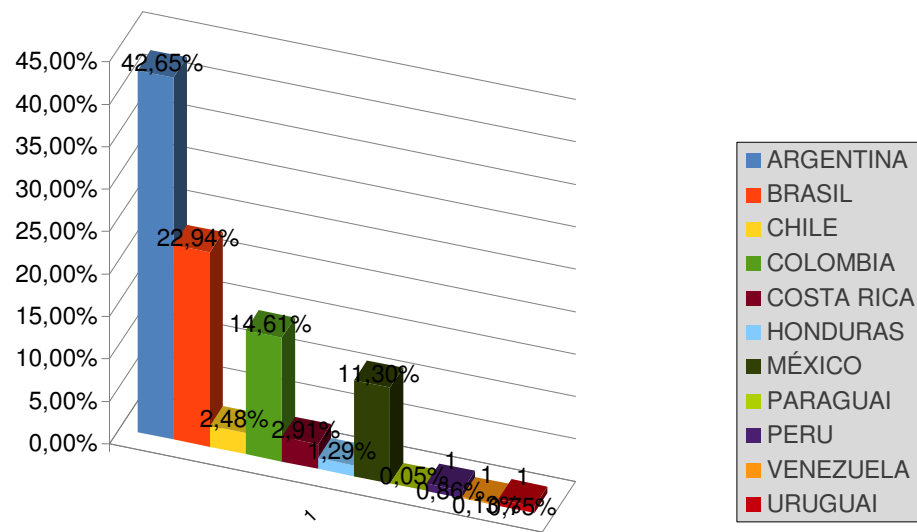


	DEZ / 2011	JAN / 2012	FEV / 2012	MAR / 2012	ABR / 2012	MAIO / 2012	JUN / 2012	JUL / 2012	AGO / 2012	SET / 2012	OUT / 2012	
PAÍS												
ARGENTINA	957	1063	1182	1254	1306	1373	1461	1480	1529	1555	1582	42,65%
BRASIL	563	566	542	561	572	676	724	736	775	831	851	22,94%
CHILE	32	34	40	50	51	62	65	65	67	92	92	2,48%
COLOMBIA	442	443	452	452	454	460	472	472	472	472	542	14,61%
COSTA RICA	94	94	95	96	96	103	103	107	107	107	108	2,91%
HONDURAS	34	34	34	34	34	34	34	34	39	40	48	1,29%
MÉXICO	272	272	284	289	298	324	329	345	374	390	419	11,30%
PARAGUAI	2	2	2	2	2	2	2	2	2	2	2	0,05%
PERU	31	31	32	32	32	32	32	32	32	32	32	0,86%
VENEZUELA	5	5	5	5	5	5	5	5	5	5	5	0,13%
URUGUAI	28	28	28	28	28	28	28	28	28	28	28	0,75%
TOTAIS	2460	2572	2696	2803	2878	3099	3255	3306	3430	3554	3709	100,00%

País	Total
Argentina	9
Brasil	24
Chile	6
Costa Rica	1
Colombia	2
Honduras	1
México	10
Paraguay	1
Peru	3
Venezuela	1
Uruguay	1
Cuba	1
	60



Centro	Qtd casos registrados ABR/2012	Qtd casos registrados MAIO/2012	Qtd casos registrados jun/2012	Qtd casos registrados jul/2012	Qtd casos registrados ago/2012	Qtd casos registrados set/2012	Qtd casos registrados out/2012
* 1000 – Vários médicos de diferentes instituições do Brasil	214	245	245	245	245	245	245
1020 - Hospital de Clínicas de Porto Alegre – UFRGS	56	56	56	56	56	56	56
1030 - Instituto de Dermatologia Prof. Rubem D. Azulay (Setor de Alergia e Imunologia Dermatológica) - Santa Casa da Misericórdia do Rio de Janeiro SCMRJ	1	1	1	1	1	1	1
1040 - Hospital de Clinicas da Universidade Federal de Uberlandia	15	15	15	15	15	15	15
1050 - Ambulatório de Alergo-Imuno-Pediatria do CPPHO-ComHUPES-UFBA	3	3	3	3	3	3	3
1060 - Serviço de Imunologia, Alergia e Reumatologia – Faculdade de Medicina de Ribeirão Preto – USP	18	20	39	39	48	61	78
1070 – Pediatria Hospital das Clínicas USP	1	1	1	1	1	1	1
1080 - Hospital Infantil Joana de Gusmão, Secretaria da Saúde do Estado de Santa Catarina	3	3	3	3	3	3	3
1085 - Faculdade de Medicina de Campos	3	3	3	3	3	3	3
1090 - Hospital de Base do Distrito Federal – Brasília	15	15	15	15	15	15	15
1100 - UFRJ / IPPMG	26	26	26	26	26	26	26
1110 – Faculdade de Medicina Unicamp	14	14	14	14	14	14	14
1120 – EPM-UNIFESP	124	191	216	217	247	290	293
1130 – Faculdade de Medicina USP	1	1	1	1	1	1	1
1140 - HOSPITAL UNIVERSITARIO JULIO MULLER	7	7	7	7	7	7	7
1160 - Hospital de Clínicas Universidade Federal do Paraná	1	1	1	1	1	1	1
1170 - Hospital de Clínicas da Universidade Federal do Paraná (HC-UFPR)	0	0	0	0	0	0	0
1180 - Unidade de Pesquisa Clínica do Hospital das Clínicas de Botucatu -FMB /UNESP	68	68	68	68	68	68	68
1150 - Hospital de Niños Victos J vilela, Rosario, Argentina	11	11	11	11	11	11	11
2000 - Serviço de Alergia e Imunologia do Hospital das Clínicas Samuel Libanio de Pouso Alegre – MG / Dra Eliude	2	6	8	8	8	8	8
2005 - Faculdade de Medicina do ABC - S.P. / Brasil	0	0	2	13	13	13	13
3000 - SERVICIO DE INVESTIGACION DE INMUNOGENETICA Y ALERGI A INER, México	35	41	41	41	41	42	42
3001 – Mexico - Dr. Aristoteles Alvarez Cardona	8	11	11	11	14	14	14
3002 - Hospital Infantil del Estado de Chihuahua, Mexico				2	2	2	2
3003 - Unidad medica de Alta Especialidad IMSS number 25, Monterrey – Mexico				9	21	21	43

3005 - Clinica de Inmunodeficiencia del Hospital de Especialidades de Centro Medico Nacional Siglo XXI del Instituto Mexicano del Seguro Social	7	21	23	23	23	23	23
3010 - DEL CENTRO MEDICO NACIONAL 20 DE NOVIEMBRE ISSSTE	13	14	16	16	23	37	44
3030 - Universidad del Desarrollo, Chile	51	57	60	60	62	79	79
3031 - Hospital Clínico de la Universidad de Chile	0	0	0	0	0	8	8
3035 - Universidad de Valparaíso	0	5	5	5	5	5	5
3040 - Instituto Nacional de Pediatría, México City	205	207	208	213	220	221	221
3050 - Hospital de Niños de la Santísima Trinidad, Córdoba – Argentina	1	1	1	1	1	1	1
3055 – Hospital Italiano de Buenos Aires	3	3	3	3	3	3	3
3060 – Universidade Católica de Cordova, Argentina – depto de Alergia e Imunologia	61	61	61	61	61	61	61
3065 - Hospital Nacional de Pediatría Prof Dr Juan P Garrahan, Argentina	401	401	438	439	443	445	449
3070 - Hospital de Niños Ricardo Gutiérrez, Argentina	667	687	707	716	730	744	746
3075 - British Hospital in Buenos Aires	22	31	35	38	41	41	43
3080 - Hospital de niños Sor María Ludovica, La Plata, Buenos Aires, Argentina	138	175	202	208	236	246	265
3085 - Hospital Infantil Municipal Cordoba / Argentina	2	3	3	3	3	3	3
3090 - Hospital Infantil de México Federico Gómez	30	30	30	30	30	30	30
4000 - Primary Immunodeficiency Group from Medellín, Colombia	454	460	472	472	472	472	516
4005 - Hospital Infantil Universitario de San José							26
5000 - Instituto Hondureño de Seguridad Social asociated to Universidad Nacional Autonoma de Honduras, Tegucigalpa	34	34	34	34	39	40	48
6000 – Costa Rica	96	103	103	107	107	107	108
7000 - Hospital de Clinicas da universidad Nacional de Asunción	2	2	2	2	2	2	2
8000 - Hospital Nacional Guillermo Almenara - Lima – Perú	14	14	14	14	14	14	14
8010 - Clínica Anglo Americana - Lima – Peru	1	1	1	1	1	1	1
8020 - Hospital Nacional Edgardo Rebagliati Martins – Perú	17	17	17	17	17	17	17
9000 - Hospital Militar "Dr. Carlos Arvelo"	5	5	5	5	5	5	5
10000 - Centro Hospitalario Pereira Rossell - Facultad de Medicina - Universidad de la República – Uruguay	28	28	28	28	28	28	28
	2878	3099	3255	3306	3430	3554	3709

Centro	Qtd casos registrados AGO/2011	Qtd casos registrados SET/2011	Qtd casos registrados OUT/2011	Qtd casos registrados JAN/2012	Qtd casos registrados FEV/2012	Qtd casos registrados MAR/2012	Qtd casos registrados ABR/2012	Qtd casos registrados MAIO/2012	Qtd casos registrados jun/2012	Qtd casos registrados jul/2012	Qtd casos registrados ago/2012	Qtd casos registrados set/2012	Qtd casos registrados out/2012
* 1000 – Vários médicos de diferentes instituições do Brasil	109	195	214	214	214	214	214	245	245	245	245	245	245
1020 - Hospital de Clínicas de Porto Alegre – UFRGS	56	56	56	56	56	56	56	56	56	56	56	56	56
1030 - Instituto de Dermatologia Prof. Rubem D. Azulay (Setor de Alergia e Imunologia Dermatológica) - Santa Casa da Misericórdia do Rio de Janeiro SCMRJ	1	1	1	1	1	1	1	1	1	1	1	1	1
1040 - Hospital de Clínicas da Universidade Federal de Uberlândia	15	15	15	15	15	15	15	15	15	15	15	15	15
1050 - Ambulatório de Alergo-Imuno-Pediatria do CPPHO-ComHUPES-UFBA	3	3	3	3	3	3	3	3	3	3	3	3	3
1060 - Serviço de Imunologia, Alergia e Reumatologia – Faculdade de Medicina de Ribeirão Preto – USP	51	51	51	51	12	18	18	20	39	39	48	61	78
1070 – Pediatria Hospital das Clínicas USP	1	1	1	1	1	1	1	1	1	1	1	1	1
1080 - Hospital Infantil Joana de Gusmão, Secretaria da Saúde do Estado de Santa Catarina	3	3	3	3	3	3	3	3	3	3	3	3	3
1085 - Faculdade de Medicina de Campos	0	0	0	3	3	3	3	3	3	3	3	3	3
1090 - Hospital de Base do Distrito Federal – Brasília	15	15	15	15	15	15	15	15	15	15	15	15	15
1100 - UFRJ / IPPMG	23	23	23	26	26	26	26	26	26	26	26	26	26
1110 – Faculdade de Medicina Unicamp	14	14	14	14	14	14	14	14	14	14	14	14	14
1120 – EPM-UNIFESP	96	97	98	99	104	124	124	191	216	217	247	290	293
1130 – Faculdade de Medicina USP	1	1	1	1	1	1	1	1	1	1	1	1	1
1140 - HOSPITAL UNIVERSITARIO JULIO MULLER	6	7	7	7	7	7	7	7	7	7	7	7	7
1160 - Hospital de Clínicas Universidade Federal do Paraná	1	1	1	11	1	1	1	1	1	1	1	1	1
1170 - Hospital de Clínicas da Universidade Federal do Paraná (HC- UFPR)	0	0	0	1	0	0	0	0	0	0	0	0	0
1180 - Unidade de Pesquisa Clínica do Hospital das Clínicas de Botucatu -FMB /UNESP	54	54	54	0	64	68	68	68	68	68	68	68	68
1150 - Hospital de Niños Victor J vilela, Rosario, Argentina	1	7	7	54	11	11	11	11	11	11	11	11	11
2000 - Serviço de Alergia e Imunologia do Hospital das Clínicas Samuel Libanio de Pouso Alegre – MG / Dra Eliude	0	2	2	2	2	2	2	6	8	8	8	8	8
3000 - SERVICIO DE INVESTIGACION DE INMUNOGENETICA Y ALERGIA INER, México	22	23	34	35	35	35	35	0	2	13	13	13	13
3001 – Mexico - Dr. Aristoteles Alvarez Cardona	0	1	3	8	8	8	8	41	41	41	41	42	42
3005 - Clínica de Inmunodeficiencia del Hospital de Especialidades de Centro Medico Nacional Siglo XXI del Instituto Mexicano del Seguro Social	7	7	7	7	7	7	7	11	11	11	14	14	14
3010 - DEL CENTRO MEDICO NACIONAL 20 DE NOVIEMBRE ISSSTE	0	0	0	4	7	11	13			2	2	2	2
3030 - Universidad del Desarrollo, Chile	30	31	32	36	40	51	51			9	21	21	43
3040 - Instituto Nacional de Pediatría, México City	193	193	193	197	197	203	205	21	23	23	23	23	23
3050 - Hospital de Niños de la Santísima Trinidad, Córdoba – Argentina	1	1	1	1	1	1	1	14	16	16	23	37	44
3055 – Hospital Italiano de Buenos Aires	0	0	0	0	0	0	3	57	60	60	62	79	79
3060 – Universidad Católica de Cordova, Argentina – depto de Alergia e Imunologia	33	43	48	61	61	61	61	5	5	5	5	8	8
3065 - Hospital Nacional de Pediatría Prof Dr Juan P Garrahan, Argentina	101	120	194	360	376	401	401	207	208	213	220	5	5
3070 - Hospital de Niños Ricardo Gutiérrez, Argentina	456	480	493	576	624	666	667	1	1	1	1	221	221
3075 - British Hospital in Buenos Aires	0	0	0	15	16	19	22	3	3	3	3	1	1

IDP	Ocorrência		
ada_ada	9	0,25%	Predominantly T-cell deficiencies
ag_blnk	1	0,03%	Predominantly antibody disorders
ag_muchain	1	0,03%	
ag_unknown	78	2,20%	
ag_xla	266	7,49%	
alps_fas	17	0,48%	Autoimmune and immunedysregulation syndromes
alps_unknown	6	0,17%	
apeced_aire	9	0,25%	
apeced_unknown	2	0,06%	
cd4_cd4	5	0,14%	Predominantly T-cell deficiencies
cd8_cd8alpha	1	0,03%	
cd_c1inh	69	1,94%	Complement deficiencies
cd_c1qa	2	0,06%	
cd_c2	8	0,23%	
cd_c3	5	0,14%	
cd_c4	4	0,11%	
cd_c5	3	0,08%	
cd_c6	2	0,06%	
cd_c7	1	0,03%	
cd_factori	2	0,06%	
cd_properdinpfc	1	0,03%	
cgd_p22phox	3	0,08%	Phagocytic disorders
cgd_p47phox	8	0,23%	
cgd_p67phox	1	0,03%	
cgd_unknown	84	2,37%	
cgd_xlinkedcybb	84	2,37%	
chh_pmrpchh	1	0,03%	Other well defined PID's
chs_chs1	15	0,42%	Phagocytic disorders
chs_unknown	15	0,42%	
cmc_apeced	1	0,03%	
cmc_unknown	20	0,56%	Predominantly T-cell deficiencies
csr_aid	3	0,08%	Predominantly antibody disorders
csr_cd40	1	0,03%	
csr_cd40l	32	0,90%	
csr_uhigm	29	0,82%	
dgs_chrom22	127	3,58%	Predominantly T-cell deficiencies
dnab_atlike	2	0,06%	Other well defined PID's
dnab_atm	225	6,34%	
dnab_bd	2	0,06%	
dnab_nbs	1	0,03%	
dwstmi_ifngammar1	3	0,08%	Phagocytic disorders
dwstmi_ifngammar2	1	0,03%	

dwstmi il12	2	0,06%
dwstmi il12r	12	0,34%
dwstmi other	7	0,20%
dwstmi stat1	2	0,06%
griscs myo5a	5	0,14%
griscs rab27a	6	0,17%
griscs unknown	11	0,31%
hg cd19	4	0,11%
hg cvid	448	12,62%
hg cviddi	34	0,96%
hg goods	4	0,11%
hg iggenedel	1	0,03%
hg iggspecdef	157	4,42%
hg iggsub	76	2,14%
hg siga	710	20,00%
hg sigm	9	0,25%
hg ssiga	5	0,14%
hg taci	1	0,03%
hg transcobalamine	1	0,03%
hg transhypinf	386	10,87%
hige hies	92	2,59%
hla ciita	7	0,20%
idouc idouc	94	2,65%
ipex foxp3	3	0,08%
ipex unknown	3	0,08%
lad lad1	6	0,17%
nedcn ela2	17	0,48%
nude foxn1	1	0,03%
other other	24	0,68%
outd outd	41	1,15%
perfd prf1	2	0,06%
pnp pnp	5	0,14%
scn scn	27	0,76%
sds sds	3	0,08%
tbscid1 artemis	2	0,06%
tbscid1 rag1	6	0,17%
tbscid1 rag2	1	0,03%
tbscid1 unknown	33	0,93%
tbscid2 il7r	3	0,08%
tbscid2 unknown	39	1,10%
tbscid2 xlinkedgammac	13	0,37%
tlr ikba	1	0,03%
tlr nemo	1	0,03%

was unknown	37	1,04%
was wasp	49	1,38%
whim_cxcr4	1	0,03%
xlp_sh2d1a	4	0,11%
xlp_unknown	3	0,08%
zap_zap70	1	0,03%
TOTAL	3550	100,00%

ADA deficiency
BLNK / SLP65
Mu-chain (IGHM)
Agammaglobulinemias with unknown genetic cause
XLA (Btk.)
Fas (CD95)
ALPS with unknown genetic cause
AIRE
APECED with unknown genetic cause
Selective CD4 cell deficiency

Hereditary Angioedema (C1 inhibitor, C1inh)
C1qa deficiency
C2 deficiency
C3 deficiency
C4 deficiency
C5 deficiency
C6 deficiency
C7 deficiency
Factor I (CFI) deficiency
Properdin (PFC) deficiency
CGD p22 phox (CYBA)
CGD p47 phox (NCF1)
CGD p67 phox (NCF2)
CGD with unknown genetic cause
CGD X-linked (CYBB)
PMRP/CHH
Chediak-Higashi syndrome (CHS1/Lyst)
CHS with unknown genetic cause
 esid-cmc_apedced
Other CMC
AID deficiency (AICDA)
CD40 deficiency
CD40L deficiency (CD154)
CSR defects and HIGM syndromes with unknown genetic cause
DiGeorge Syndrome
AT-like disease
Ataxia telangiectasia (ATM)
Bloom's disease (RecQ helicase)
NBS (NBS1)
IFN-gammaR1-deficiency (CD119/IFNGR1)
IFN-gammaR2-deficiency (IFNGR2)

IL-12 deficiency (IL12B)
IL-12R beta 1 deficiency (IL12RB1)

704 total

QTD	APPLICATION
8	esid-ada_ada
30	esid-ag_unknown
126	esid-ag_xla
1	esid-alps_fas
1	esid-cgd_xlinkedcybb
1	esid-chh_pmpchh
4	esid-chs_chs1
1	esid-chs_unknown
1	esid-cmc_unknown
1	esid-csr_aid
12	esid-csr_cd40l
18	esid-csr_uhigm
5	esid-dgs_chrom22
67	esid-dnab_atm
3	esid-griscs_unknown
6	esid-hg_cd19
196	esid-hg_cvid
2	esid-hg_cviddi
20	esid-hg_iggspecdef
13	esid-hg_iggsup
4	esid-hg_siga
1	esid-hg_taci
67	esid-hg_transhypinf
14	esid-hige_hies
5	esid-hla_ciita
4	esid-idouc_idouc
1	esid-other_other
15	esid-outd_outd
3	esid-pnp_pnp
1	esid-tbscid1_artemis
3	esid-tbscid1_rag1
9	esid-tbscid1_unknown
1	esid-tbscid2_il7r
18	esid-tbscid2_unknown
11	esid-tbscid2_xlinkedgammac
10	esid-was_unknown
15	esid-was_wasp
3	esid-xlp_sh2d1a
2	esid-xlp_unknown
1	esid-zap_zap70

intravenous immunogl per PID

LASID Registry 2012									
Uso intravenous immunoglobulin por PID	JAN	FEV	MAR	ABR	JUN	JUL	AGO	SET	OUT
ada_ada - ADA deficiency	5	5	5	5	6	6	6	6	8
ag_unknown - Agammaglobulinemias with unknown genetic cause	16	18	18	18	18	19	20	20	30
ag_xla - XLA (Btk.)	73	75	75	75	75	75	77	77	126
alps_fas - Fas (CD95)	1	1	1	1	1	1	1	1	1
cgd_xlinkedcybb - CGD X-linked (CYBB)								1	1
chh_pmprchh - PMRP/CHH	1	1	1	1	1	1	1	1	1
chs_chs1 - Chediak-Higashi syndrome (CHS1/Lyst)	4	4	4	4	4	4	4	4	4
chs_unknown - CHS with unknown genetic cause	1	1	1	1	1	1	1	1	1
cmc_unknown - Other CMC									1
csr_aid - AID deficiency (AICDA)		1	1	1	1	1	1	1	1
csr_cd40l - CD40L deficiency (CD154)	5	9	9	9	9	9	9	9	12
csr_uhigm - CSR defects and HIGM syndromes with unknown genetic cause	12	13	14	14	15	15	15	15	18
dgs_chrom22 - DiGeorge Syndrome	1	1	2	2	2	2	2	2	5
dnab_atm - Ataxia telangiectasia (ATM)	49	50	50	50	50	50	51	51	67
griscs_unknown - Griscelli syndrome with unknown genetic cause	2	2	2	2	2	2	3	3	3
hg_cd19 - CD19 deficiency									6
hg_cvid - CVID	141	132	131	133	139	140	145	150	202
hg_cviddi - Secondary hypogammaglobulinemia; Drug induced CVID	1	1	1	1	1	1	1	1	2
hg_iggspecdef - Deficiency of specific IgG;spec. IgG	11	11	11	11	12	12	12	14	20
hg_iggsub - IgG subclass deficiency	6	8	8	8	9	9	9	9	13
hg_siga - Selective IgA deficiency	4	2	2	2	2	2	2	2	4
hg_taci - TACI deficiency									1
hg_transhyplnf - Transient hypogammaglobulinemia of infancy	14	14	14	14	15	15	15	15	67
hige_hies - HIES	8	8	8	8	8	8	8	8	14
hla_ciita - Bare lymphocyte syndrome (CII TA)	3	3	3	3	3	3	3	3	5
idouc_idouc - Unclassified immunodeficiencies	4	4	4	4	4	4	4	4	4
other_other - Other phagocytic disorders	1	1	1	1	1	1	1	1	1
outd_outd - Other unclassified T-cell disorders	14	14	14	14	14	14	14	14	15
pnp_pnp - PNP deficiency;PNP;	3	3	3	3	3	3	3	3	3
tbscid1_artemis - Artemis deficiency	1	1	1	1	1	1	1	1	1
tbscid1_rag1 - RAG 1 deficiency	3	3	3	3	3	3	3	3	3
tbscid1_unknown - T-B- SCID with unknown genetic cause	8	8	8	8	8	8	8	8	9
tbscid2_il7r - IL7R deficiency (IL-7R-alpha)	1	1	1	1	1	1	1	1	1
tbscid2_unknown - T-B+ SCID with unknown genetic cause	16	16	16	16	16	17	17	17	18
tbscid2_xlinkedgammac - SCID X-linked (gamma-c) (CD132)	11	11	11	11	11	11	11	11	11
was_unknown - WAS with unknown genetic cause	4	5	6	6	6	6	6	6	10
was_wasp - WAS with mutations in WASP	11	13	13	13	13	14	14	14	15
xlp_sh2d1a - XLP (SH2D1A)						2	2	2	3
xlp_unknown - XLP with unknown genetic cause	1	1	1	1	1	1	1	1	2
zap_zap70 - ZAP 70	1	1	1	1	1	1	1	1	1
cgd_xlinkedcybb - CGD X-linked (CYBB)	0	0	0	0	0	0	1	1	
	437	442	444	446	457	463	474	482	710

Quantidade de pacientes por país com terapia: intravenous immunoglobulin drug group									
PAÍS	JAN/2012	FEV/2012	MAR/2012	ABR/2012	JUN/2012	JUL/2012	AGO/2012	SET/2012	OUT/2012
ARGENTINA	140	155	156	156	158	161	165	165	184
BRASIL	153	140	140	140	148	148	150	154	199
CHILE	9	10	12	12	12	12	12	15	18
COLOMBIA	16	16	16	16	16	16	16	16	143
COSTA RICA	21	21	21	21	21	23	23	23	35
HONDURAS	3	3	3	3	3	3	3	3	4
MÉXICO	81	83	82	84	85	86	91	94	109
PARAGUAI	0	0	0	0	0	0	0	0	0
PERU	6	6	6	6	6	6	6	6	6
VENEZUELA	1	1	1	1	1	1	1	1	1
URUGUAI	7	7	7	7	7	7	7	7	11
	437	442	444	446	457	463	474	484	710

Quantidade de pacientes por país com terapia:
intravenous immunoglobulin
drug group

