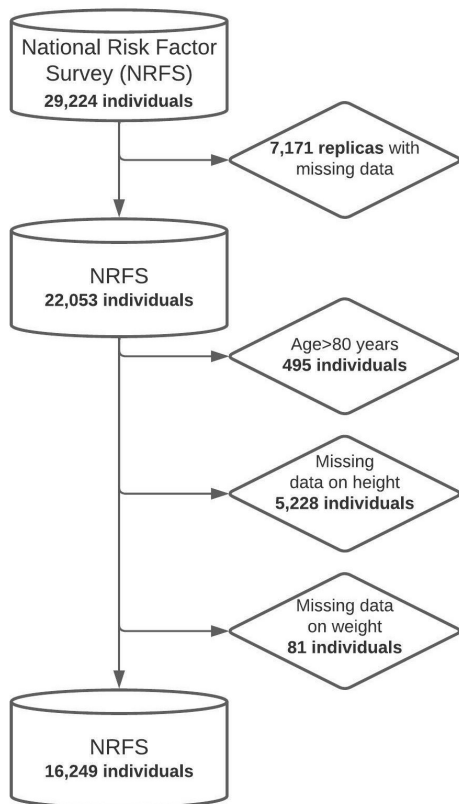


Table S1 Nutritional status by WHO, WC, WHtR and RFM criteria

		Jujuy			Salta			Tucumán			Catamarca			Santiago del Estero			La Rioja			NWA			Argentina		
		N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI
Woman																									
OMS BMI	TH	9	2.5	(1.2–4.4)	6	1.6	(0.7–3.3)	7	2	(0.9–3.8)	6	2	(0.8–4)	4	1.8	(0.6–4.2)	4	1.7	(0.6–4)	36	1.9	(1.4–2.6)	170	1.8	(1.6–2.1)
	NO	116	31.6	(27–36.5)	113	30.2	(25.7–35)	103	29	(24.5–33.9)	111	36.5	(31.2–42)	66	29.6	(23.9–35.8)	70	30.2	(24.5–36.3)	579	31.2	(29.1–33.3)	3117	33.4	(32.4–34.4)
	OW	123	33.5	(28.8–38.5)	124	33.2	(28.5–38)	125	35.2	(30.4–40.3)	91	29.9	(25–35.3)	63	28.3	(22.7–34.4)	89	38.4	(32.3–44.7)	615	33.2	(31–35.3)	2940	31.5	(30.6–32.4)
	O tipe I	73	19.9	(16.1–24.2)	93	24.9	(20.7–29.4)	70	19.7	(15.8–24.1)	58	19.1	(15–23.8)	50	22.4	(17.3–28.2)	43	18.5	(13.9–23.9)	387	20.9	(19.1–22.8)	1882	20.2	(19.4–21)
	O tipe II	32	8.7	(6.2–11.9)	28	7.5	(5.1–10.5)	34	9.6	(6.8–13)	26	8.6	(5.8–12.1)	28	12.6	(8.7–17.4)	20	8.6	(5.5–12.7)	168	9.1	(7.8–10.4)	844	9	(8.5–9.6)
	O tipe III	14	3.8	(2.2–6.1)	10	2.7	(1.4–4.7)	16	4.5	(2.7–7)	12	3.9	(2.2–6.6)	12	5.4	(3–8.9)	6	2.6	(1.1–5.3)	70	3.8	(3–4.7)	380	4.1	(3.7–4.5)
	O I-III	119	32.4	(27.8–37.3)	131	35	(30.3–40)	120	33.8	(29–38.8)	96	31.6	(26.5–37)	90	40.4	(34.1–46.9)	69	29.7	(24.1–35.8)	625	33.7	(31.6–35.9)	3106	33.3	(32.3–34.2)
	EX	242	65.9	(61–70.6)	255	68.2	(63.3–72.7)	245	69	(64.1–73.7)	187	61.5	(56–66.9)	153	68.6	(62.3–74.4)	158	68.1	(61.9–73.8)	1240	66.8	(64.7–69)	6046	64.8	(63.8–65.7)
WC	O	244	66.5	(61.5–71.2)	217	58.2	(53.1–63.1)	253	73.8	(68.9–78.2)	195	65	(59.5–70.2)	121	54.3	(47.7–60.7)	147	64.8	(58.4–70.8)	1177	64.2	(62–66.4)	6044	65.4	(64.5–66.4)
	Not O	123	33.5	(28.8–38.5)	156	41.8	(36.9–46.9)	90	26.2	(21.8–31.1)	105	35	(29.8–40.5)	102	45.7	(39.3–52.3)	80	35.2	(29.2–41.6)	656	35.8	(33.6–38)	3191	34.6	(33.6–35.5)
WHtR	NA	75	20.4	(16.6–24.8)	73	19.6	(15.8–23.8)	148	43.1	(38–48.4)	93	31	(26–36.4)	51	22.9	(17.7–28.7)	70	30.8	(25.1–37.1)	510	27.80	(25.8–29.9)	2841	30.80	(29.8–31.7)
	A	292	79.6	(75.2–83.4)	300	80.4	(76.2–84.2)	195	56.9	(51.6–62)	207	69	(63.6–74)	172	77.1	(71.3–82.3)	157	69.2	(62.9–74.9)	1323	72.20	(70.1–74.2)	6394	69.20	(68.3–70.2)
RFM	O	309	84.20	(80.2–87.7)	314	84.20	(80.2–87.6)	212	61.80	(56.6–66.8)	216	72.20	(67–77.1)	181	81.20	(75.7–85.9)	170	74.90	(69–80.2)	1402	76.50	(74.5–78.4)	6828	74.00	(73.1–74.8)
	Not O	58	15.80	(12.3–19.8)	59	15.80	(12.4–19.8)	131	38.20	(33.2–43.4)	83	27.80	(22.9–33)	42	18.80	(14.1–24.3)	57	25.10	(19.8–31)	430	23.50	(21.6–25.5)	2404	26.00	(25.2–26.9)
Man																									
OMS BMI	TH	4	1.5	(0.5–3.5)	9	2.6	(1.3–4.8)	4	1.8	(0.6–4.2)	0	0	(–)	2	1.2	(0.3–3.8)	1	0.6	(0.1–2.6)	20	1.4	(0.9–2.1)	81	1.2	(0.9–1.4)
	NO	59	22.3	(17.6–27.6)	94	27.6	(23.1–32.6)	61	27.2	(21.7–33.3)	83	32	(26.6–37.9)	46	27.9	(21.5–35.1)	43	24.6	(18.6–31.3)	386	27	(24.8–29.4)	1908	27.6	(26.5–28.6)
	OW	110	41.5	(35.7–47.5)	132	38.8	(33.8–44.1)	89	39.7	(33.5–46.2)	108	41.7	(35.8–47.8)	59	35.8	(28.7–43.3)	68	38.9	(31.9–46.2)	566	39.6	(37.1–42.2)	2751	39.8	(38.6–40.9)
	O tipe I	69	26	(21–31.6)	75	22.1	(17.9–26.7)	43	19.2	(14.5–24.7)	51	19.7	(15.2–24.9)	43	26.1	(19.8–33.1)	40	22.9	(17.1–29.5)	321	22.5	(20.4–24.7)	1530	22.1	(21.1–23.1)
	O tipe II	21	7.9	(5.1–11.6)	24	7.1	(4.7–10.1)	23	10.3	(6.8–14.8)	11	4.2	(2.3–7.2)	11	6.7	(3.6–11.2)	19	10.9	(6.9–16.1)	109	7.6	(6.3–9.1)	522	7.5	(6.9–8.2)
	O tipe III	2	0.8	(0.2–2.4)	6	1.8	(0.7–3.6)	4	1.8	(0.6–4.2)	6	2.3	(1–4.7)	4	2.4	(0.8–5.7)	4	2.3	(0.8–5.3)	26	1.8	(1.2–2.6)	127	1.8	(1.5–2.2)
	O I-III	92	34.7	(29.2–40.6)	105	30.9	(26.1–35.9)	70	31.3	(25.5–37.5)	68	26.3	(21.2–31.9)	58	35.2	(28.2–42.6)	63	36	(29.2–43.3)	456	31.9	(29.6–34.4)	2179	31.5	(30.4–32.6)
	EX	202	76.2	(70.8–81)	237	69.7	(64.7–74.4)	159	71	(64.8–76.6)	176	68	(62.1–73.4)	117	70.9	(63.7–77.4)	131	74.9	(68.1–80.8)	1022	71.6	(69.2–73.9)	4930	71.3	(70.2–72.3)
WC	O	118	44.7	(38.8–50.7)	160	47.2	(41.9–52.5)	129	58.9	(52.3–65.3)	132	51.4	(45.3–57.4)	79	47.9	(40.3–55.5)	86	49.1	(41.8–56.5)	704	49.6	(47–52.2)	3486	50.9	(49.7–52.1)
	Not O	146	55.3	(49.3–61.2)	179	52.8	(47.5–58.1)	90	41.1	(34.7–47.7)	125	48.6	(42.6–54.7)	86	52.1	(44.5–59.7)	89	50.9	(43.5–58.2)	715	50.4	(47.8–53)	3363	49.1	(47.9–50.3)
WHtR	NA	38	14.4	(10.6–19)	76	22.4	(18.2–27.1)	90	41.1	(34.7–47.7)	70	27.2	(22.1–32.9)	33	20	(14.4–26.6)	43	24.6	(18.6–31.3)	350	24.70	(22.5–27)	1881	27.50	(26.4–28.5)
	A	226	85.6	(81–89.4)	263	77.6	(72.9–81.8)	129	58.9	(52.3–65.3)	187	72.8	(67.1–77.9)	132	80	(73.4–85.6)	132	75.4	(68.7–81.4)	1069	75.30	(73–77.5)	4968	72.50	(71.5–73.6)
RFM	O	215	81.40	(76.4–85.8)	256	75.50	(70.7–79.9)	121	55.30	(48.6–61.7)	175	68.10	(62.2–73.6)	124	75.20	(68.2–81.3)	127	72.60	(65.6–78.8)	1018	71.70	(69.4–74)	4699	68.60	(67.5–69.7)
	Not O	49	18.60	(14.2–23.6)	83	24.50	(20.1–29.3)	98	44.70	(38.3–51.4)	82	31.90	(26.4–37.8)	41	24.80	(18.7–31.8)	48	27.40	(21.2–34.4)	401	28.30	(26–30.6)	2149	31.40	(30.3–32.5)

TH, thinness; NO, normal; OW, overweight; O, obesity; EX, overweight + obesity; O tipe I, obesity tipe I; O tipe II, obesity tipe II; O tipe III, obesity tipe III; O I-III, obesity I-III; NA, no abdominal; A, abdominal.



**Figure S1** Flow chart of the database cleaning.