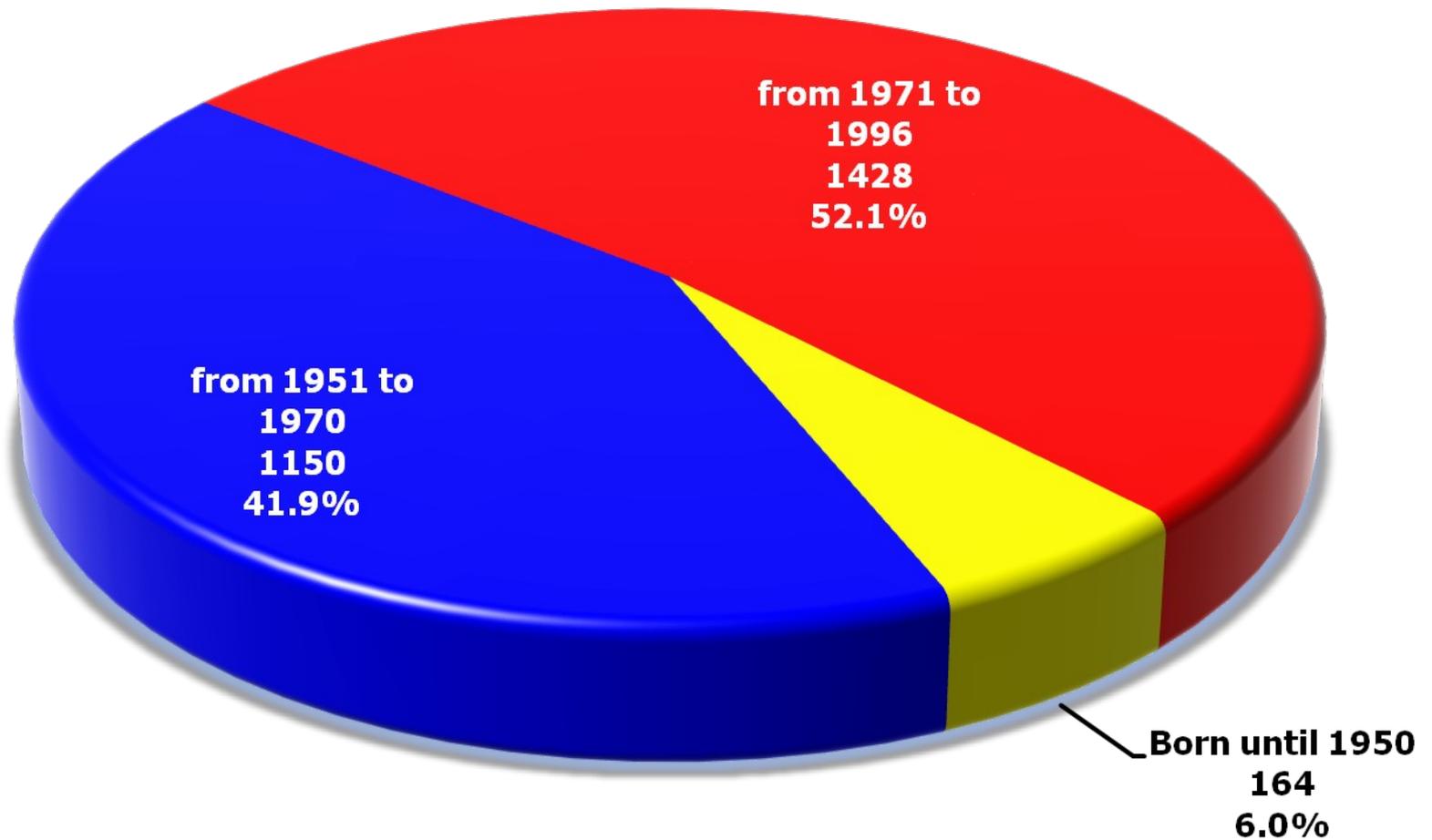


No. of participants of individual forms according to the average of age

Categories	Number of Participants	%	Average of age in years
Born until 1950	164	6.0	64
from 1951 to 1970	1150	41.9	48
from 1971 to 1996	1428	52.1	30
Total	2742	100	40

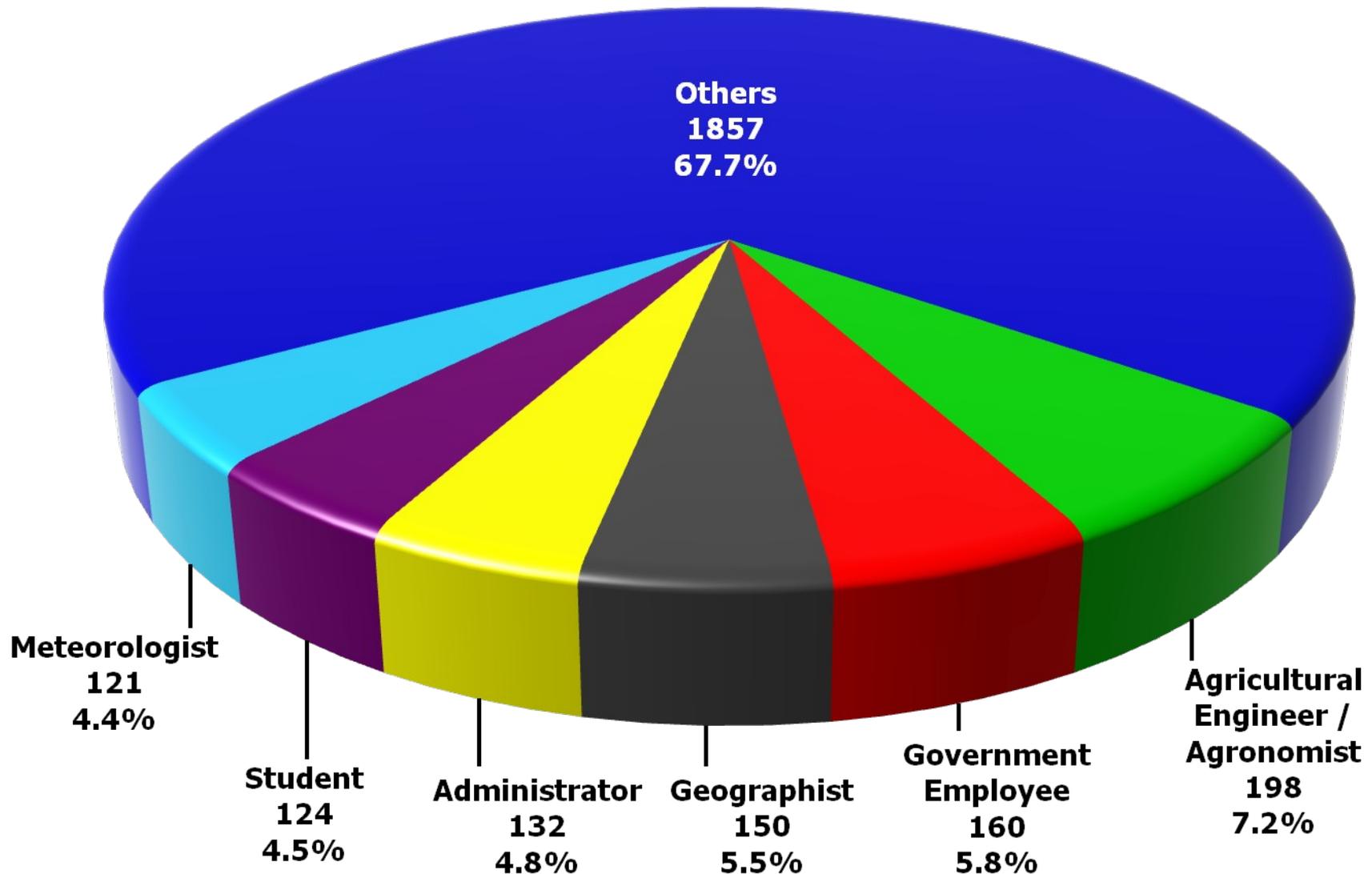
No. of participants of individual forms per age

**Total
2742**



No. of participants of individual forms per occupations (171 types)

**Total
2742**



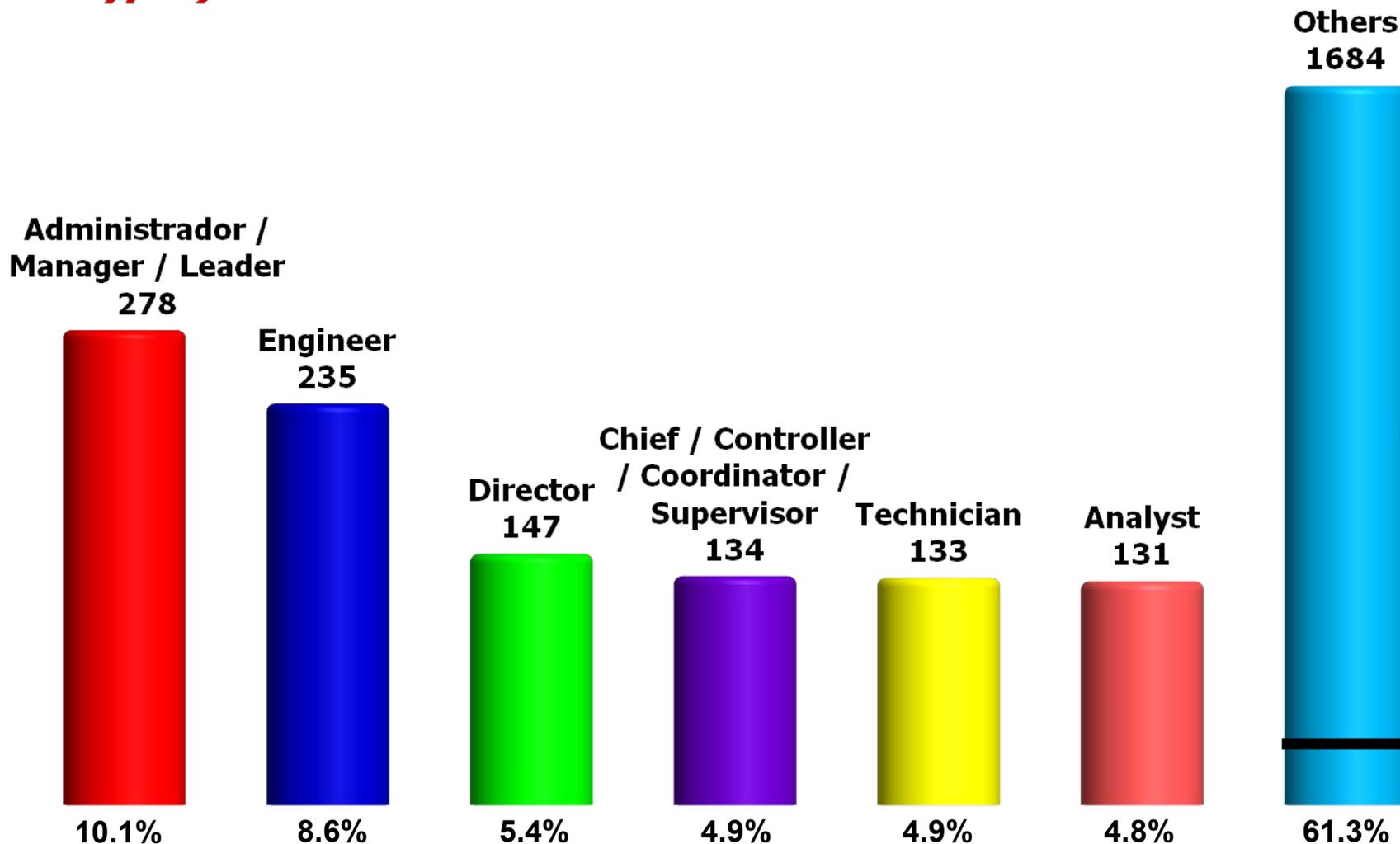
***No. of
Individual
Forms per
Occupations
(171 types)***

Categories	Number of Participants	%
Agriculturist Engineer / Agronomist	198	7.2
Government Employee	160	5.8
Geographer	150	5.5
Administrator	132	4.8
Student	124	4.5
Meteorologist	121	4.4
Mechanical Engineer	106	3.9
Civil Enginner	101	3.7
Biologist	101	3.7
Professor	95	3.5
Entrepreneur	92	3.4
Military	77	2.8
Software Analyst / Software	68	2.5
Electrical Engineer / Electronic / Telecommunicatio	63	2.3
Agriculturist / Agricultural Producer	58	2.1
Doctor	53	1.9
Lawyer	43	1.6
Technician	33	1.2
Technician in Eletroeletronic / Eletronics / Eletrotechician / Telecomm	33	1.2
Physicist	32	1.2
Arquitect	29	1.1
Chemical Engineer	27	1.0
Jornalist	26	0.9
Bank Clerk	26	0.9
Economist	25	0.9
Consultant	25	0.9
Industrial worker	23	0.8
Airplane Pilot - Commercial	22	0.8
Assistant / Administrative Assistant	22	0.8
Others	677	24.7
Total	2742	100

No. of individual forms per position

(150 types)

Total
2742



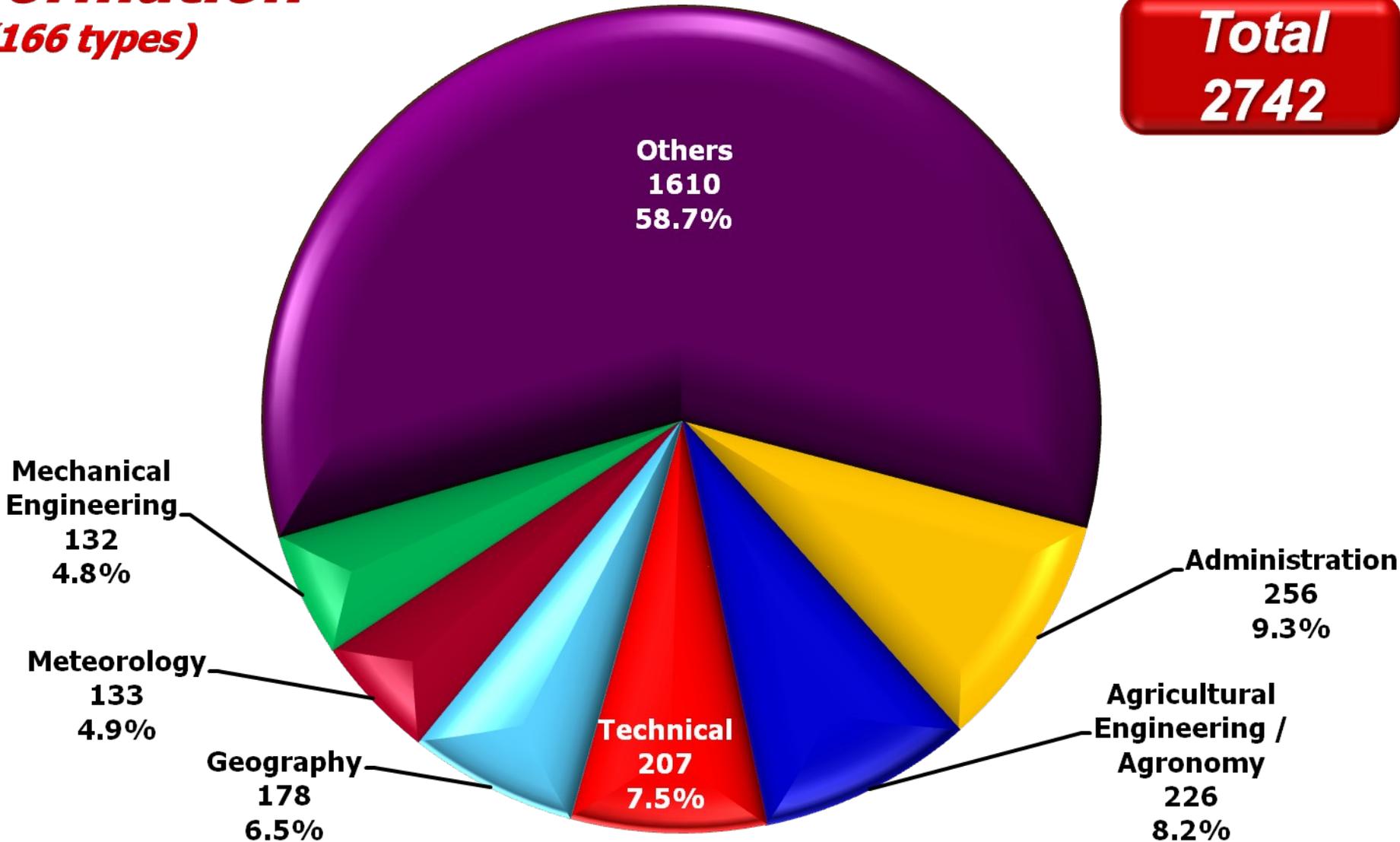
Scale deformation
(n/4)

***No. of
Individual
Forms per
Position
(150 types)***

Categories	Number of Participants	%
Administrator / Manager / Leader	278	10.1
Engineer	235	8.6
Director	147	5.4
Chief / Controller / Coordinator / Supervisor	134	4.9
Technical	133	4.9
Analyst	131	4.8
Teacher	125	4.6
Advisor / Consultant / Specialist	121	4.4
Student	117	4.3
Assistant / Helper	107	3.9
Entrepreneur / Owner Partner	100	3.6
Autonomous	100	3.6
Geographer	78	2.8
Scientist / Researcher	63	2.3
Weatherman	61	2.2
Biologist	60	2.2
Trainee	52	1.9
Retired	51	1.9
Doctor	38	1.4
Farmer / Cattle Raiser / Rural Producer	27	1.0
Agent / Auditor / Tax	27	1.0
Physical	24	0.9
Seller	22	0.8
Lawyer	22	0.8
Commander	21	0.8
Fellow	19	0.7
Secretary	17	0.6
Architect	17	0.6
Operator	16	0.6
Others	399	14.6
Total	2742	100

No. of individual forms per academic formation (166 types)

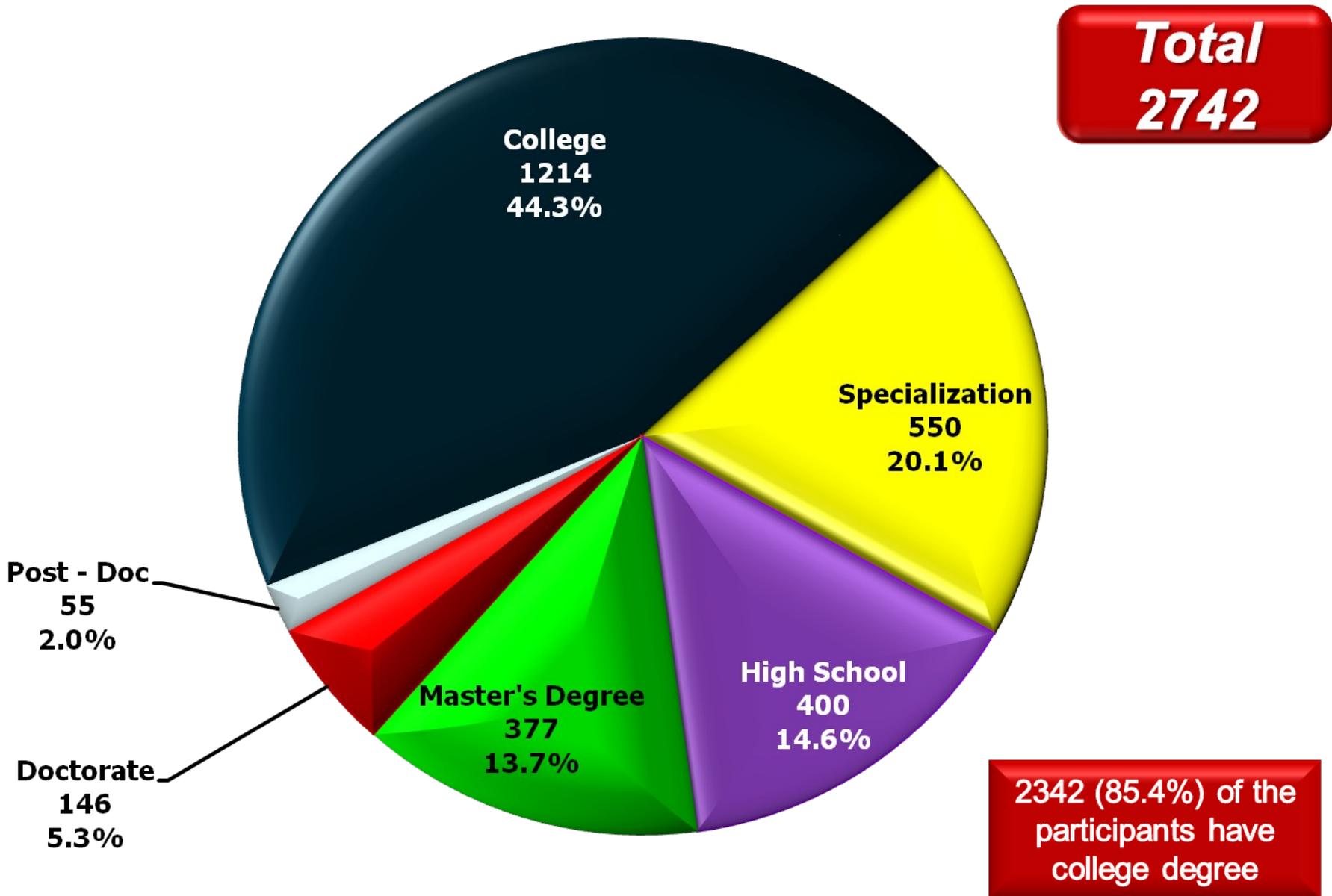
Total
2742



***No. of
Organization
Forms per
Academic
Formation
(166 types)***

Categories	Number of Participants	%
Administration	256	9.3
Agricultural Engineering / Agronomy	226	8.2
Technical	207	7.5
Geography	178	6.5
Meteorologia	133	4.9
Mechanical Engineering	132	4.8
Life Sciences	121	4.4
Civil Engineering	119	4.3
Systems Analysis / Computer Science / Computer / Proc. Data / IT	94	3.4
Law	92	3.4
Electrical Engineering / Electronics / Telecommunications	81	3.0
Biomedical Science / Medicine	56	2.0
Sanitary Engineering / Environmental	44	1.6
Agricultural Technical / Agriculture / Farming	42	1.5
Economics	41	1.5
Chemical Engineering	39	1.4
Accounting Sciences	38	1.4
Physics	38	1.4
Electrical / Electronic Technician / Electronics / Electrical / Telecomm	33	1.2
Pedagogy	31	1.1
Architecture and Urbanism	30	1.1
History	27	1.0
Media	27	1.0
Mathematics	25	0.9
Oceanography	23	0.8
Tourism	22	0.8
Forestry	21	0.8
Technical Administration	21	0.8
Physical Education	19	0.7
Others	526	19.2
Total	2742	100

No. of individual forms per schoolarity

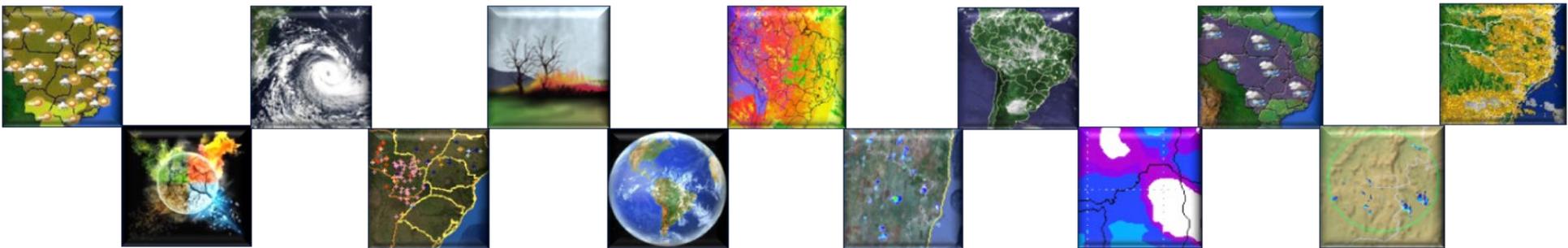




User's Profile

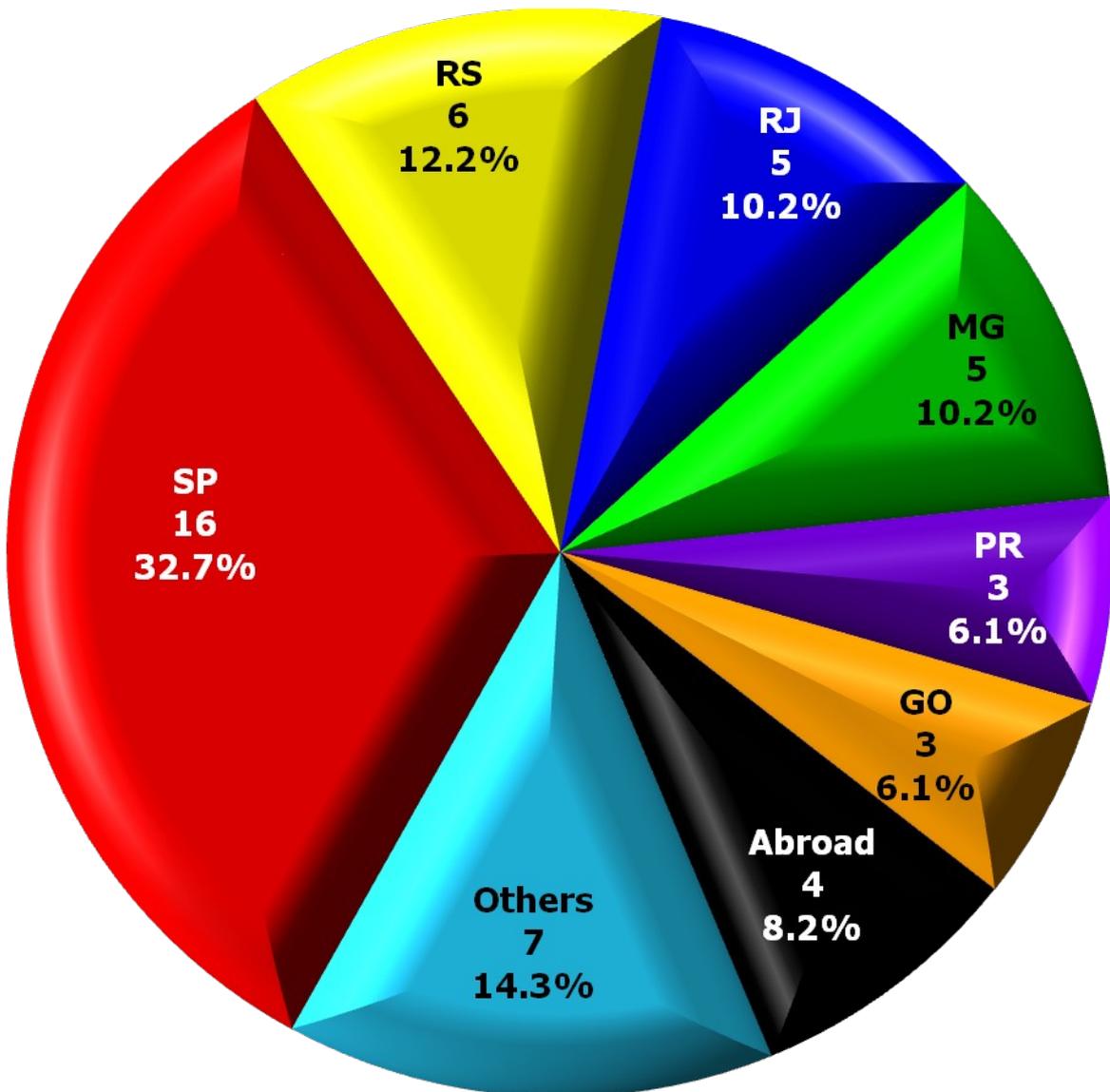
1st Survey - 2009

Companies: 49



No. of company forms per states and abroad

**Total
49**

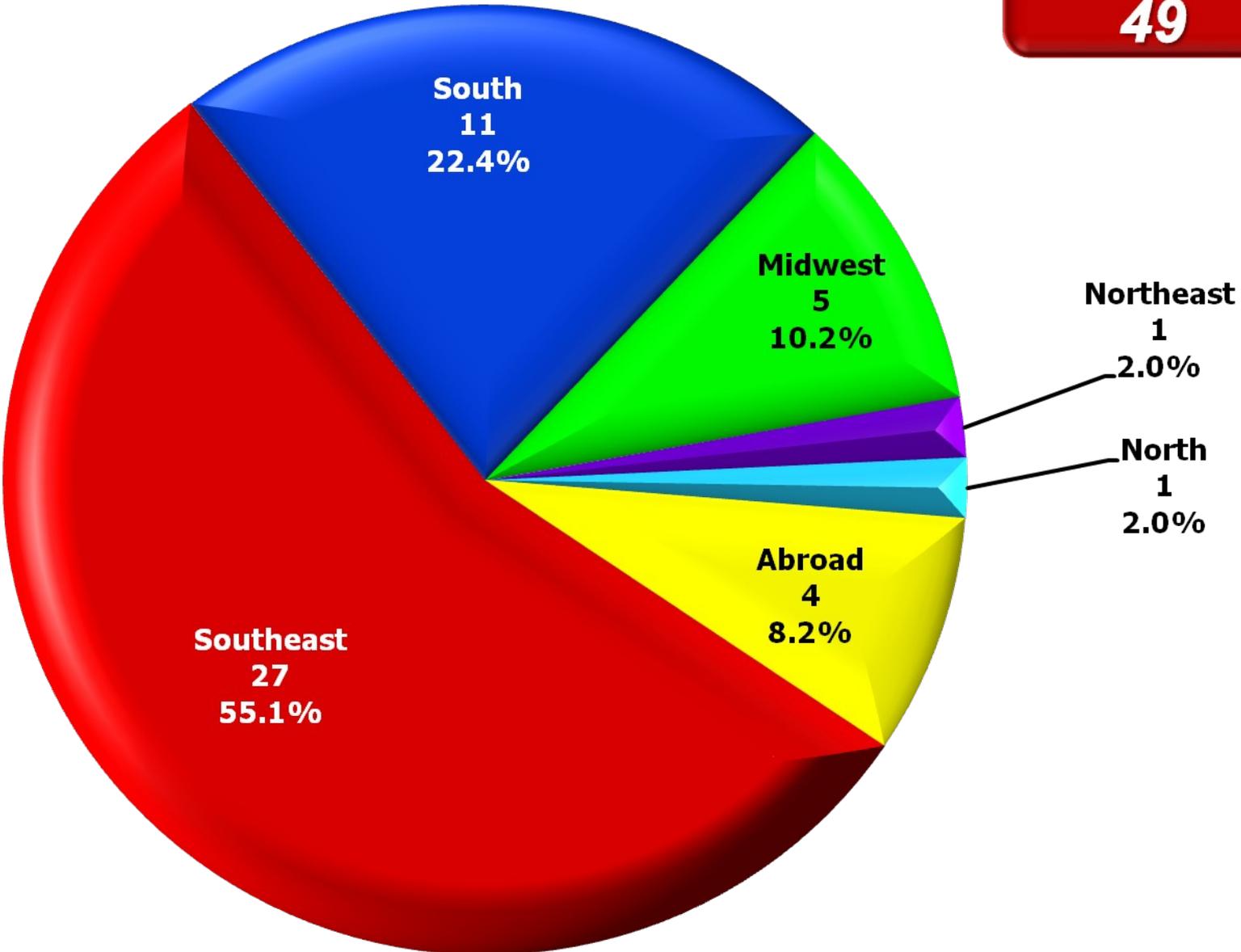


***No. of
Company
Forms per
States and
Abroad
(11 States)***

States	Number of Participants	%
SP	16	32.7
RS	6	12.2
RJ	5	10.2
MG	5	10.2
PR	3	6.1
GO	3	6.1
SC	2	4.1
MS	2	4.1
RO	1	2.0
PE	1	2.0
ES	1	2.0
Total Brazil	45	91.8
Total Abroad	4	8.2
Total	49	100

No. of company forms per regions and abroad

**Total
49**

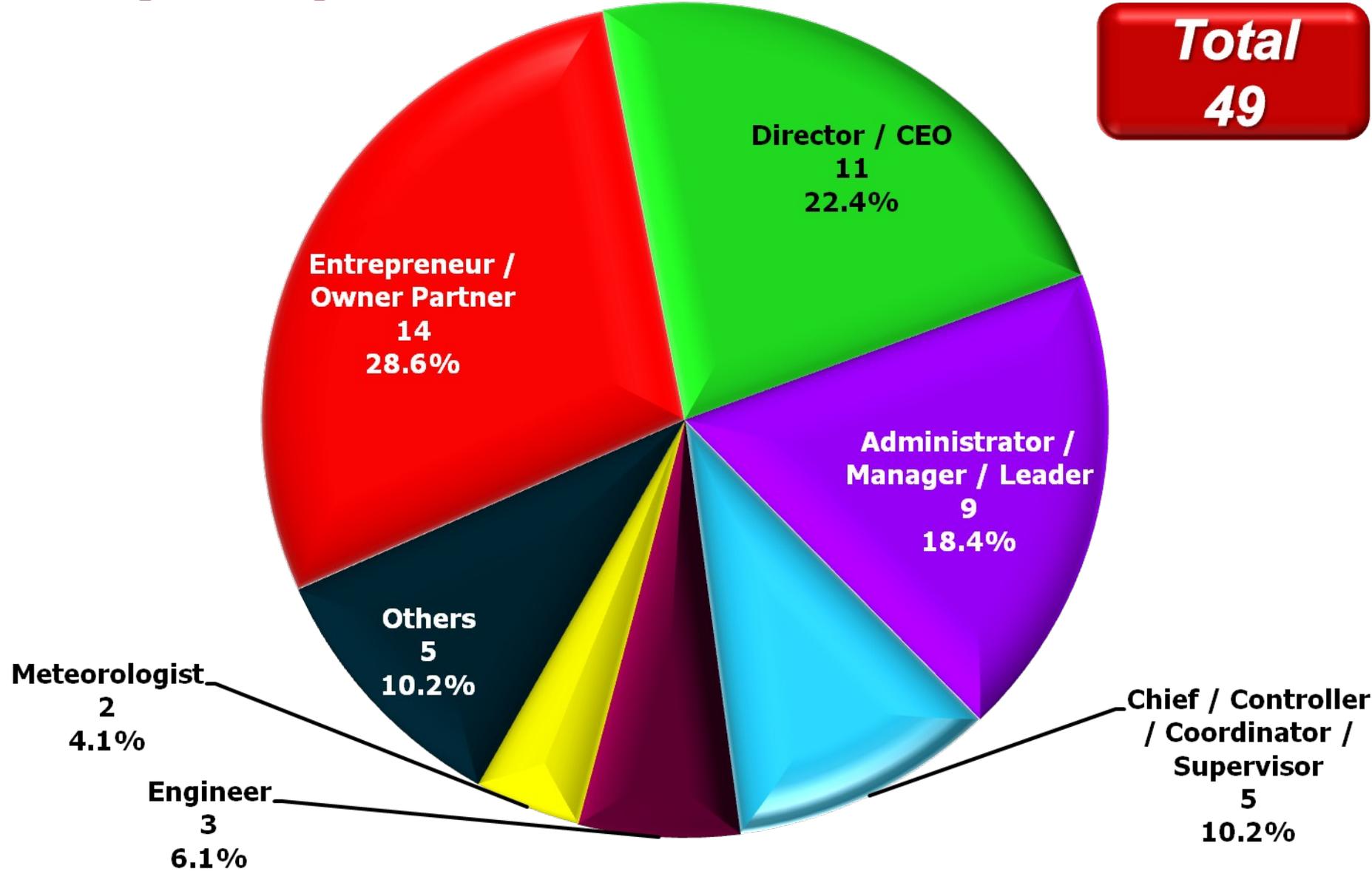


No. of company forms according to the average in years of establishment

Categories	Number of Participants	%	Average of age in years
Established until 1950	5	10.2	74
from 1951 to 1970	4	8.2	47
from 1971 to 2006	40	81.6	14
Total	49	100	23

No. of company forms per position of the survey's respondents

**Total
49**

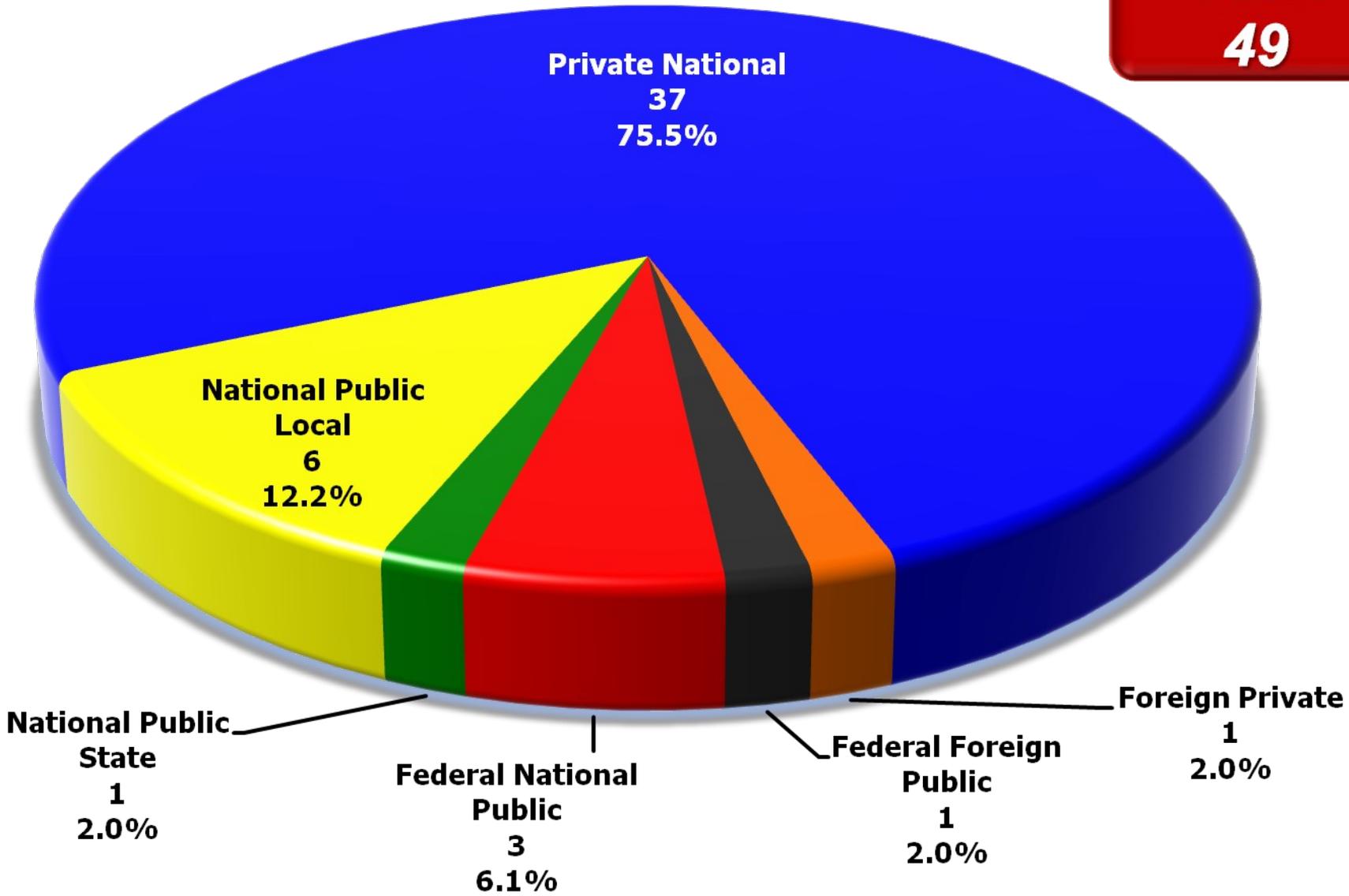


No. of company forms per position of the respondents

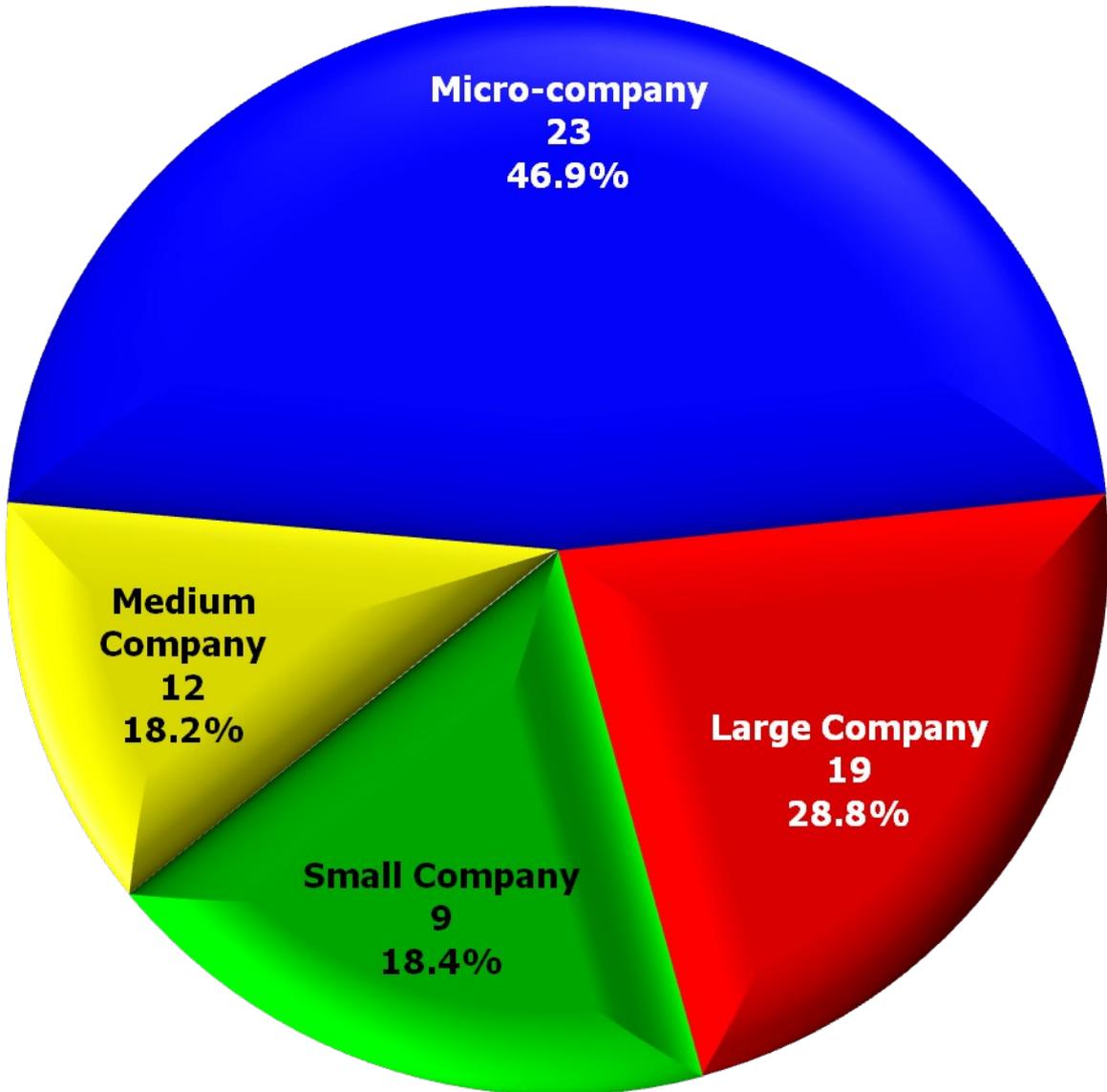
Categories	Number of Participants	%
Entrepreneur / Owner Partner	14	28.6
Director / CEO	11	22.4
Administrator / Manager / Leader	9	18.4
Chief / Controller / Coordinator / Supervisor	5	10.2
Engineer	3	6.1
Meteorologist	2	4.1
Superintendent	1	2.0
Pilot	1	2.0
Instructor	1	2.0
Scientist / Researcher	1	2.0
Communication Advisor	1	2.0
Total	49	100

No. of company forms per type of company

**Total
49**



No. of company forms by the sector of the company

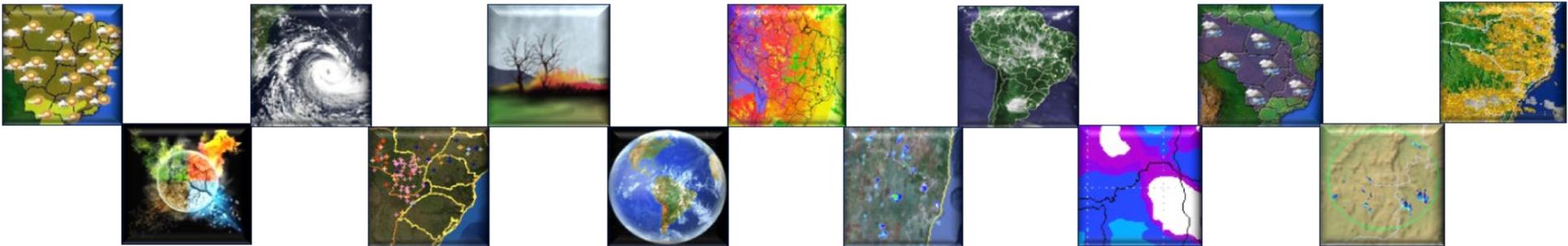


Total
49



User's Profile
1st Survey - 2009

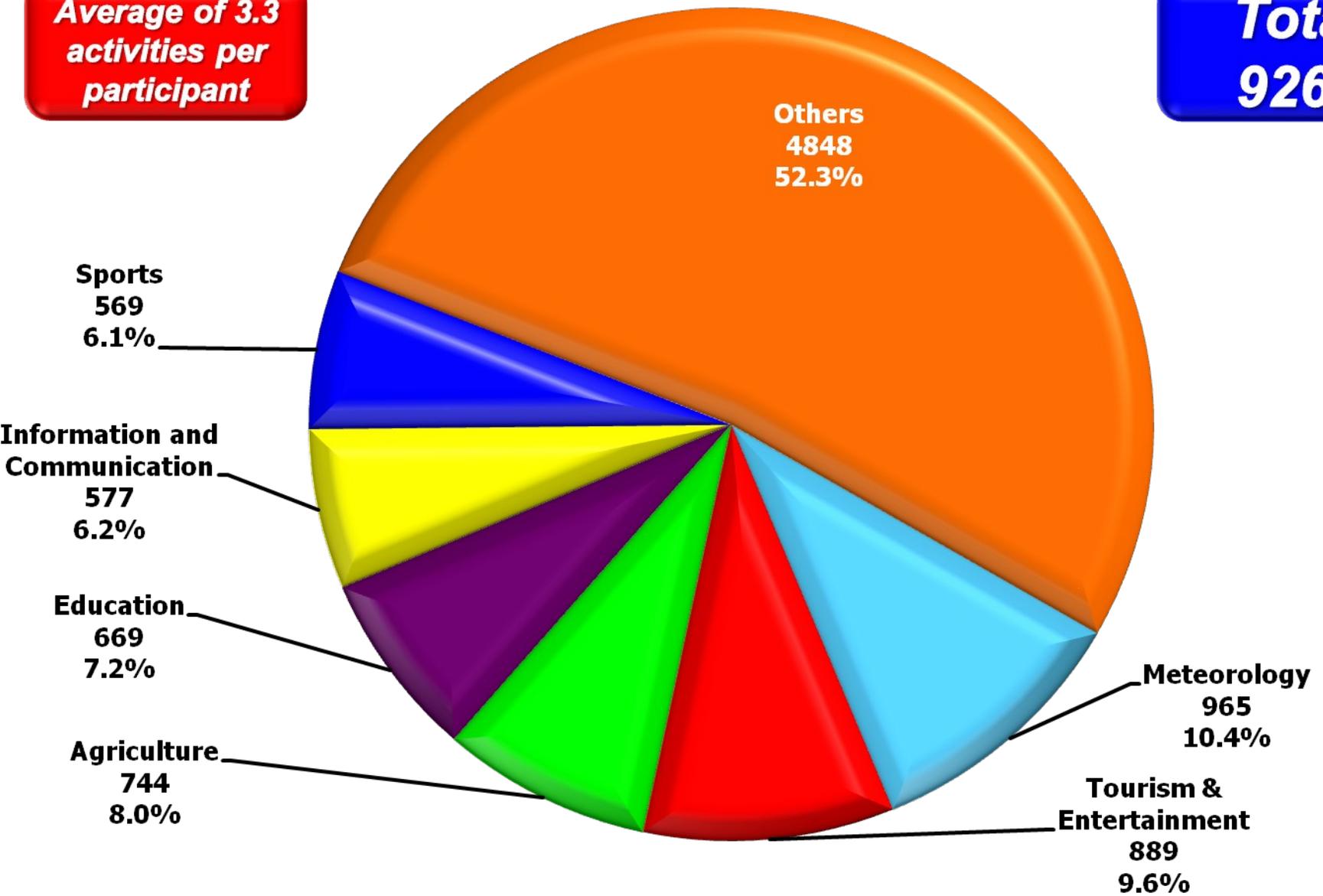
Indicators of Management



Economic activities developed by participants

Average of 3.3 activities per participant

Total 9261



Note: In this question occurred the possibility of multiple indications, so there's the possibility about the number of indications being bigger than the participants.

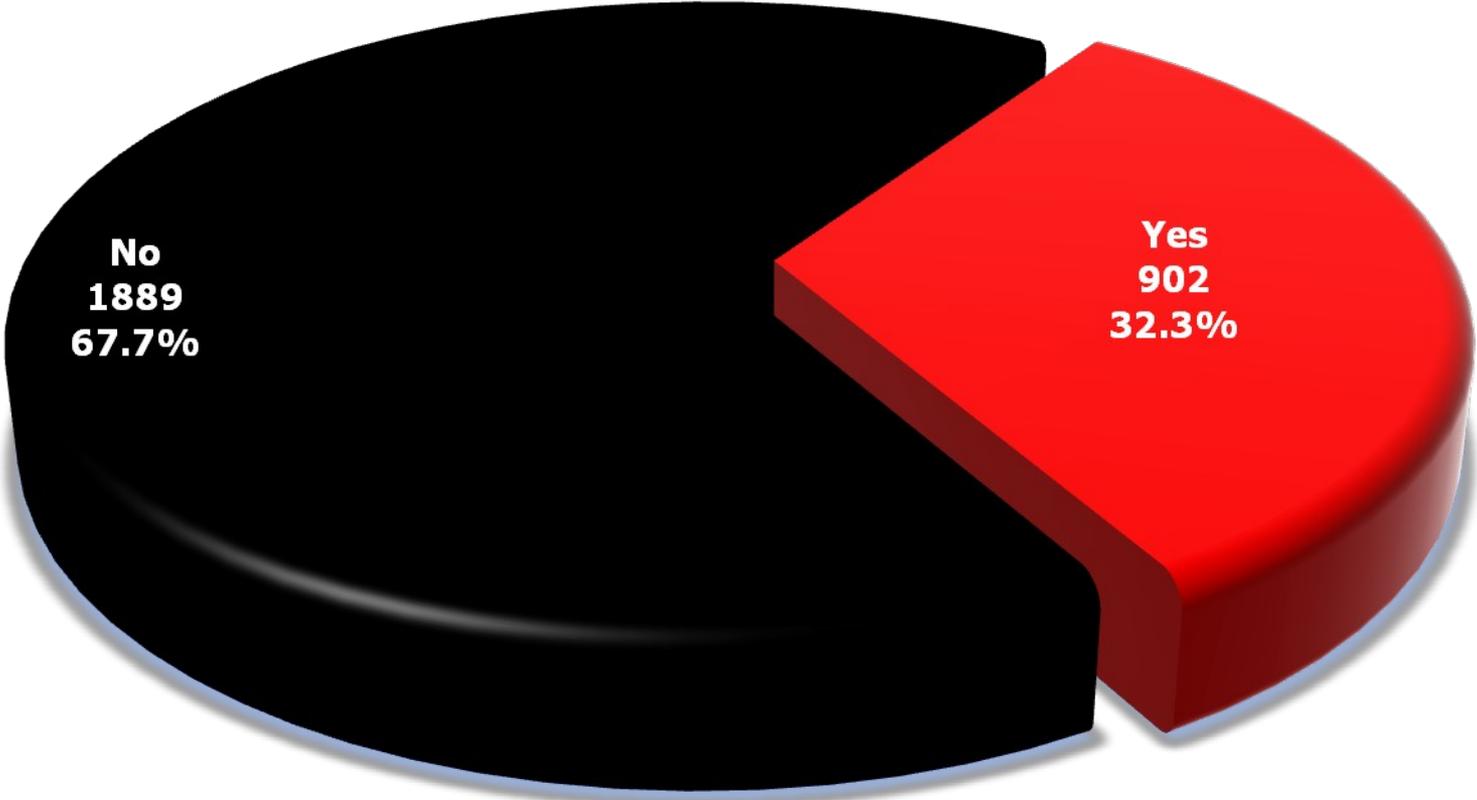
Economic activities developed by participants

Categories	Indication of the Participants				Total	%
	IF	%	CF	%		
Meteorology	952	10.5	13	8.4	965	10.4
Tourism & Entertainment	881	9.7	8	5.2	889	9.6
Agriculture	724	8.0	20	12.9	744	8.0
Education	664	7.3	5	3.2	669	7.2
Information and Communication	571	6.3	6	3.9	577	6.2
Sports	563	6.2	6	3.9	569	6.1
Natural Disasters	514	5.6	9	5.8	523	5.6
Air Transport and Inland Navigational	449	4.9	12	7.7	461	5.0
Hydrology	389	4.3	7	4.5	396	4.3
Remote Sensing	367	4.0	5	3.2	372	4.0
Livestock / Fish	355	3.9	10	6.5	365	3.9
Commercial	325	3.6	10	6.5	335	3.6
Building	294	3.2	6	3.9	300	3.2
Energy	293	3.2	6	3.9	299	3.2
Health	292	3.2	2	1.3	294	3.2
Reforestation	284	3.1	6	3.9	290	3.1
Oceanography	214	2.4	1	0.6	215	2.3
Industrial	190	2.1	8	5.2	198	2.1
Surveillance / Justice / Forensic	149	1.6	1	0.6	150	1.6
Military	96	1.1	1	0.6	97	1.0
Real Estate	65	0.7	1	0.6	66	0.7
Others	475	5.2	12	7.7	487	5.3
Total	9106	100	155	100	9261	100

Note: In this question occurred the possibility of multiple indications, so there's the possibility about the number of indications being bigger than the participants.

Does the easy access to the products and services from the CPTEC, incentivized the improvement of infrastructure¹?

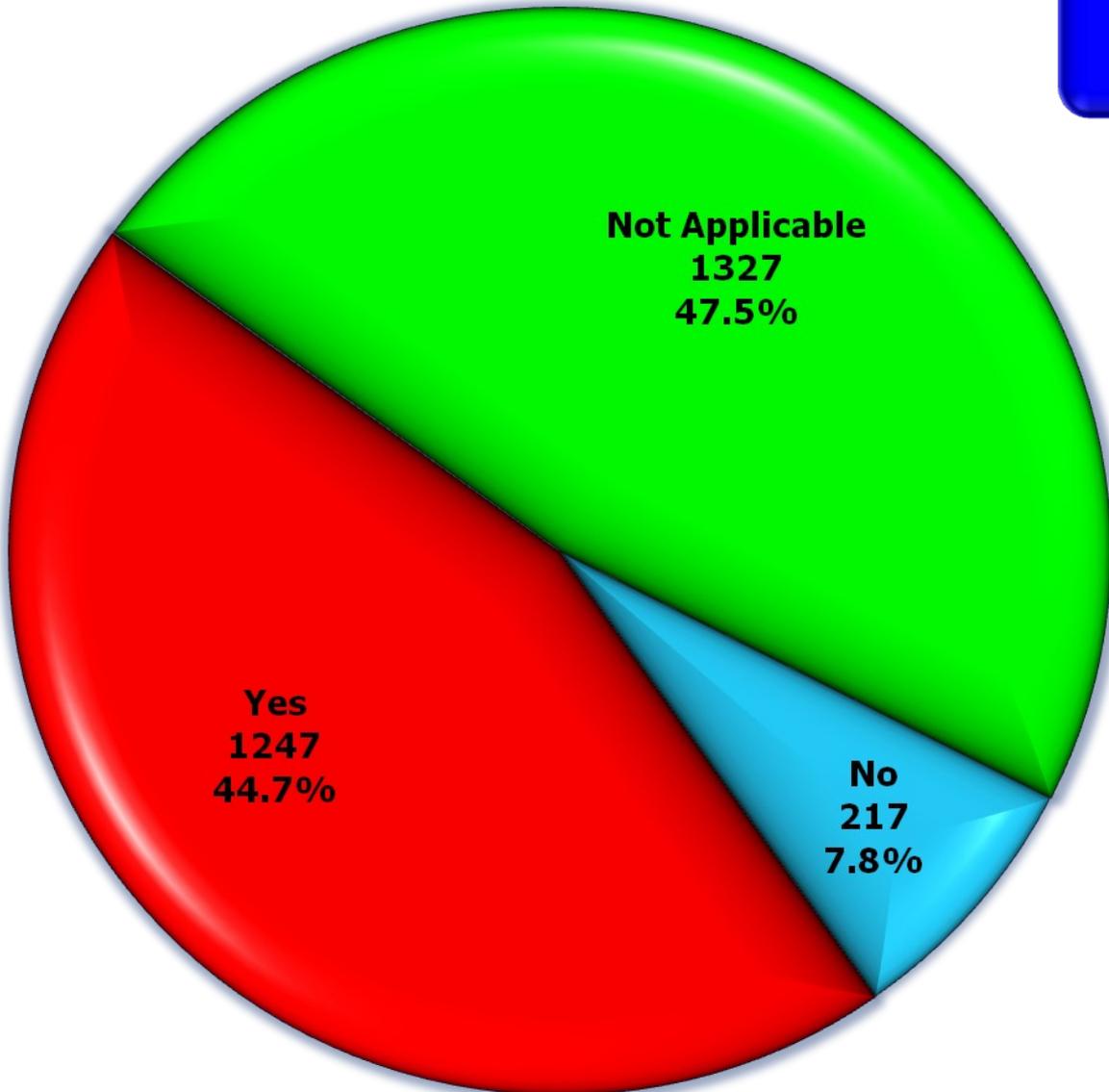
**Total
2791**



1 - Acquisition of computers, software's, hardware's, etc.

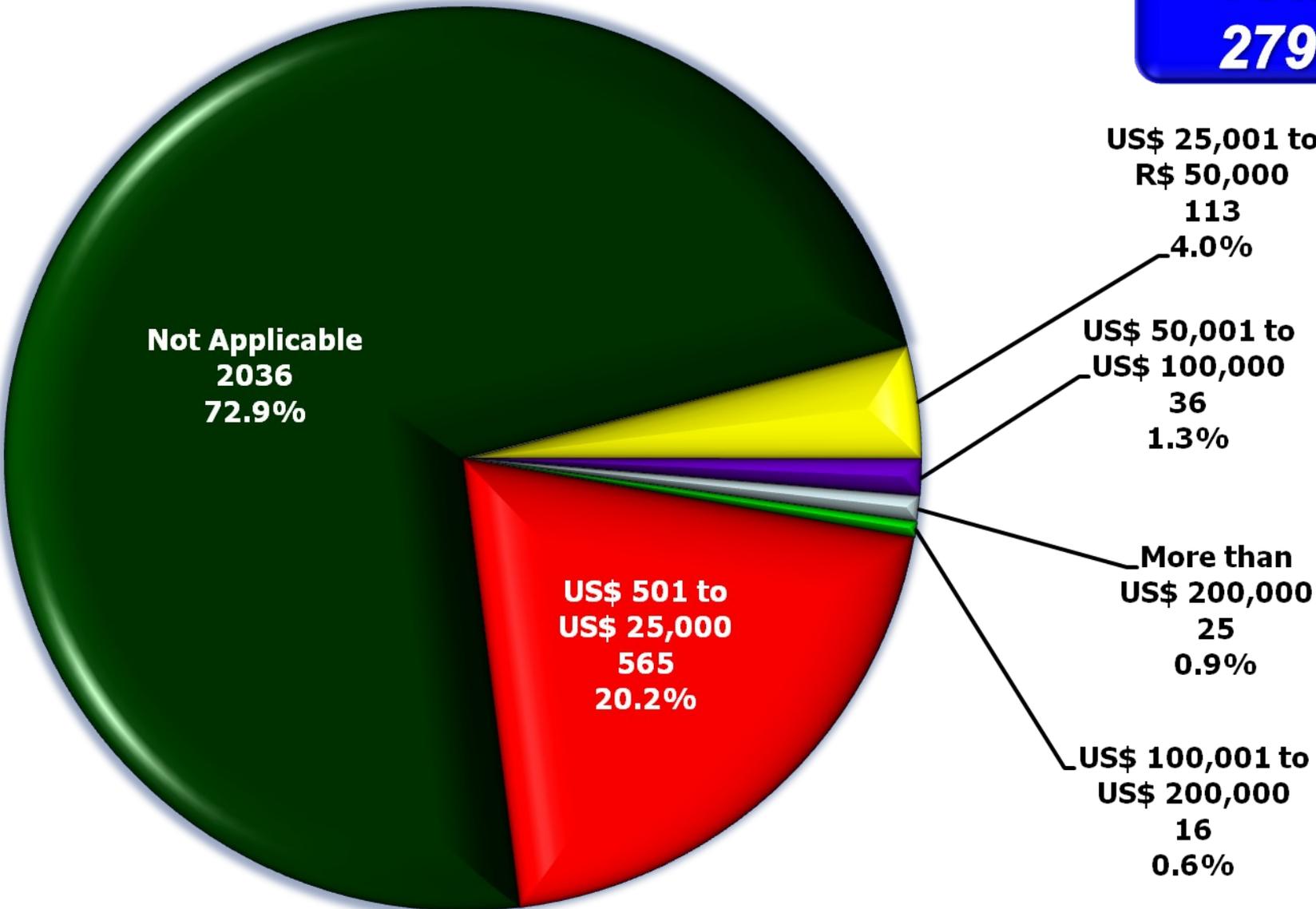
Did the use of products and services from the CPTEC generated money savings?

**Total
2791**



Estimated savings in 2009 generated by the participants by the use of the products and services from the CPTEC.

**Total
2791**



Estimated savings in 2009 generated by the participants by the use of the products and services from the CPTEC.

World

Categories	Number of Participants				Total	
	IF	%	CF	%	IF and CF	%
US\$ 500 to US\$ 25,000	546	19.9	19	38.8	565	20.2
Not Applicable	2011	73.3	25	51.0	2036	72.9
US\$ 25,001 to US\$ 50,000	111	4.0	2	4.1	113	4.0
US\$ 50,001 to US\$ 100,000	36	1.3		0.0	36	1.3
More than US\$ 200,000	22	0.8	3	6.1	25	0.9
US\$ 100,001 to US\$ 200,000	16	0.6		0.0	16	0.6
Total	2742	100	49	100	2791	100

Average in US\$ / Categories	No. of IF + CF	Estimation of Average of Economy in US\$	
		Annual	Monthly
12,500	565	7,062,500	588,541.67
Not Applicable	2036	0	0,00
37,500	113	4,237,500	353,125.00
75,000	36	2,700,000	225,000.00
200,000	25	5,000,000	416,666.67
150,000	16	2,400,000	200,000.00
Total	2791	21,400,000	1,783,333.34
Average per Participant (2791 - 2036 = 755)		28,344.37	2,362.03

Estimated savings in 2009 generated by the participants by the use of the products and services from the CPTEC.

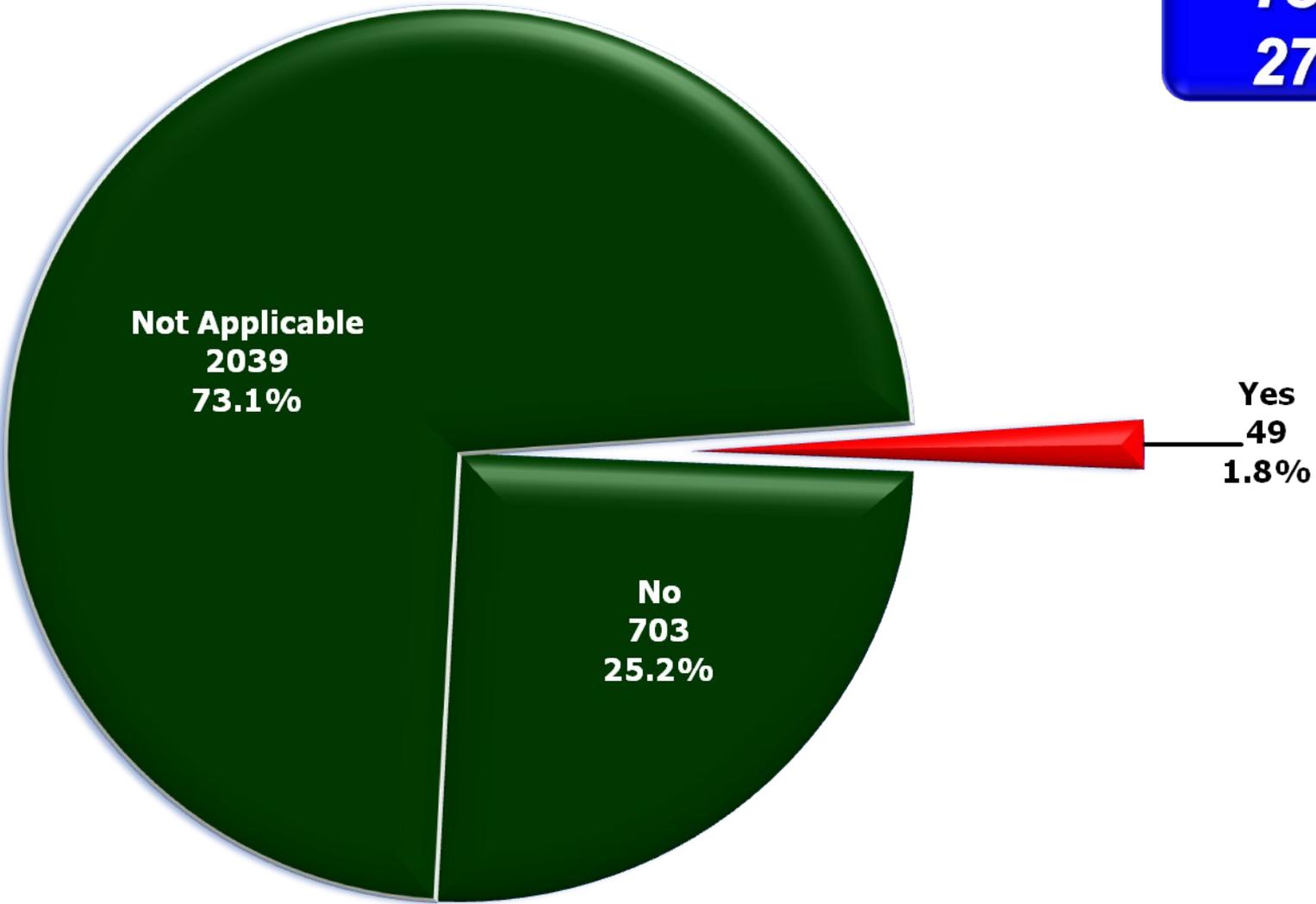
Brazil

Categories	Number of Participants				Total	
	IF	%	OF	%	IF and OF	%
US\$ 500 to US\$ 25,000	534	74.7	19	82.6	553	74.9
Not Applicable	1941	73.1	22	48.9	1963	72.7
US\$ 25,001 to US\$ 50,000	107	15.0	1	4.3	108	14.6
US\$ 50,001 to US\$ 100,000	36	5.0		0.0	36	4.9
More than US\$ 200,000	22	3.1	3	13.0	25	3.4
US\$ 100,001 to US\$ 200,000	16	2.2		0.0	16	2.2
Total	2656	100	45	100	2701	100

Average in US\$ / Categories	No. of IF + CF	Estimation of Average of Economy in US\$	
		Annual	Monthly
12,500	553	6,912,500	576,041.67
Not Applicable	1963	0,00	0,00
37,500	108	4,050,000	337,500.00
75,000	36	2,700,000	225,000.00
200,000	25	5,000,000	416,666.67
150,000	16	2,400,000	200,000.00
Total	2701	21,062,500.00	1,755,208.34
Average per Participant (2701 - 1963 = 738)		28,539.97	2,378.33

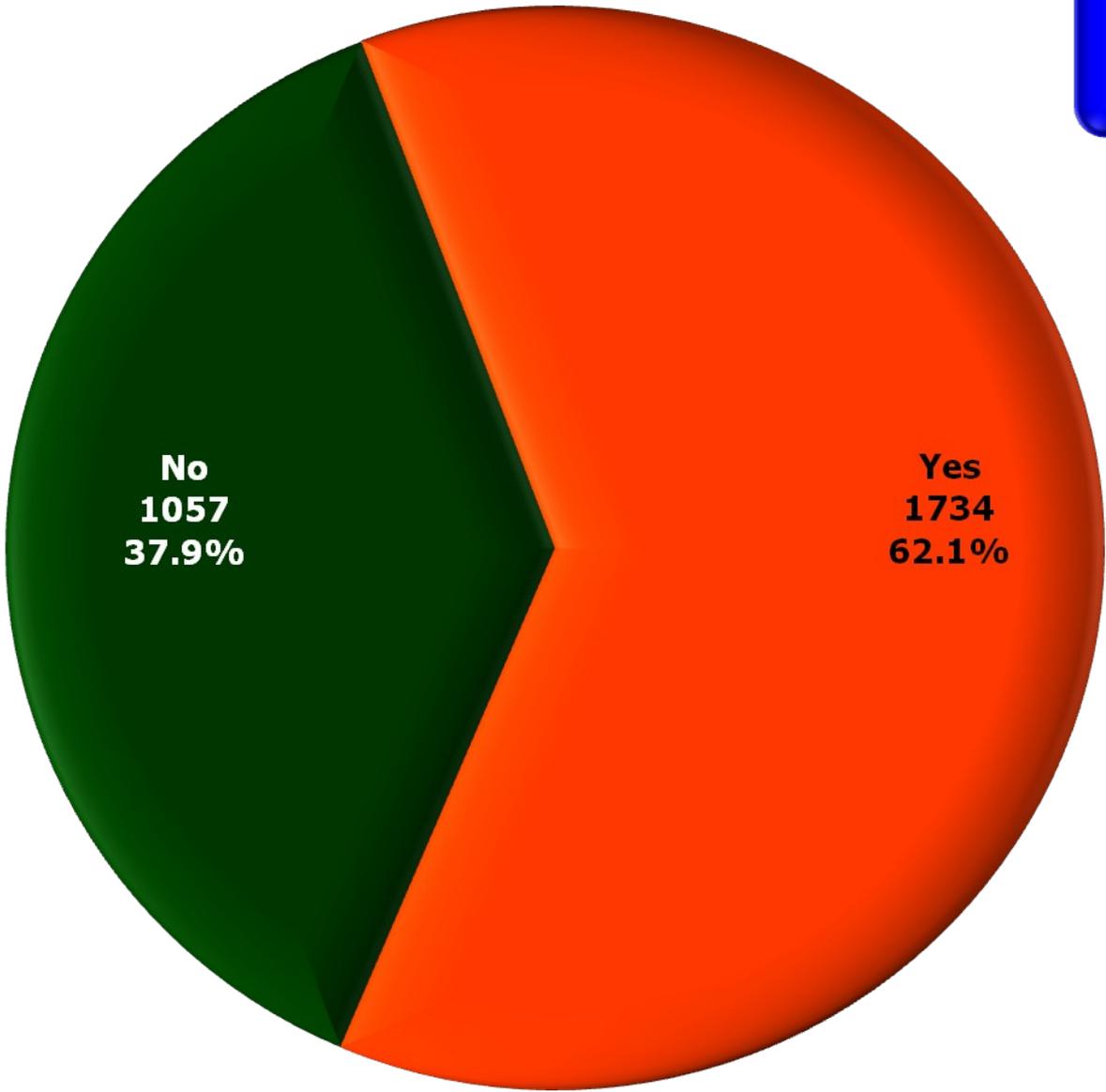
By the use of the products and services from the CPTEC did the participants hire new people?

**Total
2791**

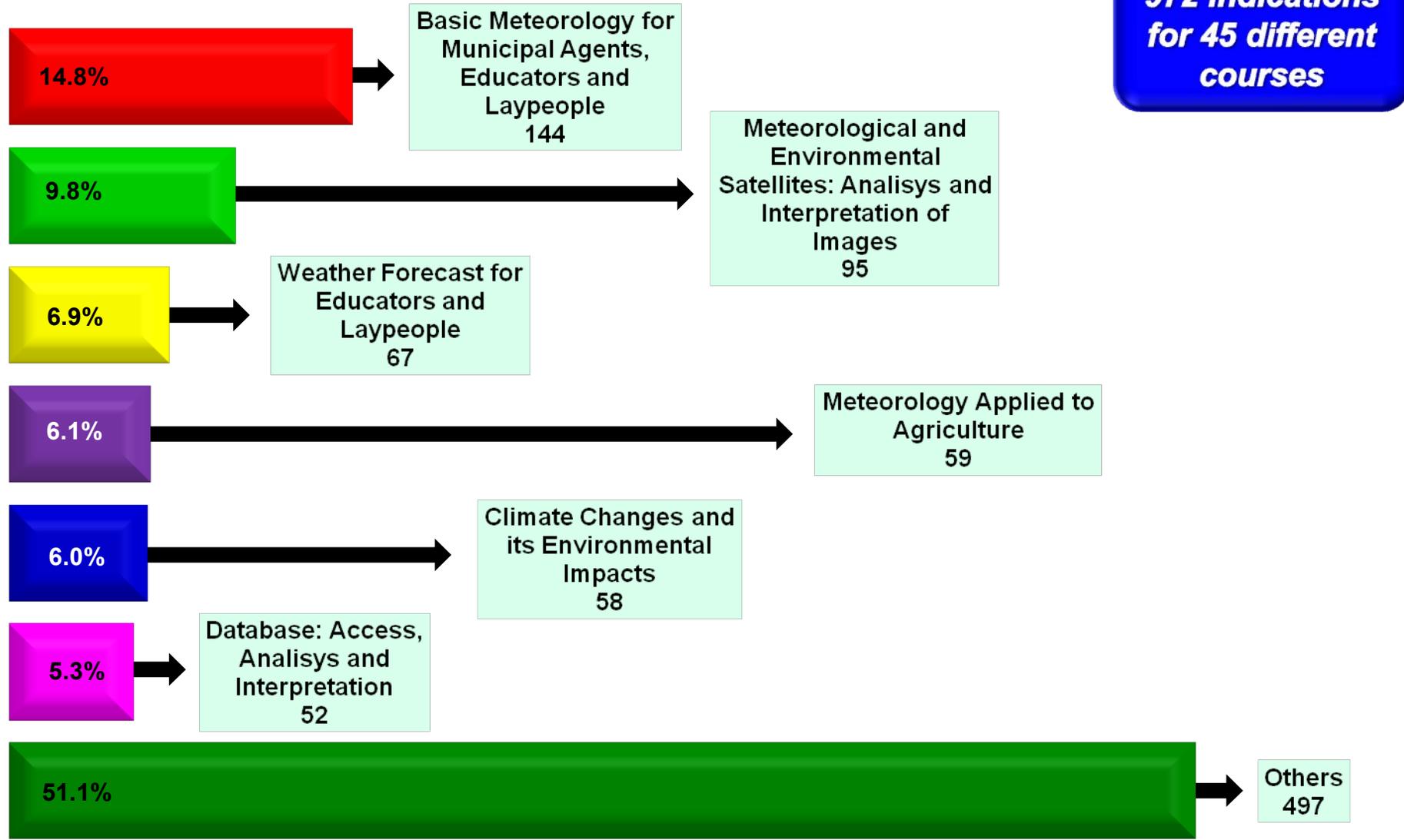


Does the respondents has the interest in participating in courses or seminars offered by the CPTEC / INPE?

**Total
2791**



Suggestions of the participants about the courses and seminars which the CPTEC could perform



Note: In this question occurred the possibility of multiple indications, so there's the possibility about the number of indications being bigger than the participants.

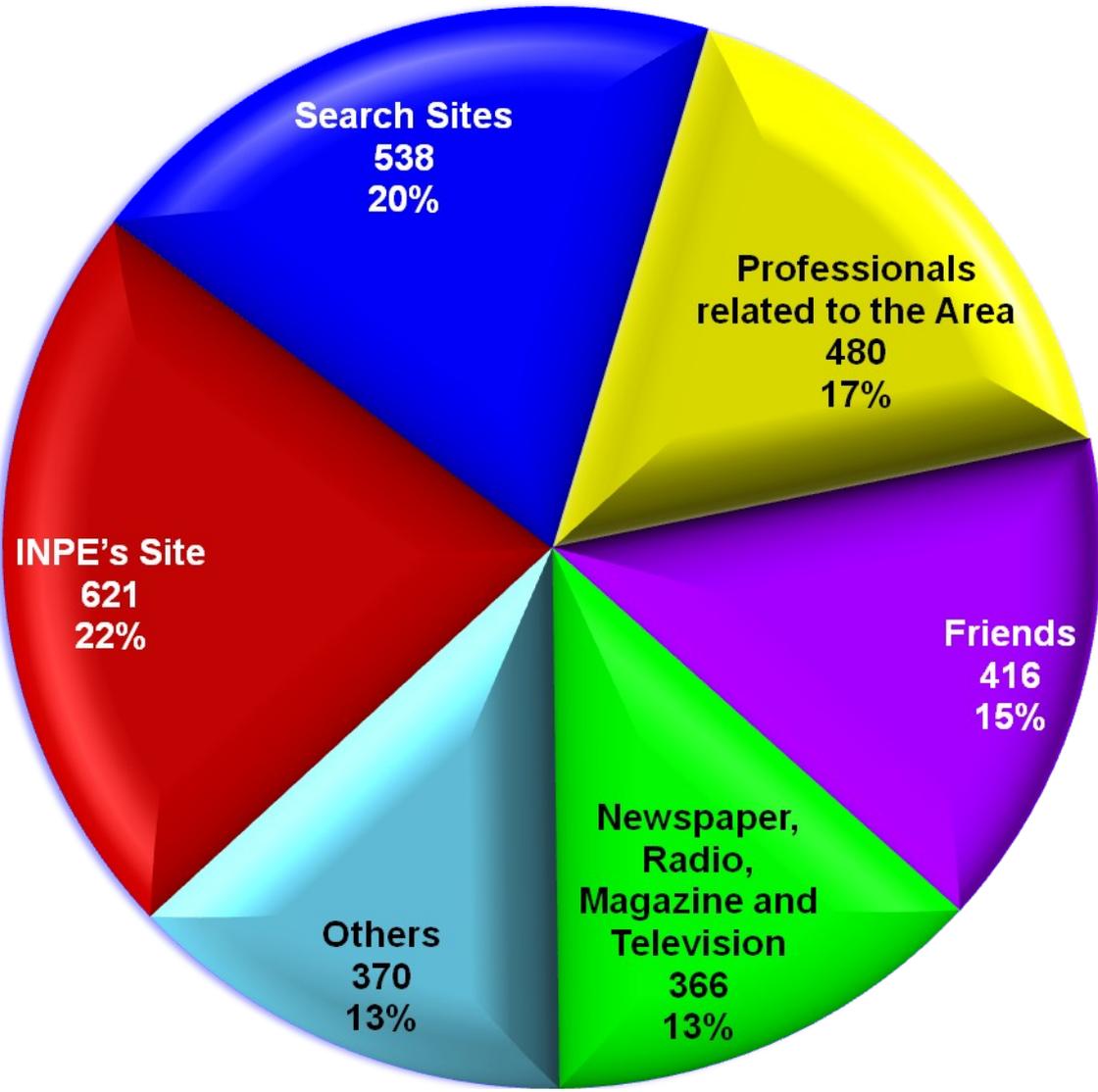
Suggestions of the participants about the courses and seminars which the CPTEC could perform

Courses and Seminars	No. of Indications		Courses and Seminars	No. of Indications		Courses and Seminars	No. of Indications	
	Total	%		Total	%		Total	%
Basic Meteorology for Municipal Agents, Educators and Laypeople	144	14.8	Energy: Wind / Renewables	13	1.3	Basic Meteorology for media professionals	4	0.4
Meteorological and Environmental Satellites: Analysis and Interpretation of Images	95	9.8	Ocean Forecast: Analysis and interpretation of the data	13	1.3	Climate: analysis and interpretation of data	3	0.3
Weather Forecast for Educators and Laypeople	67	6.9	Brazilian Regions Climate	11	1.1	Climate and Meteorology: Evaluation of environmental impacts	3	0.3
Meteorology applied to agriculture	59	6.1	Natural Disasters	11	1.1	Weather and Health	3	0.3
Climate Changes and its Environmental Impacts	58	6.0	Environmental Education	11	1.1	Astronomy	3	0.3
Database: Access, Analysis and Interpretation	52	5.3	Setup and Operation of Meteorological Station	10	1.0	Meteorology applied to various areas	3	0.3
Applied Meteorology to Aviation and Navigation	48	4.9	Air Quality	10	1.0	Climate X Business	2	0.2
Climate for Municipal Agents, Educators and Laypeople	28	2.9	Climate and Agriculture: How the weather forecast can help the country side man	10	1.0	Climate X Health	2	0.2
Numerical Modeling	27	2.8	Meteorology and the Environment	6	0.6	Weather: forecasting and the degree of reliability	2	0.2
Geoprocessing	24	2.5	Sinotic Meteorology	6	0.6	UV Radiation	2	0.2
Winds and Storms	22	2.3	Meteograms: Analysis and Interpretation of the data	5	0.5	GEMPAK	1	0.1
Using and Interpretation of the Information provided by the CPTEC	18	1.9	Weather Changes and its impacts in Agriculture and Livestock	5	0.5	Weather and Tourism	1	0.1
Numerical Prediction: Analysis and interpretation of the data	15	1.5	Grads	5	0.5	Geostatistics	1	0.1
Meteorology and the Actions of the Civil Defense	15	1.5	Radar: Analysis and Interpretation of Images	4	0.4	Conservation of Water Resources	1	0.1
Hydrometeorology	14	1.4	Burns	4	0.4	Various Titles	131	13.5
Total of Indications			972		100			

Note: In this question occurred the possibility of multiple indications, so there's the possibility about the number of indications being bigger than the participants.

How did the participants know about the products and services provided by the CPTEC/INPE?

**Total
2791**

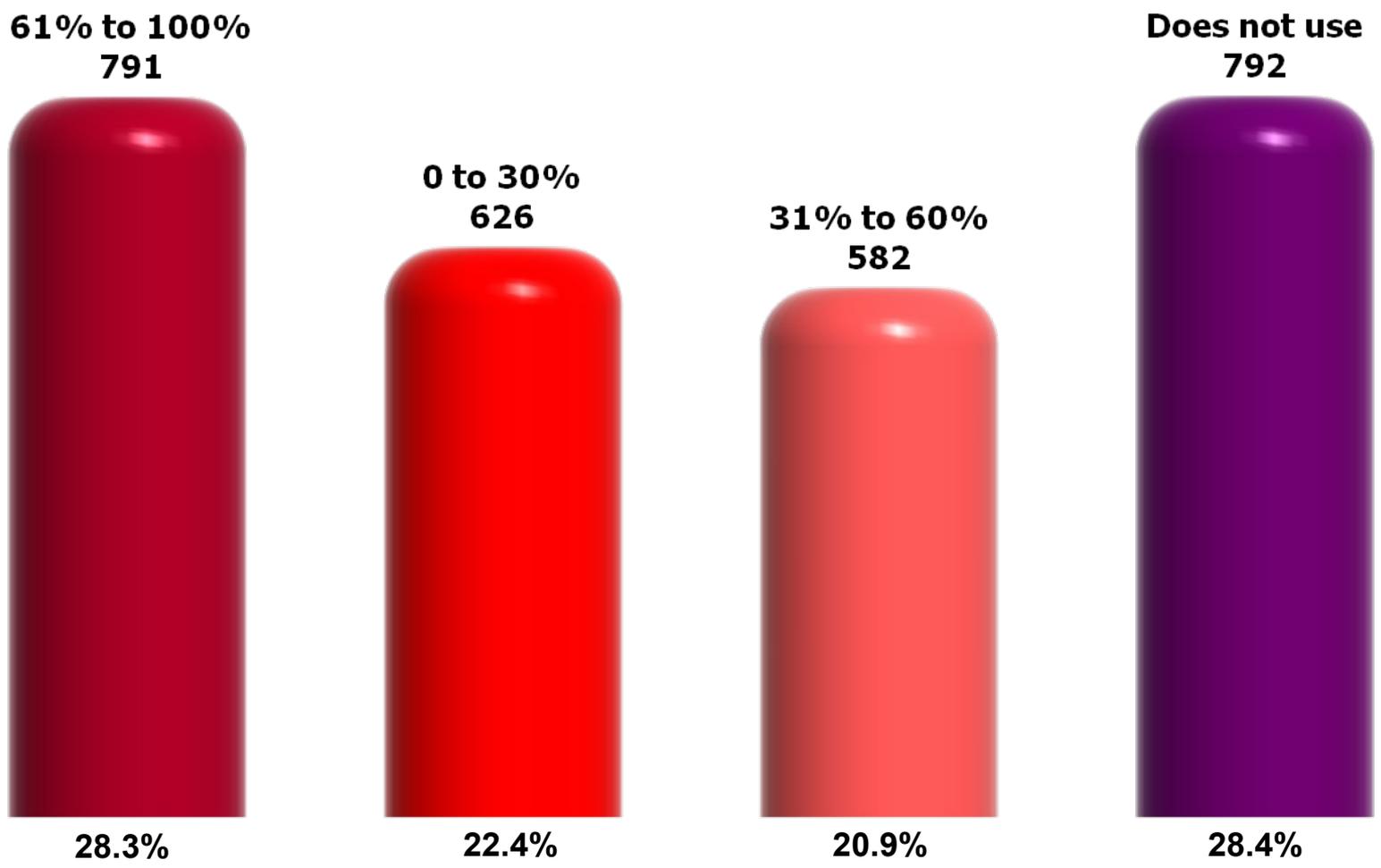


How did the participants know about the products and services provided by the CPTEC/INPE?

Categories	Number of Participants				Total	
	IF	%	CF	%	IF and CF	%
INPE's Sites	611	22.3	10	20.4	621	22.3
Search Sites	533	19.4	5	10.2	538	19.3
Professionals Related to the Area	465	17.0	15	30.6	480	17.2
Friends	412	15.0	4	8.2	416	14.9
Newspapers, Radio, Magazine and Television	361	13.2	5	10.2	366	13.1
Others	146	5.3	5	10.2	151	5.4
Congresses, Symposiuns and Seminars	123	4.5	4	8.2	127	4.6
Other Sites	62	2.3	1	2.0	63	2.3
Events INPE	29	1.1		0.0	29	1.0
Total	2742	100	49	100	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Observed Database



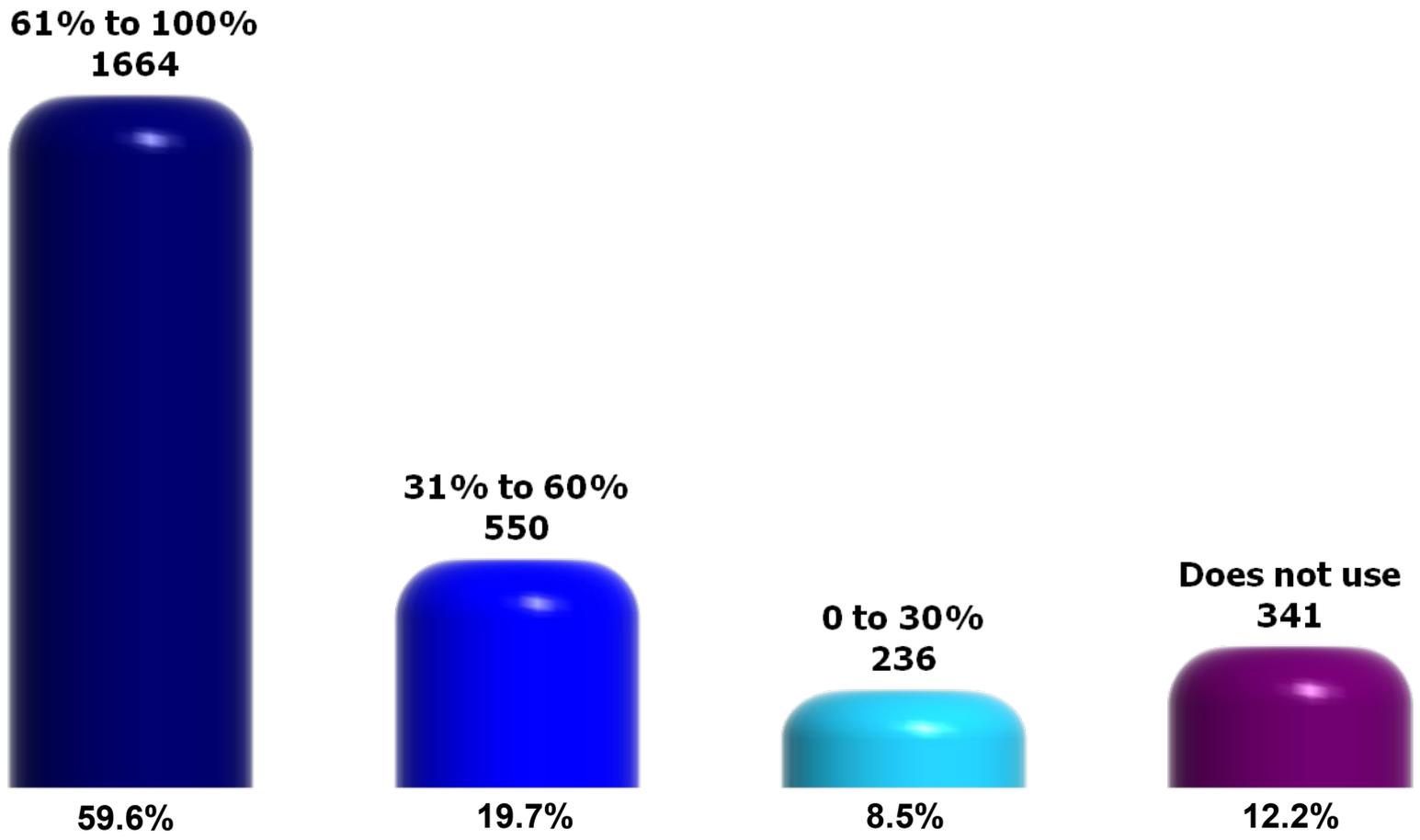
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Observed Database

Categories	IF	CF	Total	%
0 to 30%	616	10	626	22.4
31% to 60%	572	10	582	20.9
61% to 100%	779	12	791	28.3
Does not use	775	17	792	28.4
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Climate



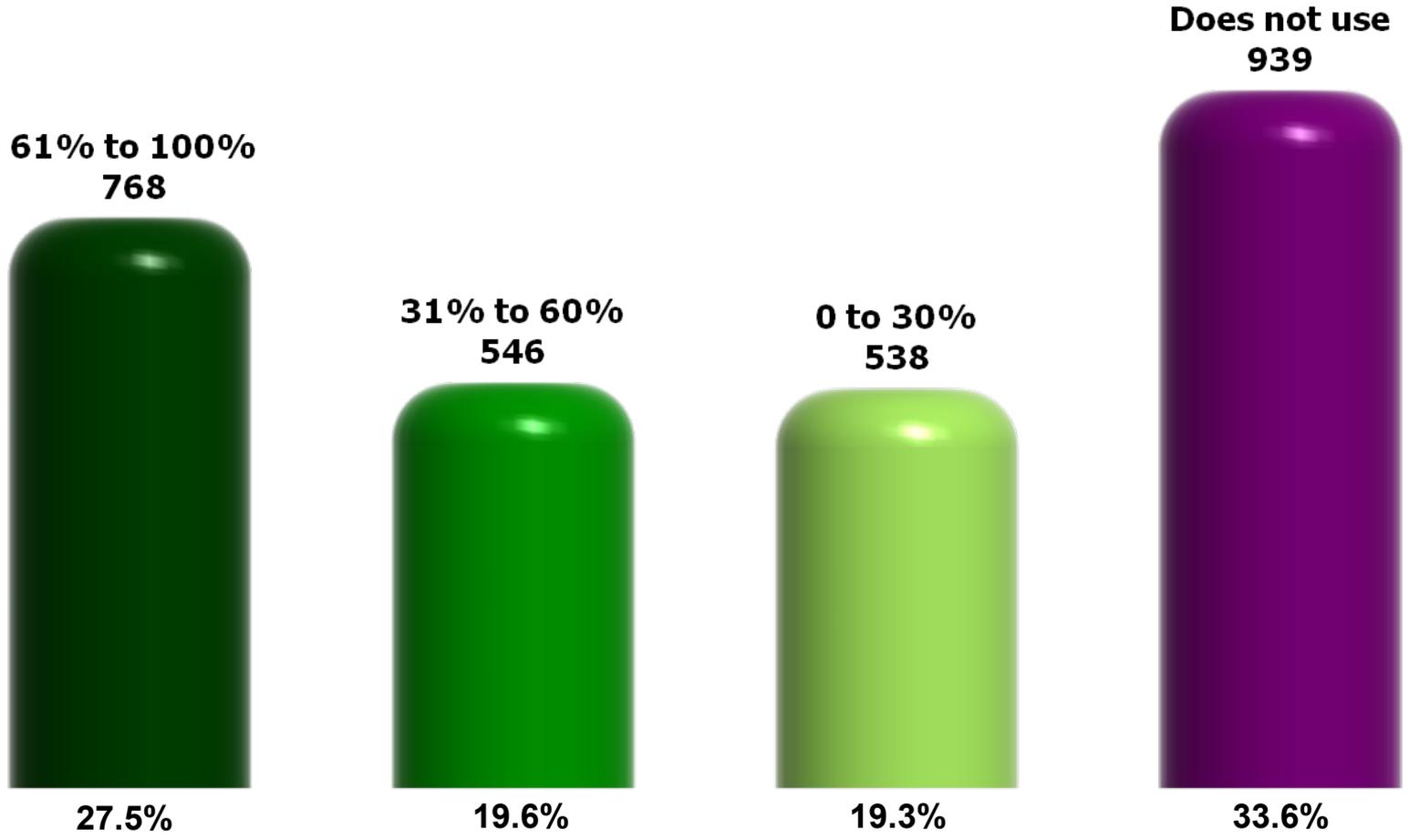
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Climate

Categories	IF	CF	Total	%
0 to 30%	233	3	236	8.5
31% to 60%	543	7	550	19.7
61% to 100%	1629	35	1664	59.6
Does not use	337	4	341	12.2
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Education



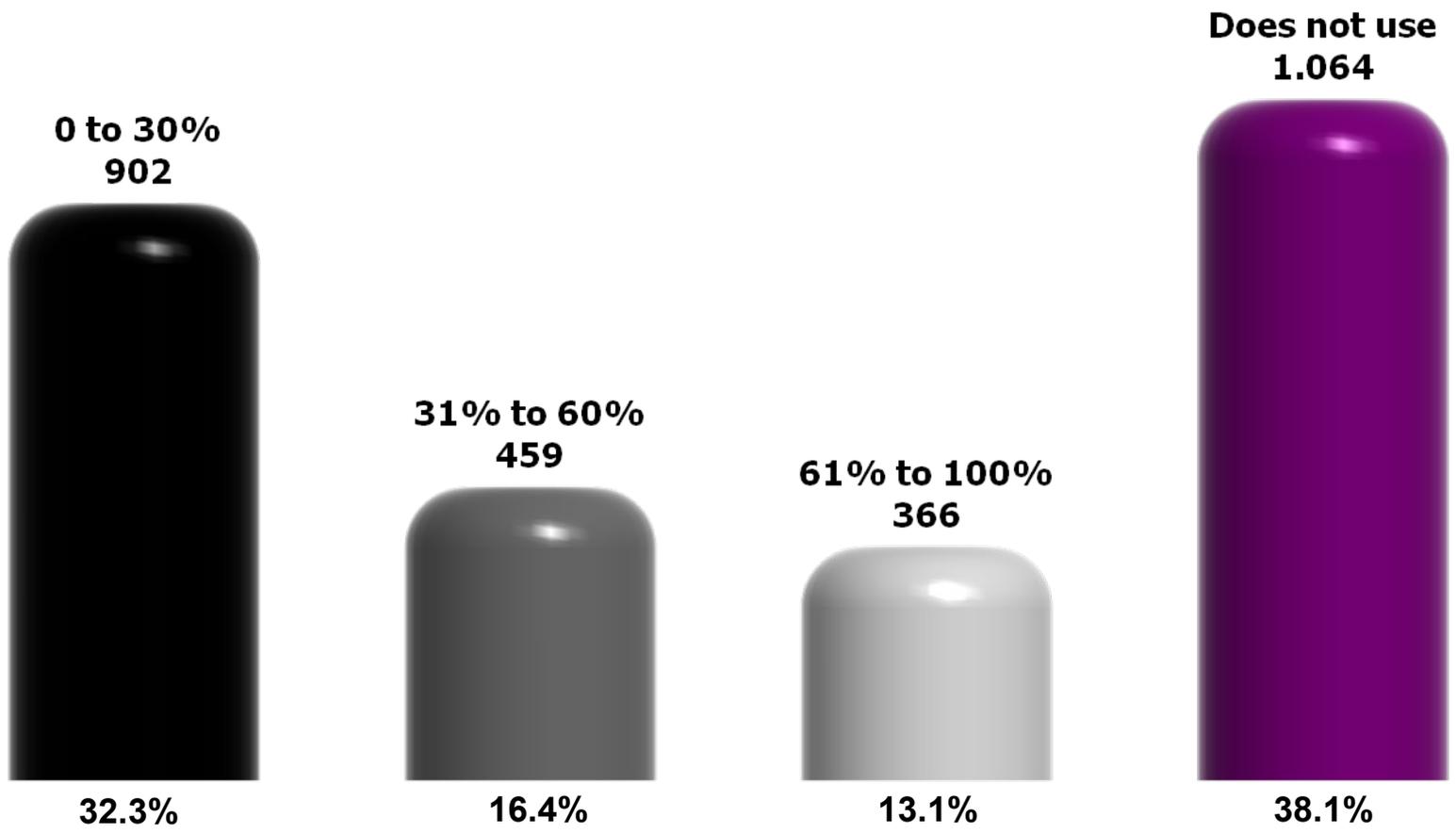
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Education

Categories	IF	CF	Total	%
0 to 30%	754	14	768	27.5
31% to 60%	535	11	546	19.6
61% to 100%	536	2	538	19.3
Does not use	917	22	939	33.6
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Energy



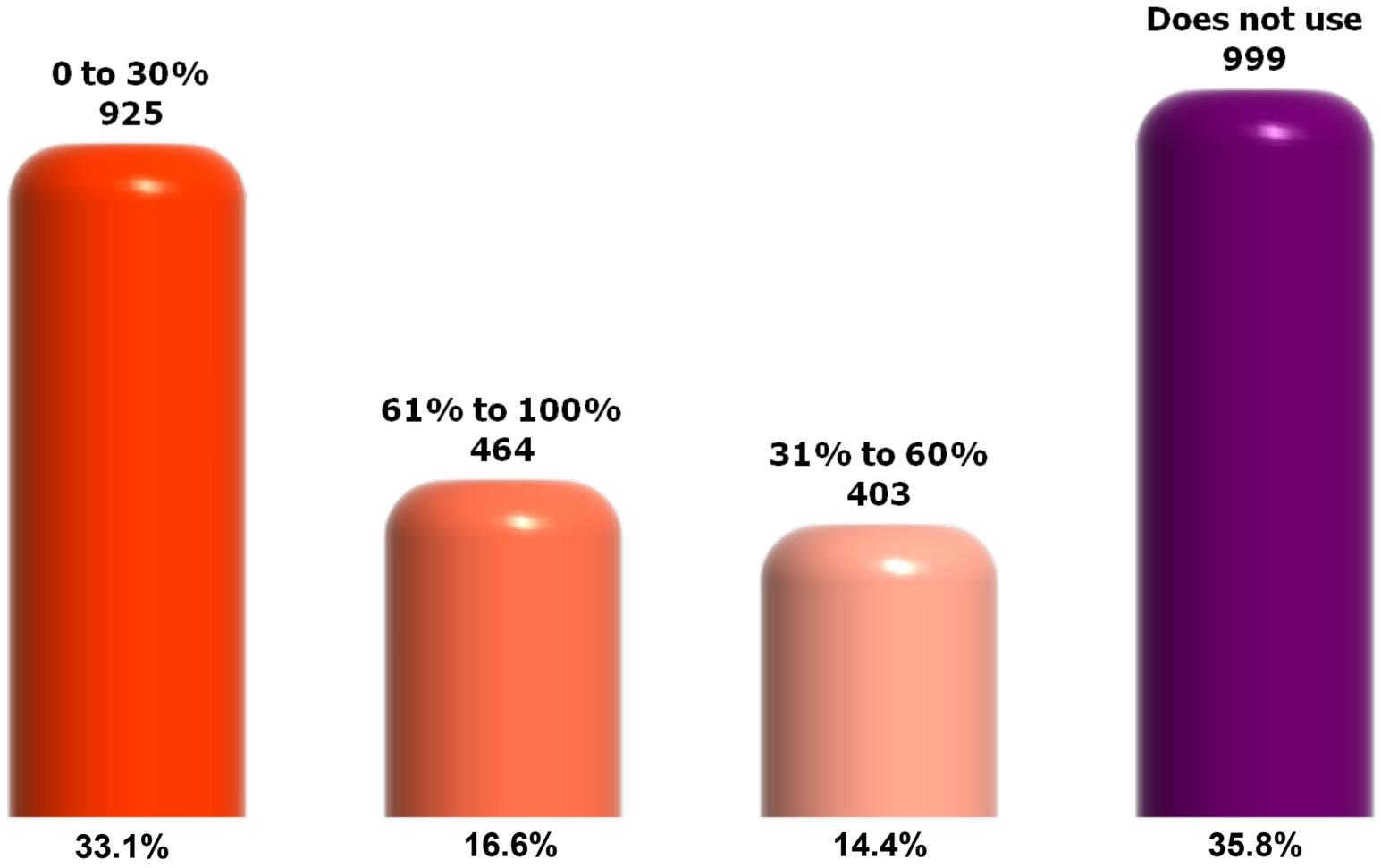
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Energy

Categories	IF	CF	Total	%
0 to 30%	889	13	902	32.3
31% to 60%	452	7	459	16.4
61% to 100%	360	6	366	13.1
Does not use	1041	23	1064	38.1
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Ocean Waves



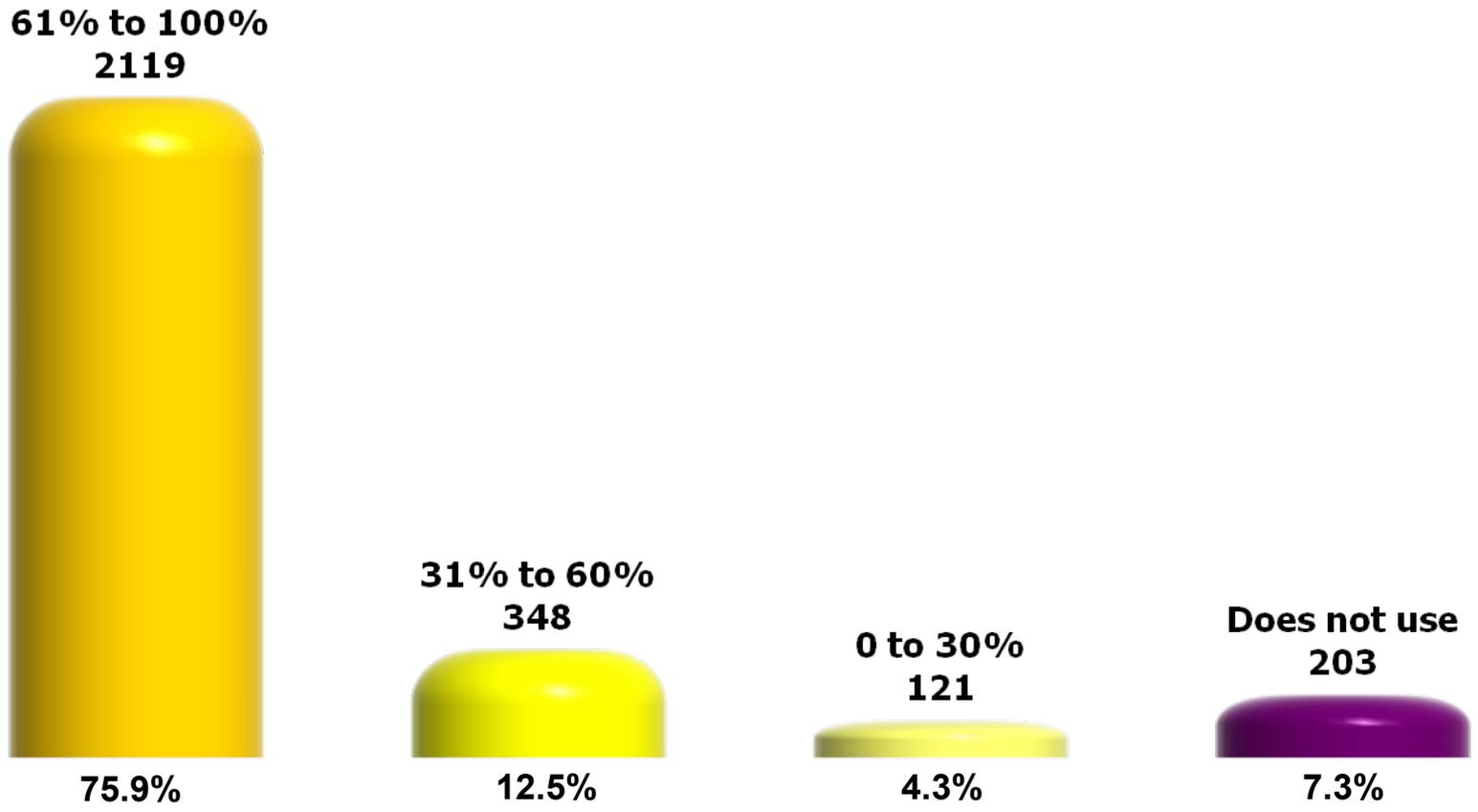
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Ocean Waves

Categories	IF	CF	Total	%
0 to 30%	909	16	925	33.1
31% to 60%	397	6	403	14.4
61% to 100%	461	3	464	16.6
Does not use	975	24	999	35.8
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Weather Forecast



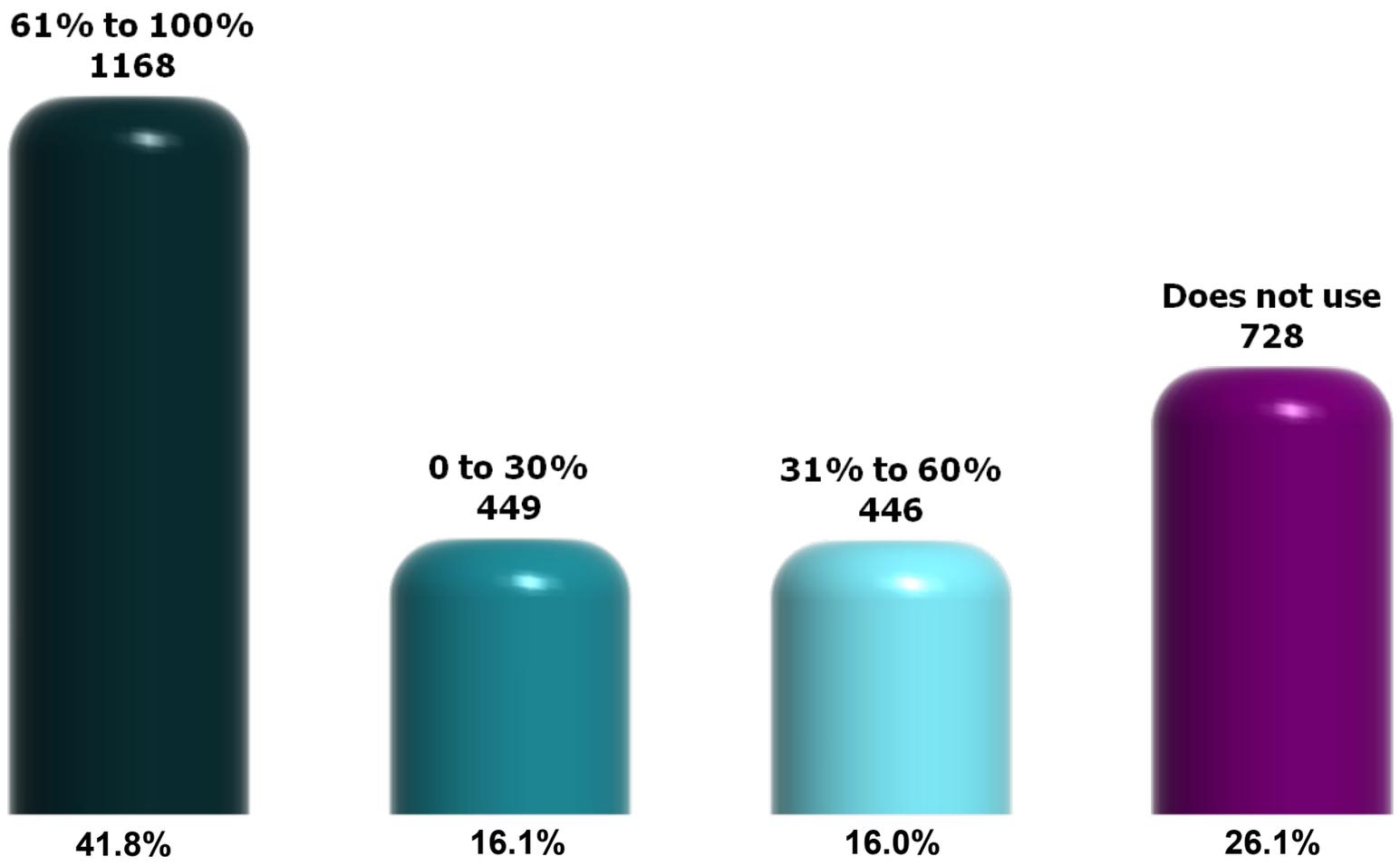
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Weather Forecast

Categories	IF	CF	Total	%
0 to 30%	120	1	121	4.3
31% to 60%	342	6	348	12.5
61% to 100%	2079	40	2119	75.9
Does not use	201	2	203	7.3
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Numerical Prediction



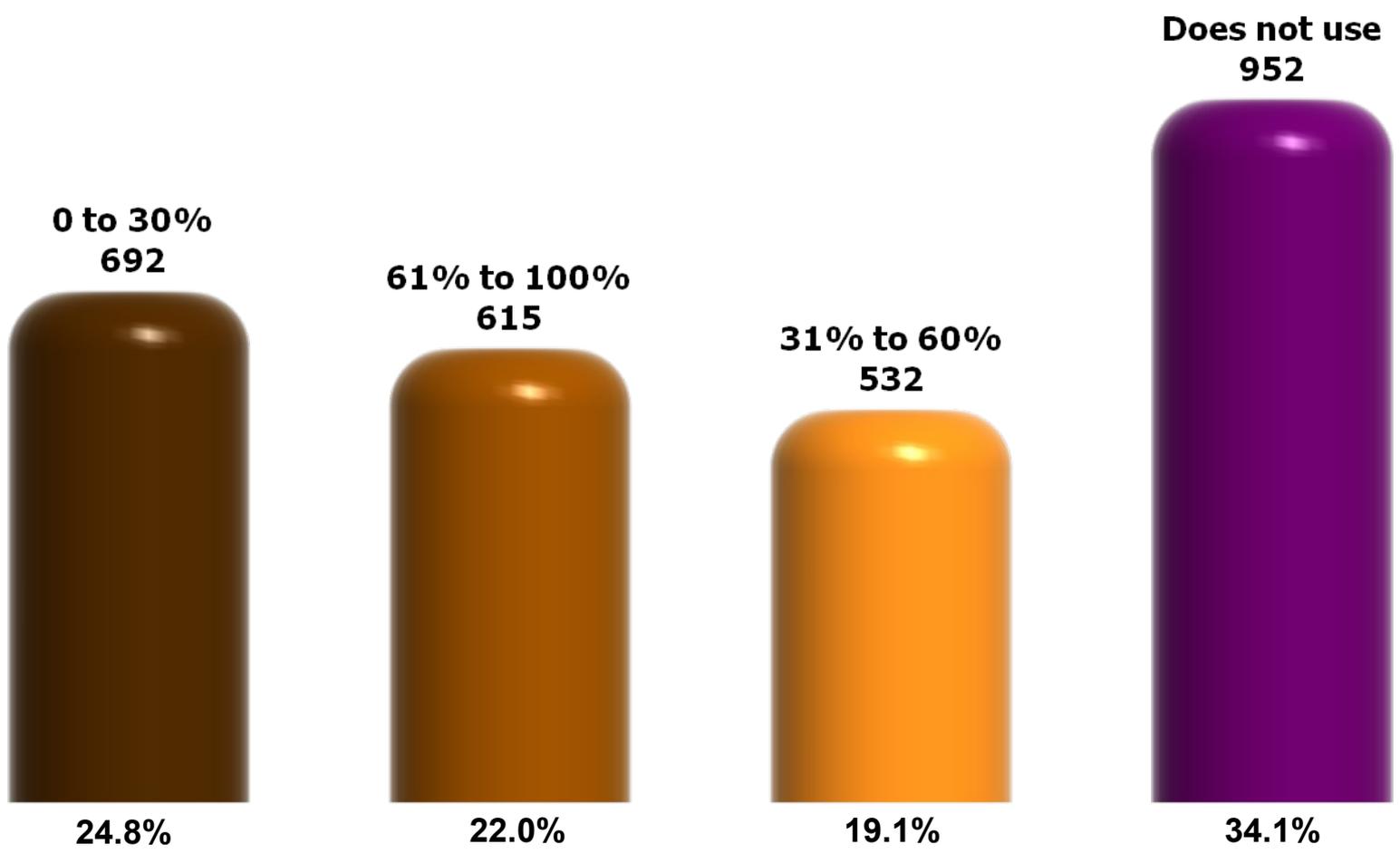
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Numerical Prediction

Categories	IF	CF	Total	%
0 to 30%	445	4	449	16.1
31% to 60%	439	7	446	16.0
61% to 100%	1141	27	1168	41.8
Does not use	717	11	728	26.1
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Air Quality



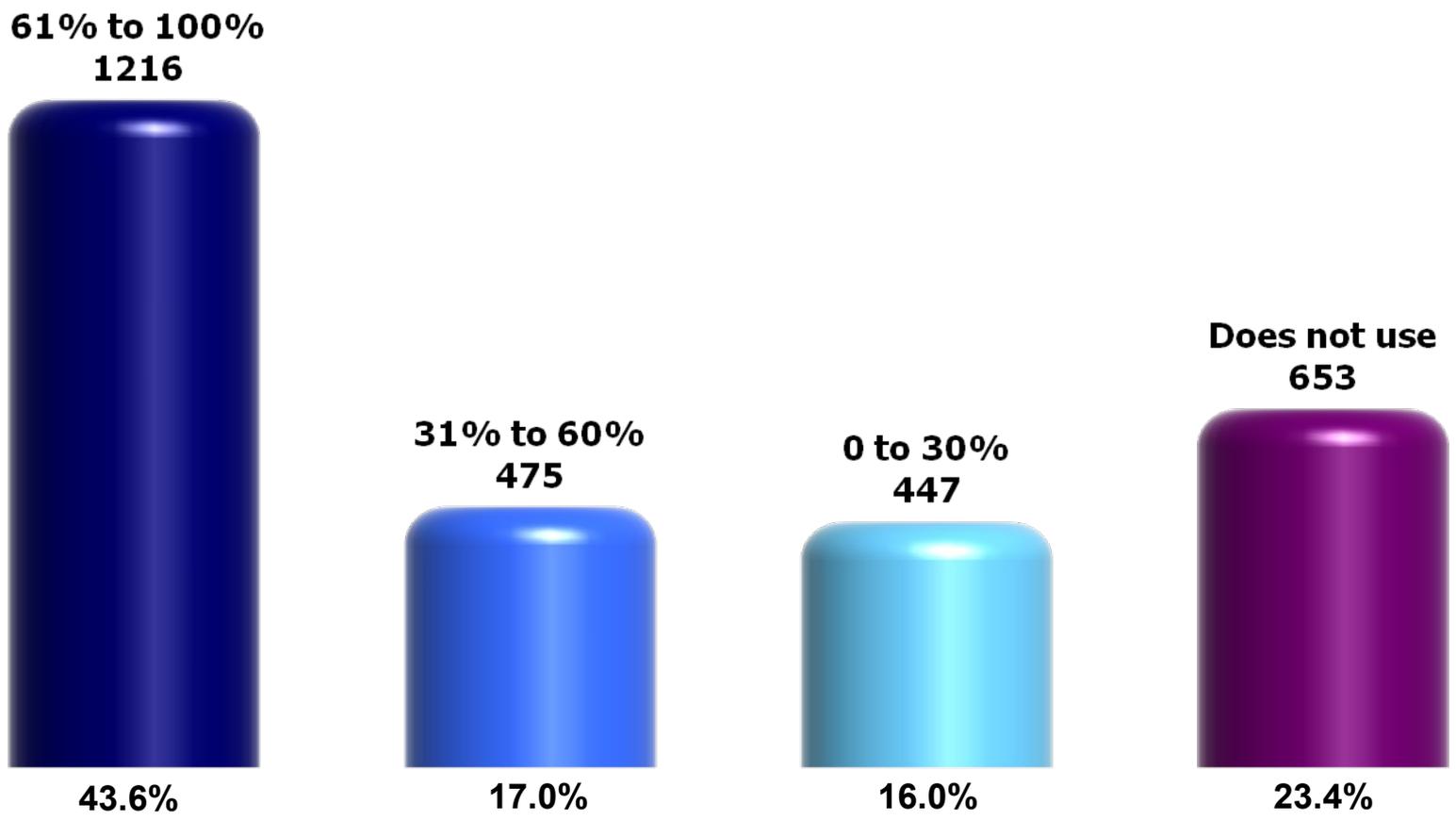
Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Air Quality

Categories	IF	CF	Total	%
0 to 30%	681	11	692	24.8
31% to 60%	526	6	532	19.1
61% to 100%	607	8	615	22.0
Does not use	928	24	952	34.1
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Meteorological and Environmental Satellites



Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

Meteorological and Environmental Satellites

Categories	IF	CF	Total	%
0 to 30%	443	4	447	16.0
31% to 60%	465	10	475	17.0
61% to 100%	1197	19	1216	43.6
Does not use	637	16	653	23.4
Total	2742	49	2791	100

Evaluation of importance of the products and services from the CPTEC to the participants of the Survey?

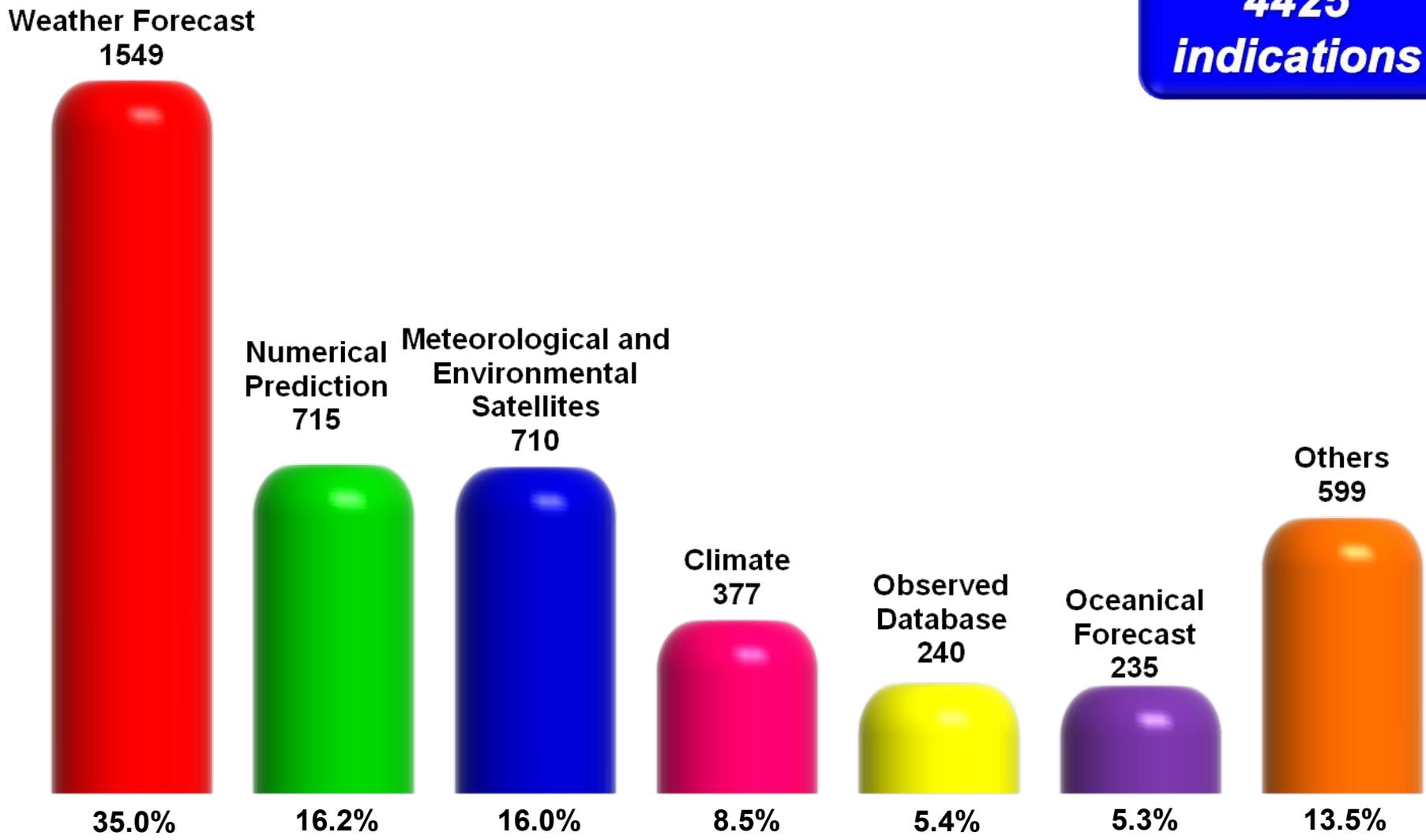
Categories	Observed Database	Climate	Education	Energy	Ocean Waves	Weather Forecast	Numerical Prediction	Air Quality	Meteorological and Environmental Satellites	Total
0 to 30%	626	236	768	902	925	121	449	692	447	5166
31% to 60%	582	550	546	459	403	348	446	532	475	4341
61% to 100%	791	1664	538	366	464	2119	1168	615	1216	8941
Does not use	792	341	939	1064	999	203	728	952	653	6671
Total	2791	2791	2791	2791	2791	2791	2791	2791	2791	25119

Categories	Observed Database	Climate	Education	Energy	Ocean Waves	Weather Forecast	Numerical Prediction	Air Quality	Meteorological and Environmental Satellites	Total
0 to 30%	626	236	768	902	925	121	449	692	447	5166
Position	5	8	3	2	1	9	6	4	7	
31% to 60%	582	550	546	459	403	348	446	532	475	4341
Position	1	2	3	6	8	9	7	4	5	
61% to 100%	791	1664	538	366	464	2119	1168	615	1216	8941
Position	5	2	7	9	8	1	4	6	3	
Total	1999	2450	1852	1727	1792	2588	2063	1839	2138	18448
%	10.8	13.3	10.0	9.4	9.7	14.0	11.2	10.0	11.6	100
Position	5	2	6	9	8	1	4	7	3	

Nota: In this question occurred the possibility of multiple indications (services and products x tracks of percentage of importance), so the same can be bigger or smaller than the number of participants.

From the services and products offered by the CPTEC/INPE, which ones are used more often?

4425
indications



Note: In this question occurred the possibility of multiple indications, so the same can be bigger or smaller than the number of participants.

From the services and products offered by the CPTEC/INPE, which ones are used more often ?

Services and Products from CPTEC	No. of Indications	%
Weather Forecast	1549	35.0
Numerical Prediction	715	16.2
Satellites Images	710	16.0
Climate	377	8.5
Observed Database	240	5.4
Oceanical Prediction	235	5.3
Education / Educational Material / Educational Videos	90	2.0
Air Quality	84	1.9
Rainfall	73	1.6
Burns	68	1.5
Winds	68	1.5
All	51	1.2
Radar	35	0.8
Energy	33	0.7
Data Collection Plataform	26	0.6
Rays	19	0.4
Climate Changes	16	0.4
Meteorological Alerts	15	0.3
Ultraviolet Index	12	0.3
LIM	3	0.1
Web Seal	3	0.1
News	3	0.1
Total	4425	100

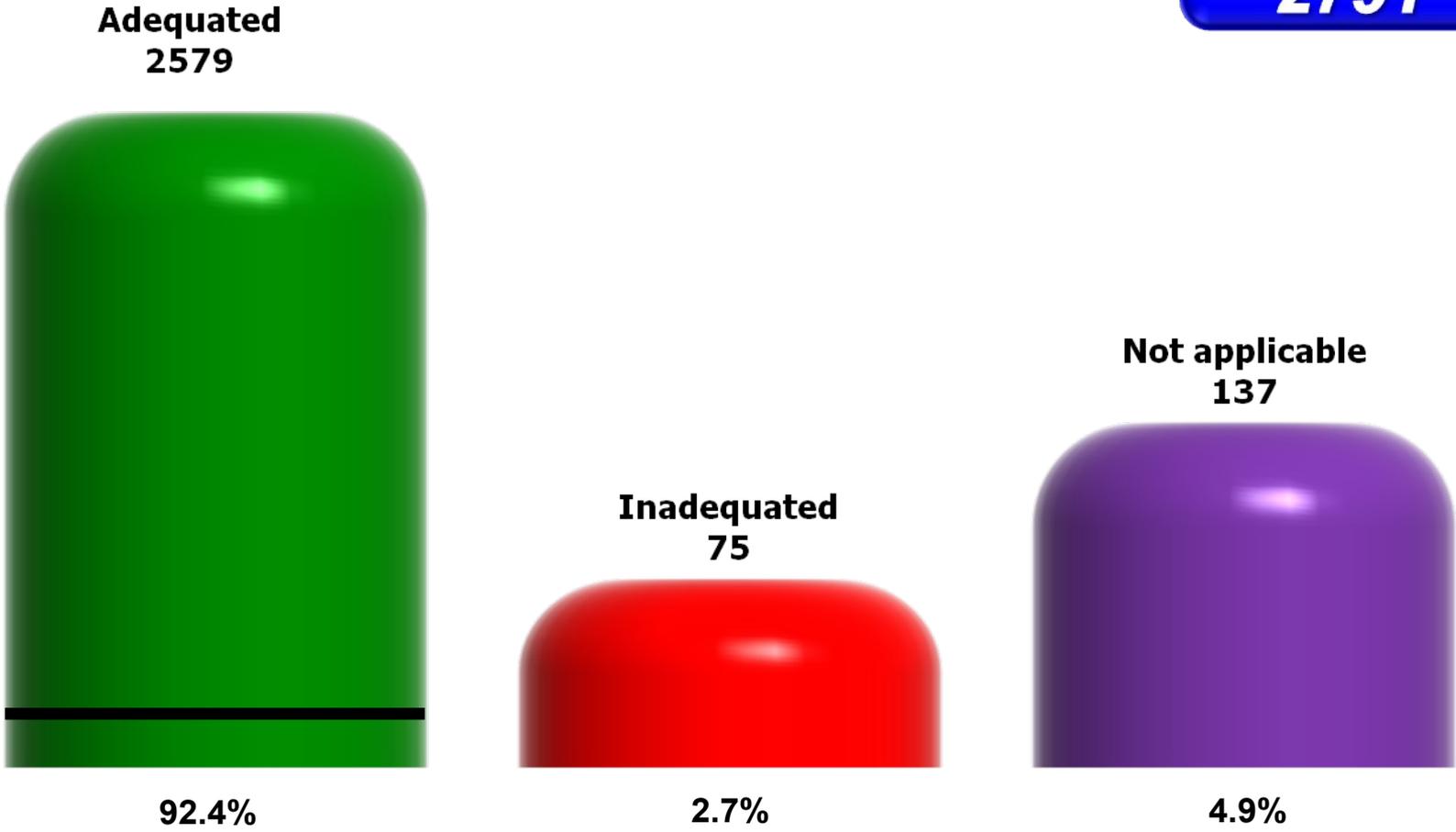
Note: In this question occurred the possibility of multiple indications, so the same can be bigger or smaller than the number of participants.

Suggestions sent by the participants related to the services and products from the CPTEC/INPE:

Suggestions sent by the participants of the Survey	No. of suggestions	%
Weather forecast and meteorological alerts by email, cellphone, radio and TV	314	15.7
Are adequate	279	14.0
Observed Database: free access, easy and fast, history and update often	127	6.4
Satellites: updated images, with subtitles, high definition, animation and easy access	121	6.1
Products by cities: rainfall data, climatological information, climatology and numerical model data	96	4.8
PCD: network expansion, new products and easy and fast access	85	4.3
CPTEC website: ease of finding information, objective and non-scientific texts with no writing erros, instructions and glossary	76	3.8
Education: develop materials on environmental education, meteorology, climate, etc..	60	3.0
Waves: alerts by e-mail and clear analysis on the subject	52	2.6
Radar: general information	48	2.4
Agriculture: develop specific services for the sector	39	2.0
Numerical prediction: fast and easy access, animation, simple graphics, history, assertive, and frequent updates for all cities in the country	33	1.7
Training: at distance and in various parts of the country	29	1.5
Marketing: broader dissemination of products and services from the CPTEC	27	1.4
Meteograms: single model for every city in the country	18	0.9
Climate: updated data, detailed analysis, its effects on the population and economy	18	0.9
Civil Defense: services related to municipal civil defense	16	0.8
Air Quality: General Information	13	0.7
User services: online service with the presence of a meteorologist to solve doubts	11	0.6
UV: General Information	11	0.6
Other suggestions	526	26.3
Total	1999	100

To the participants' objectives the products and services from the CPTEC/INPE are:

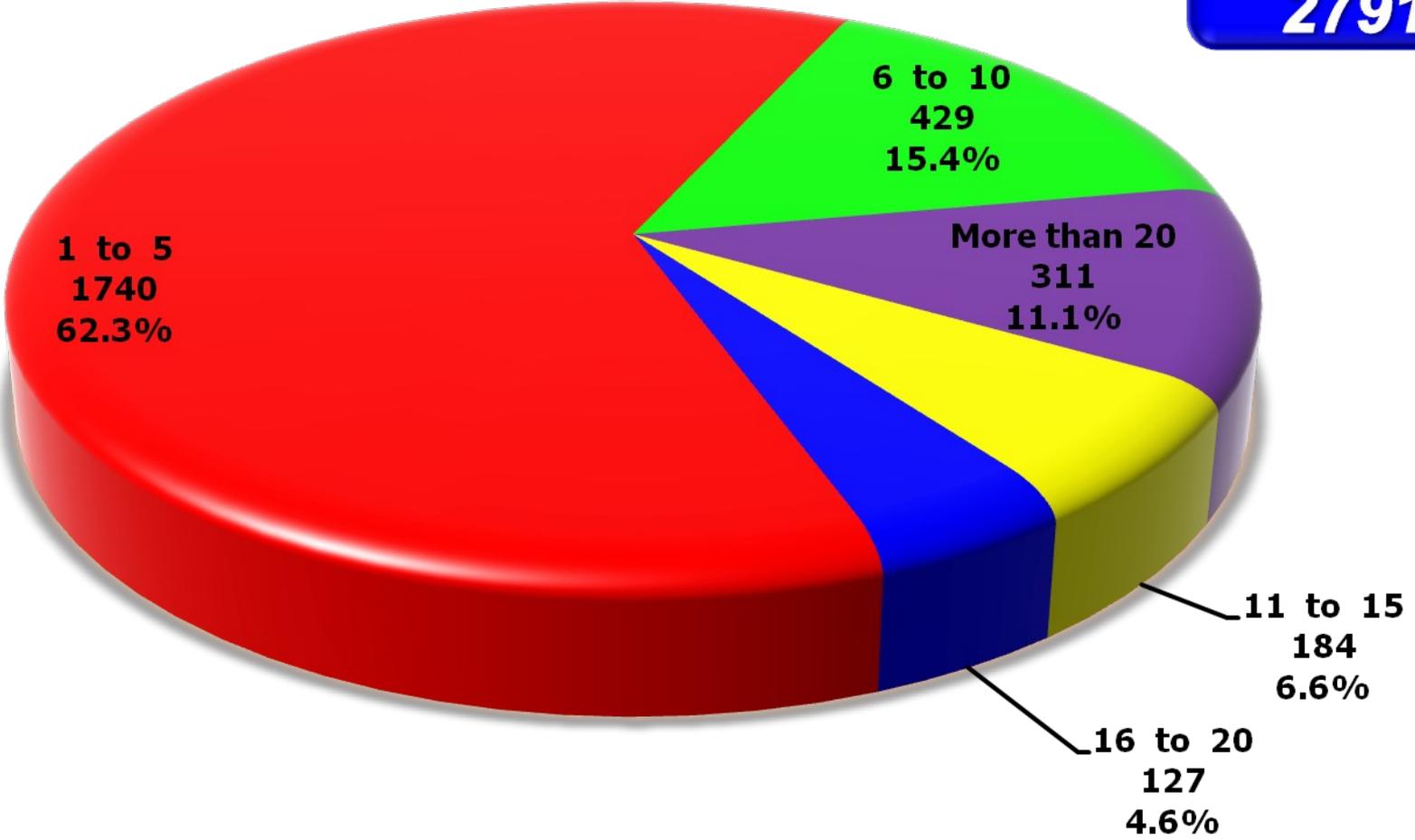
**Total
2791**



**Escale deformation
(n/10)**

From the services and products requested to the CPTEC/INPE in 2009, how much were actually used?

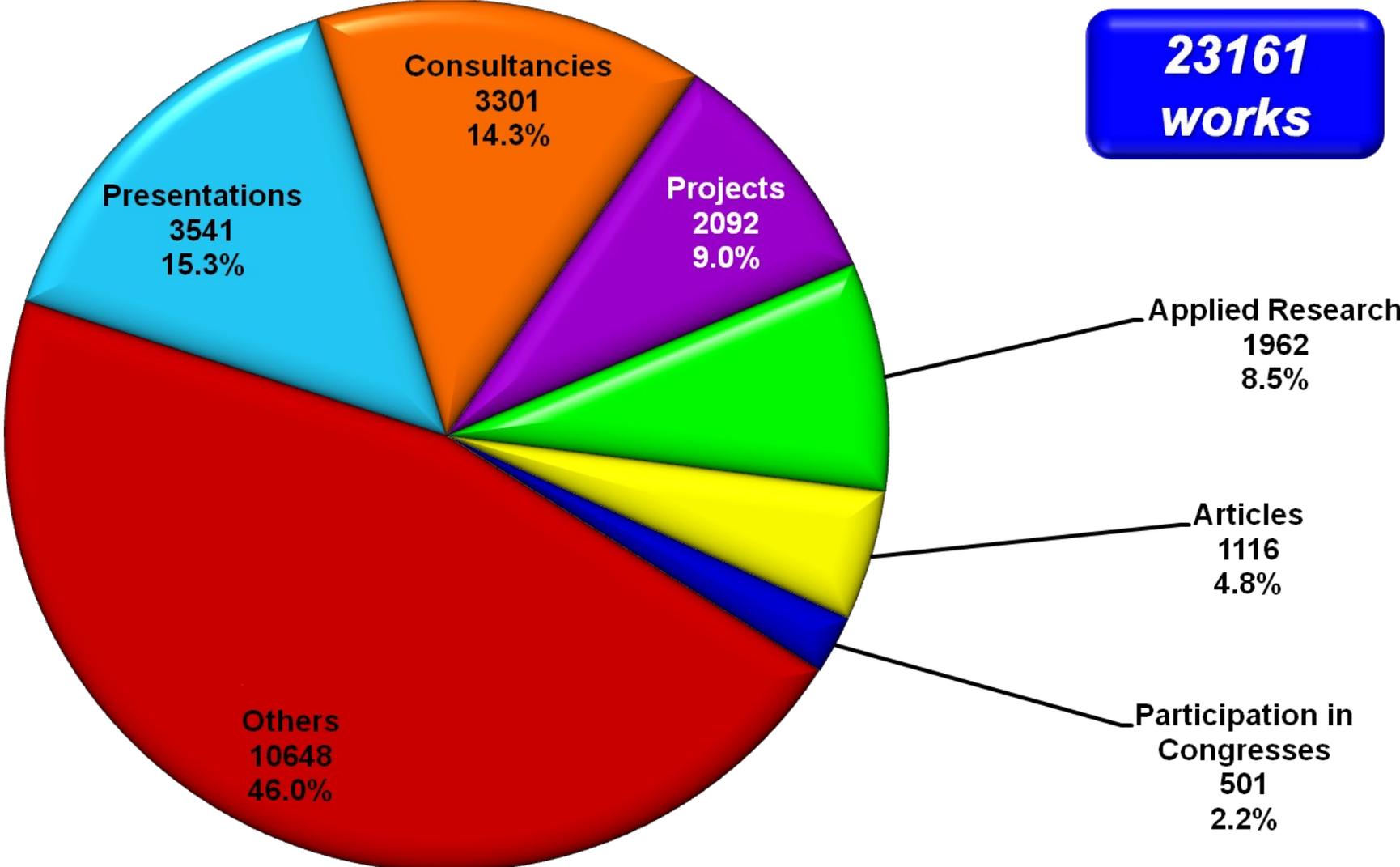
**Total
2791**



**1 to 5; 6 to 10; 11 to 15; 16 to 20; and More than 20: Tracks of the number of services and products
Number of participants and its respective percentage**

No. and types of works developed by the participants from the services and products provided by the CPTEC

23161 works



Note: In this question occurred the possibility of the participant indicate the number of works that have been developed, so the same can be bigger or smaller than the number of participants.

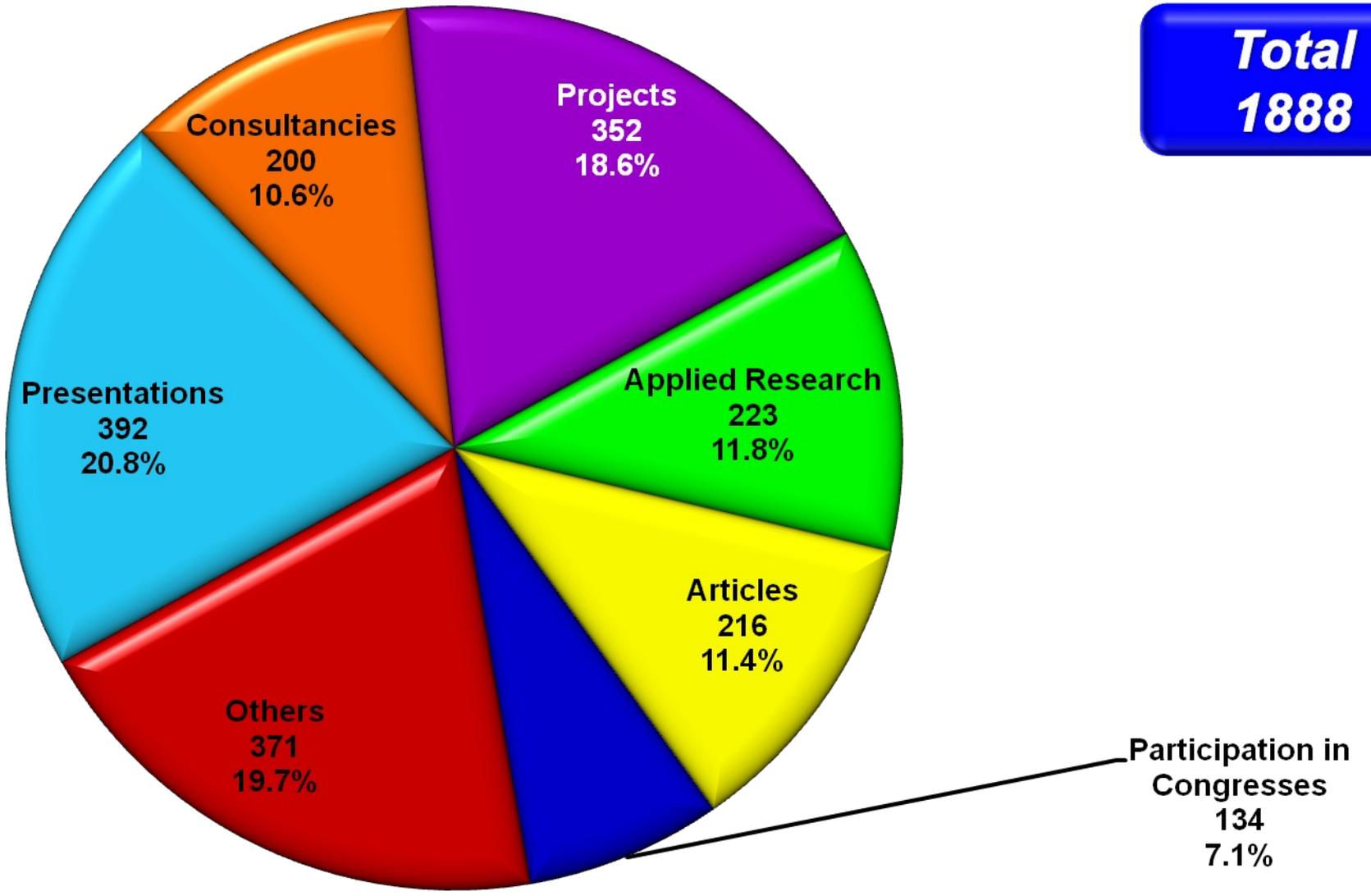
No. and types of works developed by the participants from the services and products provided by the CPTEC

Types of Works	Number of Works developed by Participants		Total	%
	IF	CF		
Presentations	3518	23	3541	15.3
Consultancies	3018	283	3301	14.3
Projects	2070	22	2092	9.0
Applied Research	1959	3	1962	8.5
Articles	1116	0	1116	4.8
Participation in Congresses	496	5	501	2.2
Dissertations	154	0	154	0.7
Doctoral Thesis	82	0	82	0.4
Other Works	10252	160	10412	45.0
Total	22665	496	23161	100

Note: In this question occurred the possibility of the participant indicate the number of works that have been developed, so the same can be bigger or smaller than the number of participants.

No. of participants who developed works from the services and products provided by the CPTEC

**Total
1888**



Note: In this question occurred the possibility of the participant indicate or not the number of works that have been developed, so the same can be smaller or equal to the number of participants.

No. of participants who developed works from the services and products provided by the CPTEC

Types of Works	Number of Participants which developed Works		Total	%
	IF	CF		
Presentations	386	6	392	20.8
Consultancies	193	7	200	10.6
Projects	346	6	352	18.6
Applied Research	220	3	223	11.8
Articles	216	0	216	11.4
Participation in Congresses	132	2	134	7.1
Dissertations	95	0	95	5.0
Doctoral Thesis	46	0	46	2.4
Other Works	225	5	230	12.2
Total	1859	29	1888	100

Note: In this question occurred the possibility of the participant indicate or not the number of works that have been developed, so the same can be smaller or equal to the number of participants.

From the services and products provided by the CPTEC

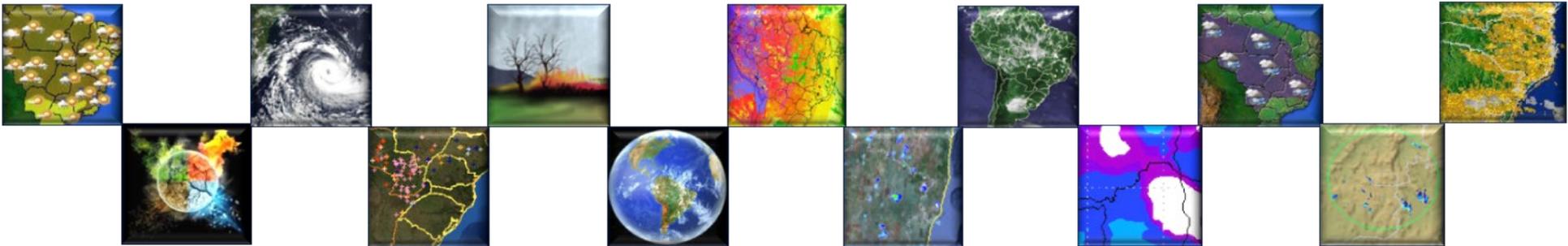
Average number of works developed VS No. of Participants

Types of Works	Average Number of Works vs No. of Participants
Presentations (3541 / 392 part.)	9
Consultancies (3301 / 200 part.)	17
Projects (2092 / 352 part.)	6
Applied Research (1962 / 223 part.)	9
Articles (1116 / 216 part.)	5
Participation in Congresses (501 / 134 part.)	4
Dissertations (154 / 95 part.)	2
Doctoral Thesis (82 / 46 part.)	2
Other Works (10412 / 230 part.)	45
Total Average (23.161 / 1.888 part.)	12

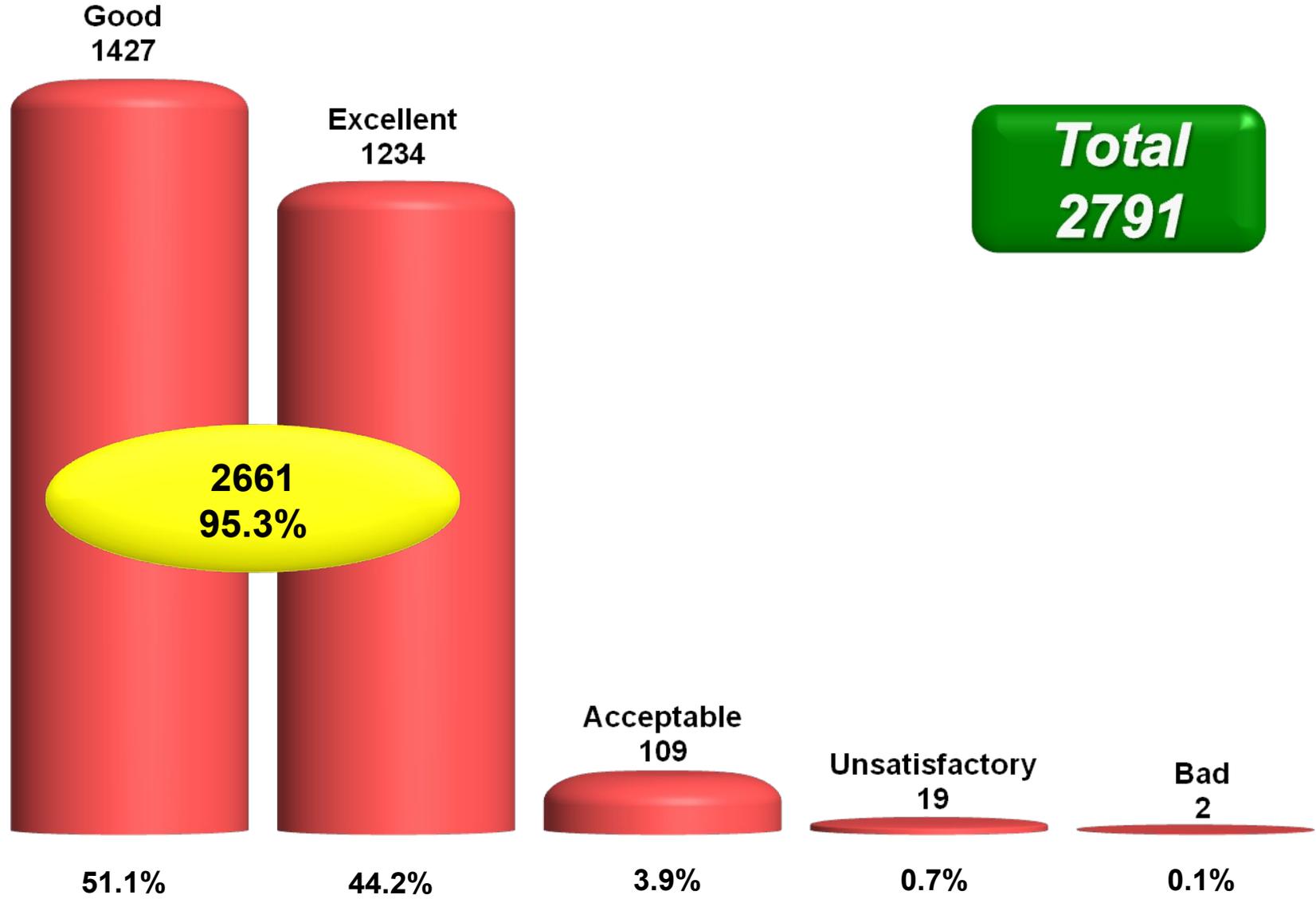


User's Profile
1st Survey - 2009

Indicators of Quality



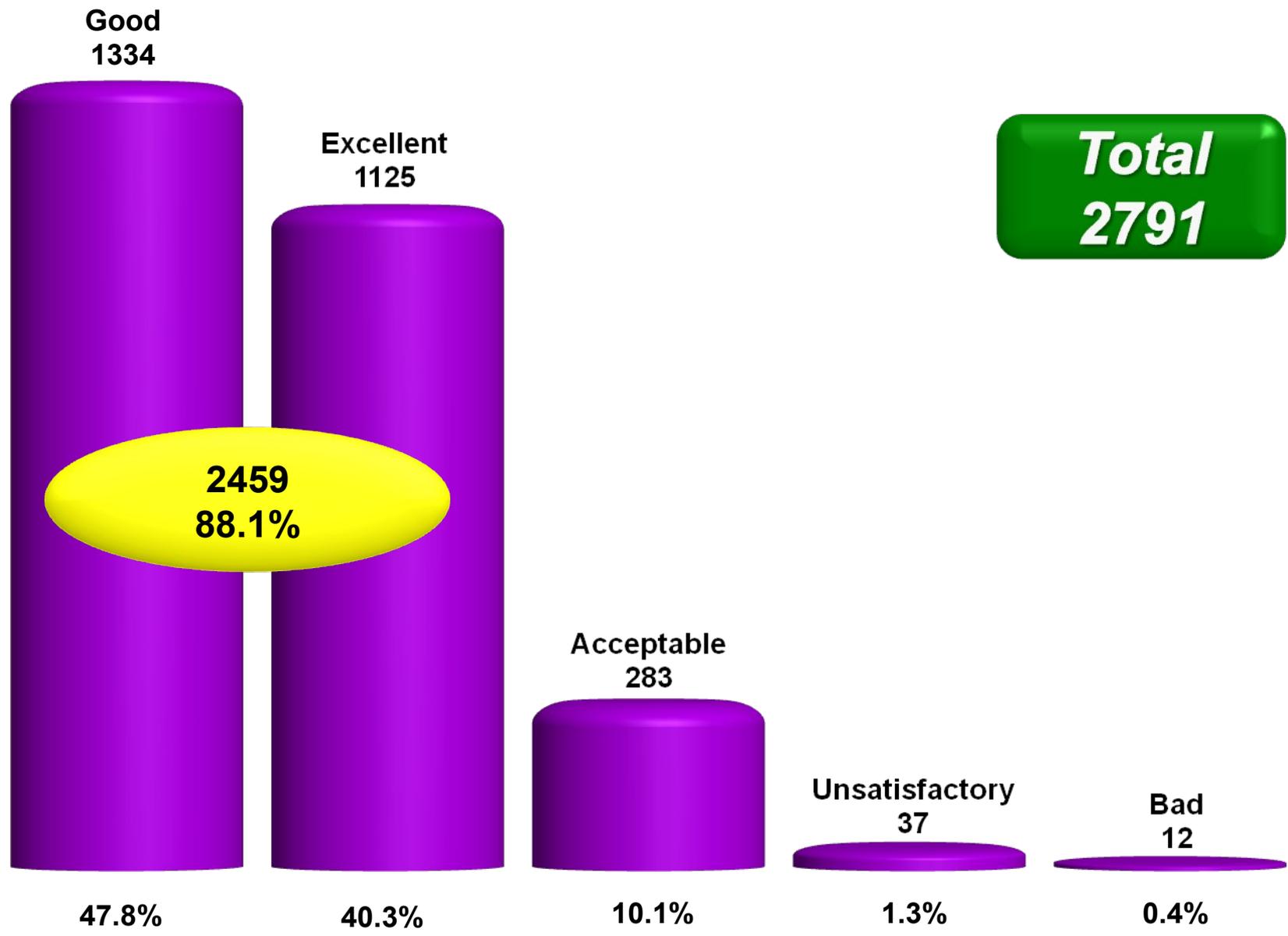
Evaluation of the participants related to the general quality of the services and products from the CPTEC



Evaluation of the participants related to the general quality of the services and products from the CPTEC

Categories	Number of Participants				Total	
	IF	%	CF	%	IF and CF	%
Good	1399	51.0	28	57.1	1427	51.1
Excellent	1214	44.3	20	40.8	1234	44.2
Acceptable	108	3.9	1	2.0	109	3.9
Unsatisfactory	19	0.7	-	0.0	19	0.7
Bad	2	0.1	-	0.0	2	0.1
Total	2742	100	49	100	2791	100

Evaluation of the participants related to the degree of ease to access the services and products from the CPTEC



Evaluation of the participants related to the degree of ease to access the services and products from the CPTEC

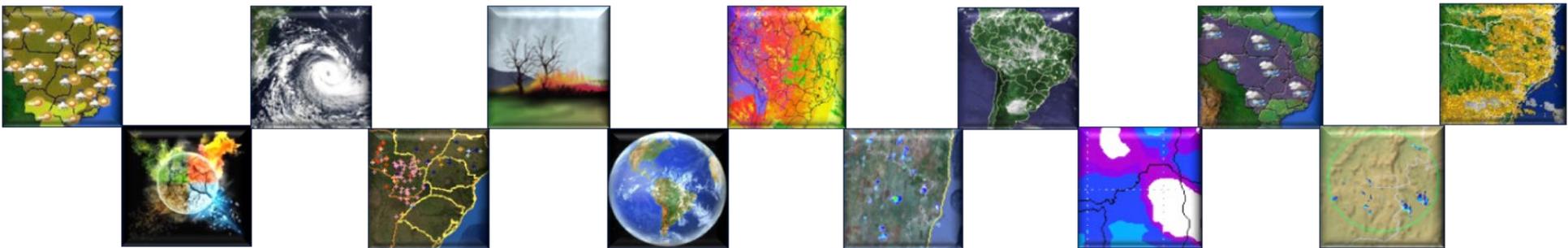
Categories	Number of Participants				Total	
	IF	%	CF	%	IF and CF	%
Good	1399	51.0	28	57.1	1427	51.1
Excellent	1214	44.3	20	40.8	1234	44.2
Acceptable	108	3.9	1	2.0	109	3.9
Unsatisfactory	19	0.7	-	0.0	19	0.7
Bad	2	0.1	-	0.0	2	0.1
Total	2742	100	49	100	2791	100



User's Profile

1st Survey - 2009

Estimation "Brazil"



Considering

Ref	Data	No.	%
Participants of the Survey	Universe: users registered on the CPTEC in 2009 (Brazil)	10844	100
	Number of participants who reported estimated savings	738	6.8
Estimate	Universe: users/day in 2009	59978	100
	Variation	4079	552.7

738: 2701 participants from the survey (less) 1963 that chose for "not applicable"

6.8%: Percentage of importance that informed the estimated savings, of the universe of users

59978: No. users from CPTEC in 2009 (Google Analytics)

4079: 6.8% of 59978

552.7%: percentage variation of 738 for 4079 participants

Estimates using the average of the no. of users from the CPTEC website in 2009 (Google Analytics)

Estimated savings generated by the participants in 2009 to the participants by the using of the services and products from the CPTEC

Ref	No. of Participants	Estimate Average of Savings in US\$	
		Annual	Monthly
Participants of the Survey	738	21,062,500	1,755,208
	Average per Participant	28,540	2,378
Estimate	4079	116,414,550	9,701,212
	Average per Participant	28,540	2,378

738: 2701 participants from Brazil (less) 1963 that chose for "not applicable"

552.7%: percentage variation of 738 for 4079 participants

4079: 738 participants from Brazil x 552.7%

By using the services and products from the CPTEC, did the participants hire new staff?

Ref	No. of Participants	Total of Employees hired
Participants of the Survey	46	241
	Average per Participant	5
Estimate	254	1333
	Average per Participant	5

46: No. of participants from Brazil that hired

552.7%: percentabe variation of 738 for 4079 participants

254: 46 participants from Brazil x 552.7%



User's Profile
1st Survey - 2009



Thank You!

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