

COVID is Not the Same Everywhere:

Costa Rica's Response to the Pandemic



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Outline

Government and health policies implemented through Covid-19 pandemic.

Social Security Health System's capability of handling the Covid-19 waves.

Guidelines developed to provide an ethical framework in response to the health crisis.

Overview of the role of pediatric palliative care.

Vaccination status and issues related to vaccination refusal.



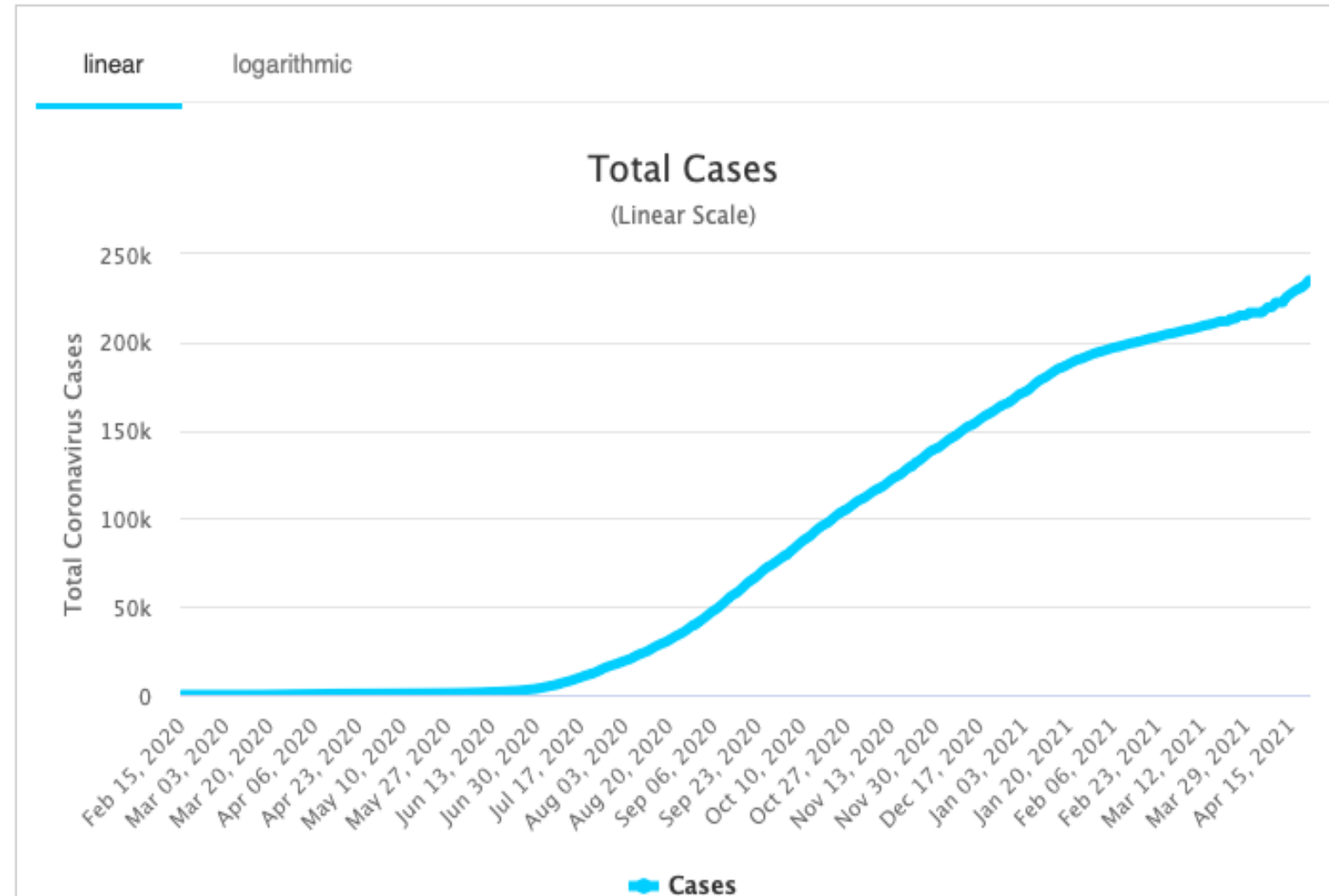
Government and health policies

- Population limitation of mobility:
 - Lockdowns
 - Telecommute
 - Closed schools
 - Vehicle movement restrictions *
- June/20: Mandatory use of masks throughout the country.

Government and health policies

- Actual statistics
 - 240 000 Cases
 - 5.1 million Population
- Facing third wave
 - > 1000 cases / day

Total Coronavirus Cases in Costa Rica



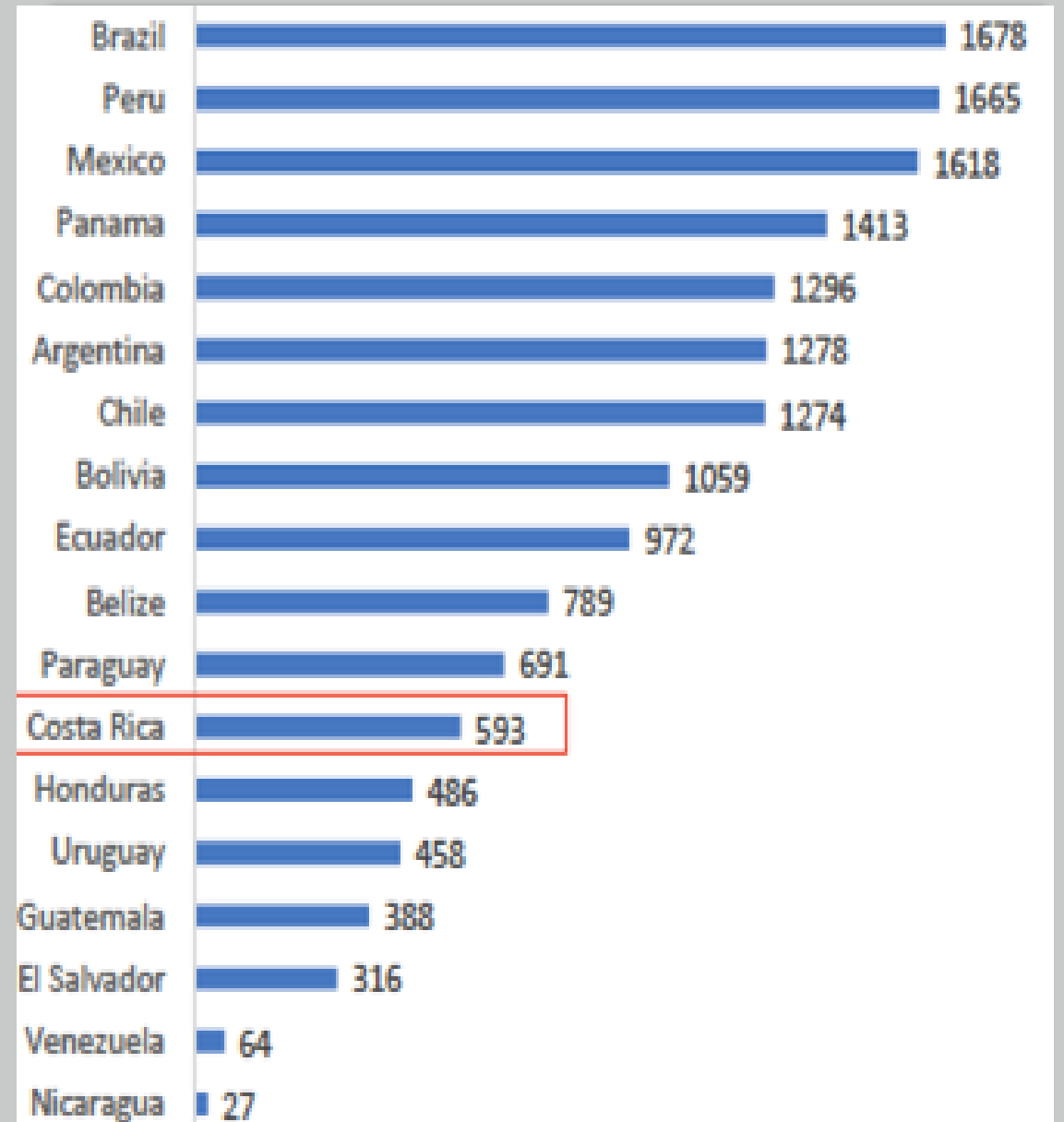
Government and health policies

- Mortality
 - 3,125 deaths
 - Lowest mortality rate in L.A
- Controlled reopening phase
 - Restrictions specifically social and economic activities



Prevent collapse of hospital capacity

Covid-19 Mortality rate per million



Social Security Health System Capacity

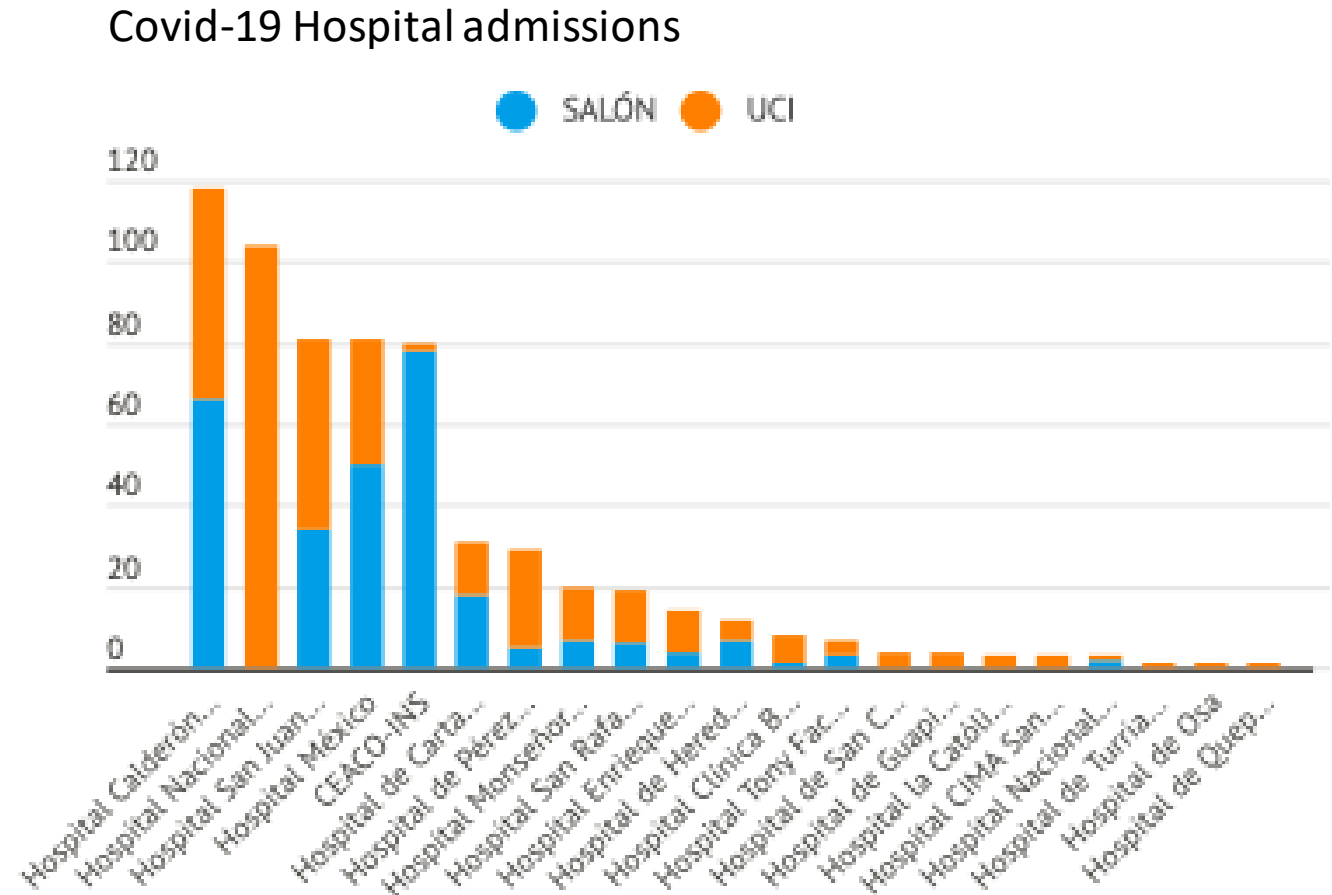
- Increase in hospitals' capacity

ICU Beds:

Severe	227	359
Moderate	400	956
	(March/20)	(March/21)


- Increase in hospitals' resources

Structure & staff



Guidelines to provide an ethical framework


Health care system

	CAJA COSTARRICENSE DE SEGURO SOCIAL GERENCIA GENERAL CENDEISSS ÁREA DE BIOÉTICA	Página 1 de 15
		FECHA DE EMISIÓN: 08-05-2020
LINEAMIENTO	LINEAMIENTOS BIOÉTICOS ANTE LA PANDEMIA POR SARS-CoV-2	VERSION 02
		CODIGO: L.GG.CENDEISSS- AB.08052020

Lineamientos bioéticos ante la pandemia por SARS-CoV-2^{1,2}

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PARA:	Directores de Hospitales Nacionales y Especializados Directores de Hospitales Regionales Directores de Hospitales Periféricos Directores de Áreas de Salud Funcionarios en general

Clinical bioethics committees

	CAJA COSTARRICENSE DE SEGURO SOCIAL GERENCIA GENERAL CENDEISSS ÁREA DE BIOÉTICA	Página 1 de 21
		FECHA DE EMISIÓN: 09-09-2020
LINEAMIENTO	LINEAMIENTOS PARA COMITÉS DE BIOÉTICA CLÍNICA ANTE LA PANDEMIA POR SARS-CoV-2	VERSION 01
		CODIGO: L.GG.CENDEISSS- AB.09092020

Lineamiento para Comités de Bioética ante la pandemia por SARS-CoV-2^{1,2}

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Covid-19 : Pediatric situation

- 19,800 Cases
 - 32 Developed MIS-C
 - 4 ICU Admission
 - No Deaths
- Life-threatening conditions (PPC)
 - 4 Deaths:
 - 3 Terminal cancer
 - 1 Severe neurological impairment



Pediatric palliative care

- Overcome fear and assure services
- Extreme changes in the program organization
- Guidelines to address Covid-19 in children with life-threatening conditions
- Home care (12 months):
 - > 400 Home visits
 - > 60 Children died at home



Vaccination status

- Vaccines available:

Pfizer/BioNTech

Astra Zeneca

- According to category groups

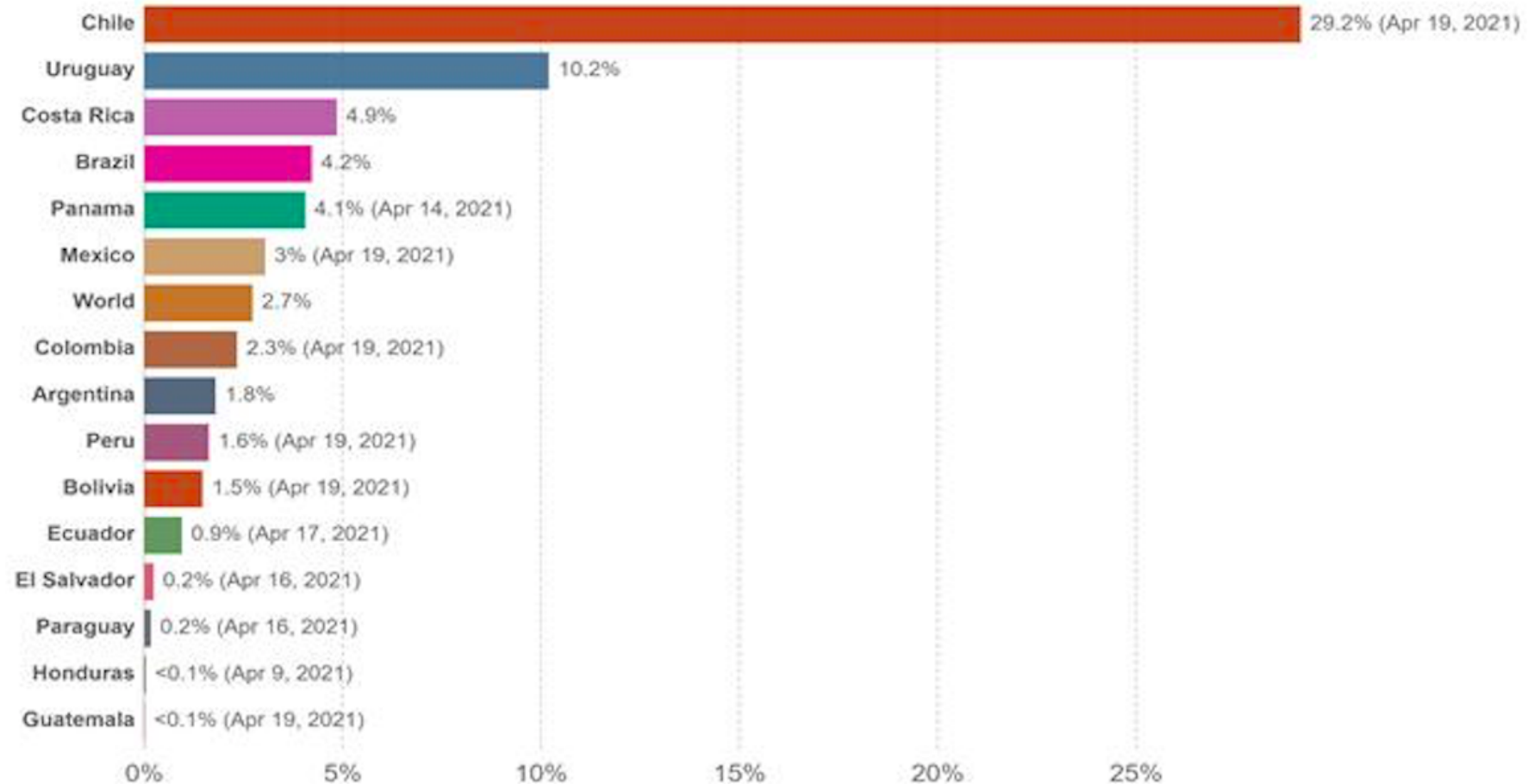
(1 and 2)

- Goal:

3.5 million (94%)
(Dec/21)

Share of the population fully vaccinated against COVID-19, Apr 20, 2021

Share of the total population that have received all doses prescribed by the vaccination protocol. This data is only available for countries which report the breakdown of doses administered by first and second doses.





VACCINE →

← NO VACCINE

Vaccination refusal

- National statistics are unknown.
- National Children's Hospital:
2,140 employees
26 refused = **1.2%**
- March/21 Costa Rica's President and Minister of Health a Regulation of National Vaccination Law from 2005:
 - ✓ Mandatory Covid-19 vaccine for health workers.
 - ✓ Responsibility of the employer to take measures for health workers refusing to be vaccinated.



Thank you