

Appendix A. Data sources for the regionalization of MIP in Espírito Santo, 2015

N°	MIP sector	Macro Sector	Source
1	Agriculture, including support for agriculture and post-harvest	Agriculture	PAM, 2015; Censo Agropecuário, 2006 e Censo Demográfico, 2010
2	Livestock, including support for livestock	Agriculture	PPM, 2015; Censo Agropecuário, 2006 e Censo Demográfico, 2010
3	Forest production; fishing and aquaculture	Agriculture	PEVS, 2015; PPM, 2015; Censo Agropecuário, 2006 e Censo Demográfico, 2010
4	Extraction of mineral coal and non-metallic and non-ferrous metal minerals	Industry	RAIS, 2015
5	Oil and gas extraction, including support activities	Industry	RAIS, 2015
6	Iron ore extraction, including beneficiation and agglomeration	Industry	RAIS, 2015
7	Food and drinks	Industry	RAIS, 2015
8	Manufacture of textile products, artef. of clothing and accessories, artef. leather and footwear	Industry	RAIS, 2015
9	Manufacture of wood products, furniture and various industries	Industry	RAIS, 2015
10	Manufacture of pulp, paper and paper products	Industry	RAIS, 2015
11	Oil refining, coke plants and biofuel manufacturing	Industry	RAIS, 2015
12	Manufacture of chemicals, rubber and plastic materials	Industry	RAIS, 2015
13	Manufacture of non-metallic mineral products	Industry	RAIS, 2015
14	Metallurgy	Industry	RAIS, 2015
15	Manufacture of metal products, machinery and equipment	Industry	RAIS, 2015
16	Manufacture of automobiles, trucks and buses, parts and other transportation equipment	Industry	RAIS, 2015
17	Generation and distribution of electricity and gas, water, sewage and urban cleaning	Industry	IJSN, 2015; ANEEL, 2015 e SNIS, 2015
18	Construction	Industry	RAIS, 2015 e IJSN, 2015
19	Wholesale and retail trade	Services	IJSN, 2015
20	Transport	Services	IBGE, 2011
21	Storage, auxiliary activities for transport and mail	Services	IBGE, 2011
22	accommodation and food	Services	IJSN, 2015
23	information service	Services	IJSN, 2015 e RAIS, 2015
24	Financial intermediation, insurance and supplementary pension	Services	BACEN, 2015
25	real estate activities	Services	IJSN, 2015
26	Professional, scientific and technical activities	Services	Censo 2010
27	Administrative activities and complementary services	Services	Censo 2010
28	Public administration	Services	Censo 2010
29	Public education	Services	Censo 2010
30	private education	Services	Censo 2010
31	Public health	Services	Censo 2010
32	private health	Services	Censo 2010
33	Artistic, creative and show activities	Services	Censo 2010

34	Membership organizations and other personal services	Services	Censo 2010
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35	Domestic services	Services	Censo 2010
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Source: Authors elaboration.

Appendix B. Regional participation of components of final demand in Espírito Santo, 2015

R	Planning Microregion	Household consumption	Gross Fixed Capital Formation (GFCF)	Government consumption	Consumption of ISFLSF
R1	Metropolitana	0.5601	0.6461	0.4607	0.5331
R2	Central Serrana	0.0163	0.0173	0.0262	0.0245
R3	Sudoeste Serrana	0.0187	0.0263	0.0365	0.0299
R4	Litoral Sul	0.1408	0.0493	0.0675	0.0867
R5	Centro Sul	0.0518	0.0482	0.0790	0.0626
R6	Caparaó	0.0213	0.0175	0.0509	0.0313
R7	Rio Doce	0.0894	0.0884	0.0936	0.0896
R8	Centro-Oeste	0.0437	0.0496	0.0706	0.0588
R9	Nordeste	0.0367	0.0404	0.0741	0.0566
R10	Noroeste	0.0211	0.0168	0.0409	0.0268
	Total	1.0000	1.0000	1.0000	1.0000

Source: Authors elaboration.

Appendix C. Informality rate by sector and planning micro-region (%)

Setor	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	Total
1 Agriculture, including support for agriculture and post-harvest	47,8	75,1	78,6	68,8	65,9	78,5	61,5	69,9	57,1	65,4	69,3
2 Livestock, including support for livestock	43,8	46,0	44,7	48,0	48,7	54,6	41,0	49,1	46,7	56,4	48,6
3 Forest production; fishing and aquaculture	59,9	85,1	63,5	66,7	65,9	66,4	26,3	63,6	32,3	68,4	50,2
4 Extraction of mineral coal and non-metallic and non-ferrous metal minerals	16,2	21,3	16,2	28,6	14,5	29,5	10,7	9,4	50,9	13,6	15,2
5 Oil and gas extraction, including support activities	1,8	0,0	0,0	4,9	0,0	0,0	0,0	0,0	2,4	0,0	1,8
6 Iron ore extraction, including beneficiation and agglomeration	4,0	0,0	0,0	4,1	8,4	0,0	0,0	10,6	32,4	18,0	5,0
7 Food and drinks	15,7	44,1	54,4	29,3	16,0	50,9	17,1	22,5	39,4	39,4	22,2
8 Manufacture of textile products, artef. of clothing and accessories, artef. leather and footwear	41,4	62,8	51,2	64,4	26,8	49,6	36,2	18,3	73,4	53,7	35,7
9 Manufacture of wood products, furniture and various industries	31,5	45,0	50,1	46,2	25,9	54,6	17,7	27,9	48,0	51,2	31,6
10 Manufacture of pulp, paper and paper products	10,2	45,9	100,0	0,0	28,8	0,0	2,7	14,5	8,6	0,0	6,6
11 Oil refining, coke plants and biofuel manufacturing	9,2	0,0	0,0	0,0	0,0	0,0	2,2	0,0	2,6	0,0	3,1
12 Manufacture of chemicals, rubber and plastic materials	13,0	0,0	67,0	55,8	24,1	41,5	24,2	20,3	53,2	35,7	19,2
13 Manufacture of non-metallic mineral products	18,2	17,3	45,8	22,4	11,1	52,7	21,2	14,2	43,6	41,1	17,7
14 Metallurgy	3,1	0,0	100,0	0,0	4,8	100,0	2,8	4,9	100,0	100,0	3,5
15 Manufacture of metal products, machinery and equipment	20,6	45,7	27,9	20,0	28,0	49,9	13,6	29,8	29,4	44,3	21,9
16 Manufacture of automobiles, trucks and buses, parts and other transportation equipment	18,5	30,7	0,0	25,7	9,8	82,1	20,0	7,7	13,1	25,1	18,8
17 Generation and distribution of electricity and gas, water, sewage and urban cleaning	15,3	17,1	27,9	29,7	16,9	11,9	14,4	7,4	27,9	6,0	16,2
18 Construction	40,2	69,5	66,6	64,0	56,1	73,1	47,2	58,5	63,9	72,1	48,9
19 Wholesale and retail trade	29,4	30,2	33,0	42,8	26,9	41,8	25,1	27,6	41,7	42,0	31,0
20 Transport	20,0	47,0	32,0	23,1	21,2	45,6	21,3	22,0	24,1	48,4	22,3
21 Storage, auxiliary activities for transport and mail	16,0	17,1	26,3	18,3	29,2	32,3	11,9	22,0	29,2	43,8	18,3
22 accommodation and food	37,6	43,9	44,3	62,1	40,0	59,8	33,7	53,3	61,3	60,4	42,4
23 information service	17,6	43,4	18,1	45,7	22,3	55,3	26,3	22,4	14,8	34,6	20,1
24 Financial intermediation, insurance and supplementary pension	13,0	7,9	10,5	19,4	10,2	18,7	6,5	14,5	18,0	15,5	12,9
25 real estate activities	42,0	0,0	51,2	40,8	16,5	43,9	28,2	51,5	42,9	67,0	41,0
26 Professional, scientific and technical activities	23,2	32,1	25,5	29,9	27,1	38,7	21,2	20,6	27,1	33,7	24,3
27 Administrative activities and complementary services	16,1	30,9	25,4	37,4	26,2	40,7	27,7	28,2	23,9	28,1	19,3
28 Public administration	12,5	20,4	16,0	17,7	14,2	16,3	16,8	13,8	15,6	12,7	14,1
29 Public education	15,0	19,3	20,2	20,5	15,7	13,8	16,4	13,1	18,6	18,1	15,9
30 private education	21,7	22,3	27,5	22,3	18,6	22,9	21,9	16,2	23,5	28,4	21,6
31 Public health	9,5	21,5	22,0	8,0	6,3	13,8	11,7	15,3	13,6	2,8	10,2

32 private health	21,2	22,1	19,3	26,2	24,9	25,1	16,4	15,3	20,0	20,6	20,9
33 Artistic, creative and show activities	51,6	36,6	61,5	67,3	57,4	61,4	46,8	52,1	58,1	58,4	52,9
34 Membership organizations and other personal services	43,7	45,0	47,2	62,8	43,3	61,6	43,4	42,1	56,7	61,0	45,9
35 Domestic services	54,6	75,8	77,8	76,7	64,7	74,2	69,0	69,7	80,3	84,0	63,6
Total	29,0	60,1	60,7	48,8	37,0	60,0	34,5	41,5	46,0	52,0	38,4

Source: IBGE, 2010 Census.

Appendix D. Balance between admissions and dismissals between April and July 2020, Espírito Santo, Novo CAGED.

Sector	Balance (abr-jul 2020)
Agriculture, including support for agriculture and post-harvest	-42
Livestock, including support for livestock	-96
Forest production; fishing and aquaculture	-40
Extraction of mineral coal and non-metallic and non-ferrous metal minerals	-113
Oil and gas extraction, including support activities	-18
Iron ore extraction, including beneficiation and agglomeration	27
Food and drinks	-275
Manufacture of textile products, artef. of clothing and accessories, artef. leather and footwear	-1.859
Manufacture of wood products, furniture and various industries	-408
Manufacture of pulp, paper and paper products	-23
Oil refining, coke plants and biofuel manufacturing	255
Manufacture of chemicals, rubber and plastic materials	-141
Manufacture of non-metallic mineral products	-1.106
Metallurgy	-11
Manufacture of metal products, machinery and equipment	-51
Manufacture of automobiles, trucks and buses, parts and other transportation equipment	-103
Generation and distribution of electricity and gas, water, sewage and urban cleaning	-335
Construction	-375
Wholesale and retail trade	-7.481
Transport	-3.234
Storage, auxiliary activities for transport and mail	-159
accommodation and food	-5.127
information service	-683
Financial intermediation, insurance and supplementary pension	-291
real estate activities	-100
Professional, scientific and technical activities	-576
Administrative activities and complementary services	-1.077
Public administration	-4
Public education	-1.918
private education	2.025
Public health	-689
private health	-866
Artistic, creative and show activities	1
Total	-24.893

Source: CAGED.

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