Fake News Detection and Intervention

First Deakin-UGM Joint Research Workshop on
COVID-19 Fake News
Detection and Intervention
April 21st, 2022

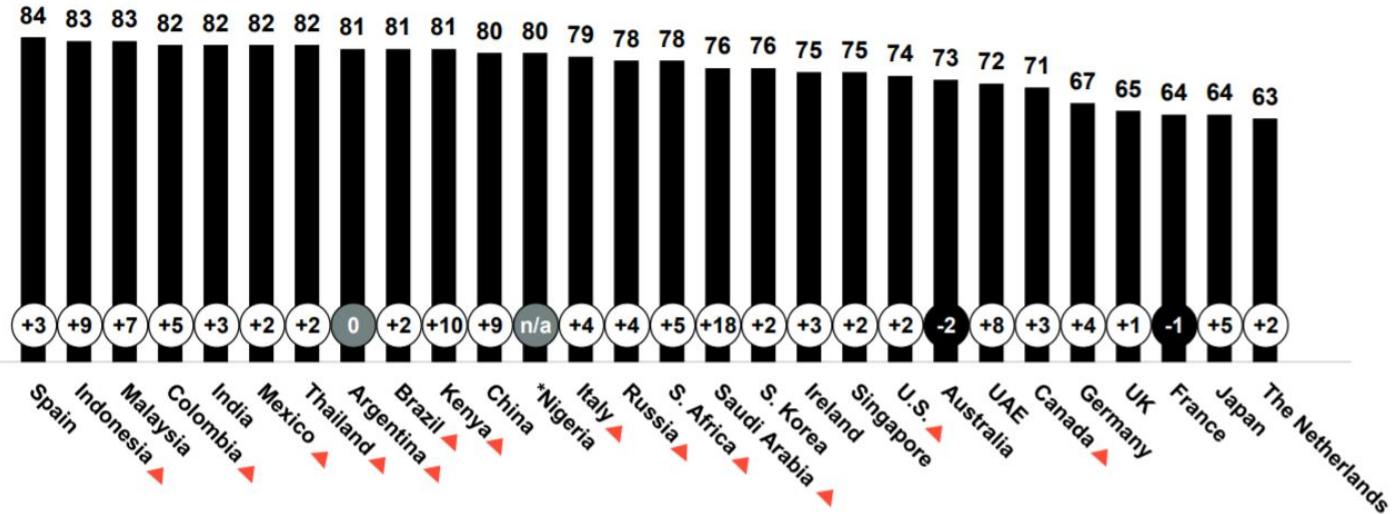KOMINFO

Direktorat Jenderal Informasi dan Komunikasi Publik

Fake News Concerns at All Time Highs

I worry about **false information or fake news** being used as a weapon
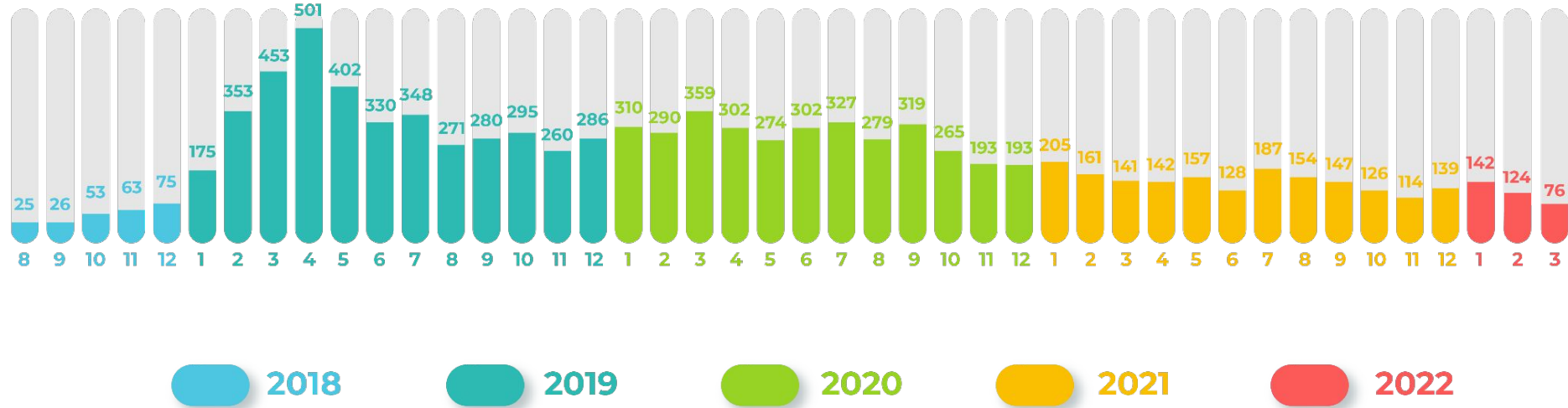
Global 27

76% +4 pts ↑

Spain	Indonesia	Malaysia	Colombia	India	Mexico	Thailand	Argentina	Brazil	Kenya	China	*Nigeria	Italy	Russia	S. Africa	Saudi Arabia	S. Korea	Ireland	Singapore	U.S.	Australia	UAE	Canada	Germany	UK	France	Japan	The Netherlands
84	83	83	82	82	82	82	81	81	81	80	80	79	78	78	76	76	75	75	74	73	72	71	67	65	64	64	63
+3	+9	+7	+5	+3	+2	+2	0	+2	+10	+9	n/a	+4	+4	+5	+18	+2	+3	+2	+2	-2	+8	+3	+4	+1	-1	+5	+2

(Edelman Trust Barometer 2022)

Hoax Findings in Indonesia

August 2018 - **March** 2022

TOTAL : 9.746

Monthly data:

Month	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
2018	25	26	53	63	75												
2019						175	353	453	501	402	330	348	271	280	295	260	286
2020						310	290	359	302	274	302	327	279	319	265	193	193
2021						205	161	141	142	157	128	187	154	147	126	114	139
2022						142	124	76									

Legend: 2018, 2019, 2020, 2021, 2022

Hoax Issue Categories
August 2018 - **March** 2022

TOTAL : 9.746

Health 2.088	**Government** 1.856	**Politics** 1.273	**Scam** 1.114	**others** 780
International 564	**Crimes** 544	**Slander** 448	**Disaster** 418	**Religion** 326
Myths 217	**Education** 61	**Tradings** 57		

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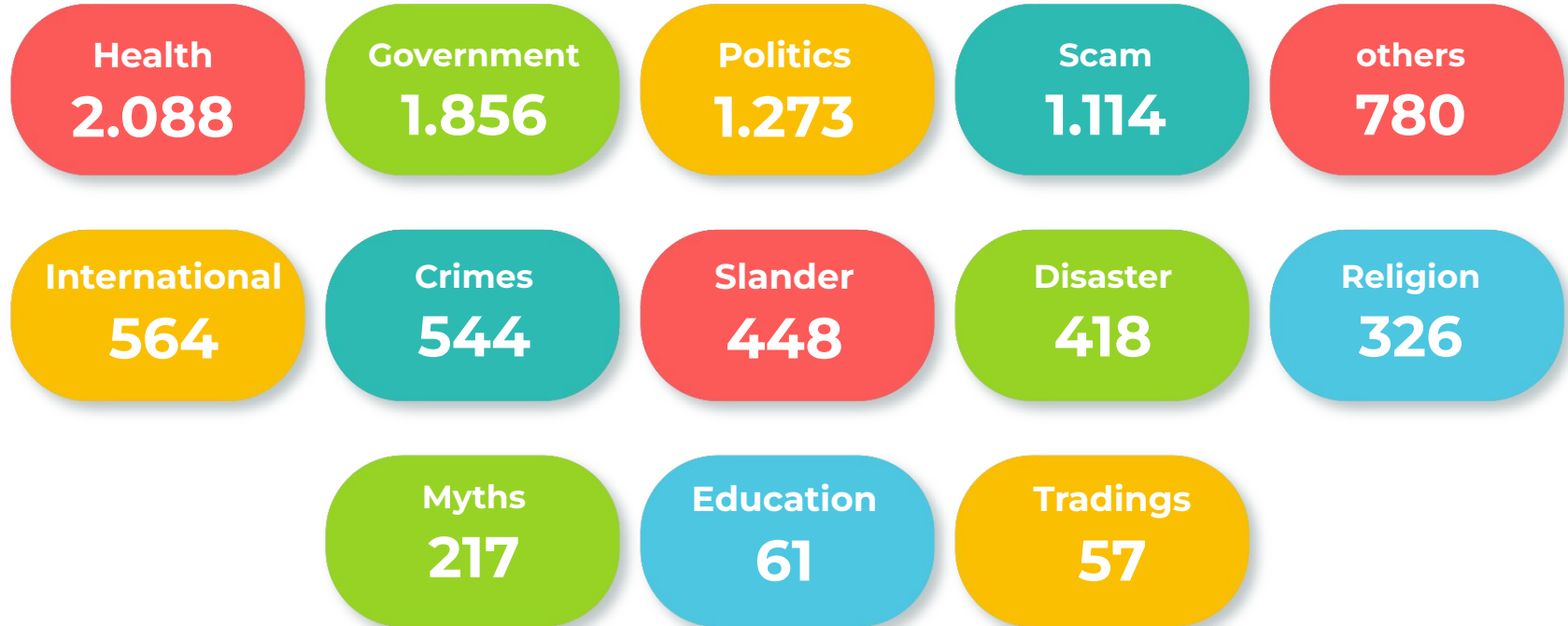
From 2018 to 2021, MCI has managed: more than 1 million negative contents from Twitter only.
Facebook, Instagram, and WhatsApp contributes to around 40.944 negative contents.

Low Digital Civility Index

Microsoft's Digital Civility Index (DCI) 2020 found that digital civility in Indonesia is the least among ASEAN countries (76 points).

54% misuse are in form of hoax and scams.

54%
Hoax and scams

31%
Hate speech

15%
Discrimination
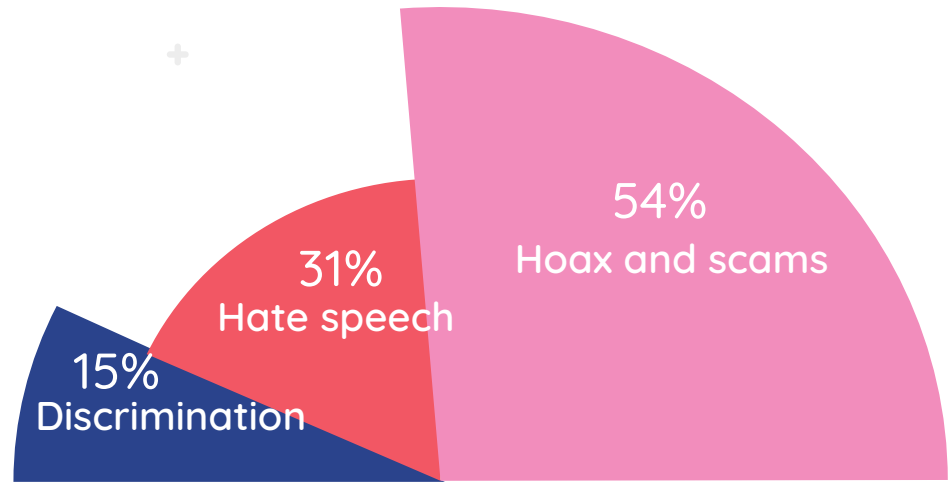
3 Risiko Besar Interaksi Daring

Hoax Categories

5 hoax categories based on Law No. 11 of 2008 on Electronic Information and Transactions

1

Harming consumers

3

causing trouble

5

Defaming or slandering

2

discrimination

4

potentially causing trouble
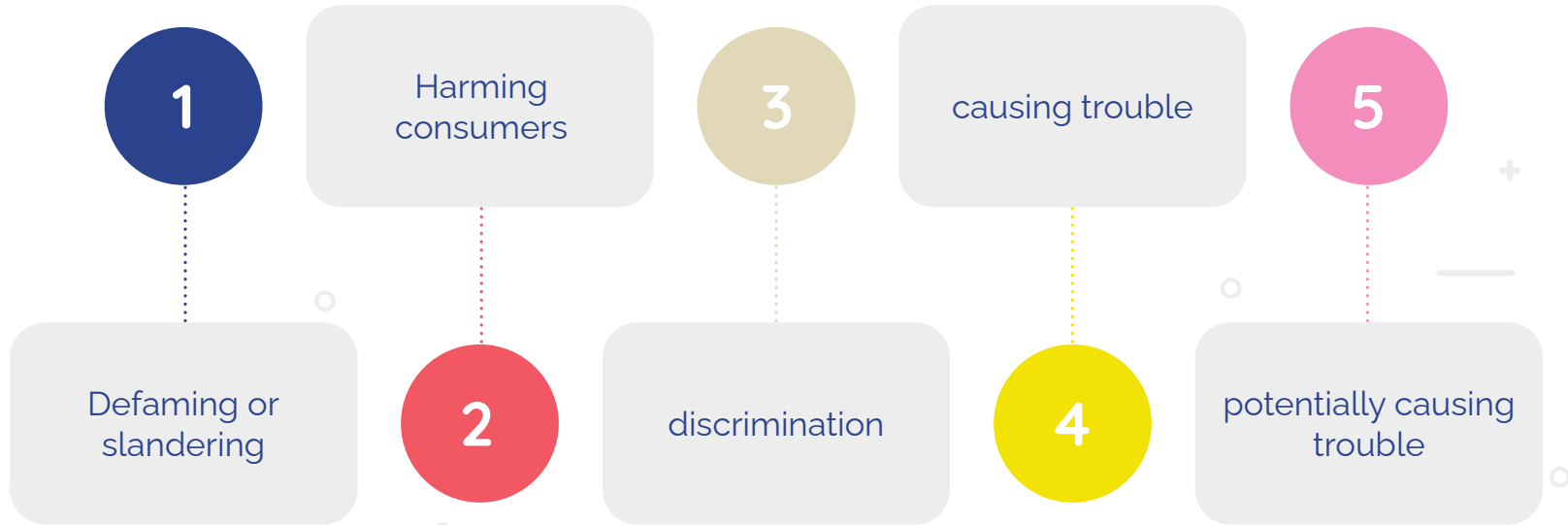
Regulation Of Minister Of Communications and Informatics Of The Republic Of Indonesia Number 5 Of 2020

The Private Scope Electronic System Operators have to fulfill:

1. overview of the operation of Electronic Systems;
2. the obligation to ensure information security in accordance with the provisions of the laws and regulations;
3. the obligation to protect Personal Data in accordance with the provisions of the laws and regulations; and
4. the obligation to test the reliability of Electronic Systems in accordance with the provisions of the laws and regulations.

*companies or ogranizations which provide digital service e.g. Google, Facebook, WhatsApp, TikTok, YouTube, and Twitter.
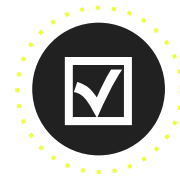
Government's role in securing cyberspace

There are three layers strategy: **upstream, downstream,** and **midstream**.

UPSTREAM

DIGITAL LITERACY PROGRAM educating people to spread valid and positive information in order to stop hoax and negative contents. This program is targeting 50 million people to participate until 2024.

Digital literacy by MCI

digital skills

individual skill in knowing, understanding, and utilizing IT software, hardware, digital operating system.

digital safety

individual ability in identifying, analyzing, and enforcing awareness of digital safety

digital culture

individual ability in elaborating and enforcing the values of Indonesia ideology "Pancasila and "diversity in unity"

digital ethics

individual ability in implementing and considering digital etiquette (netiquette)
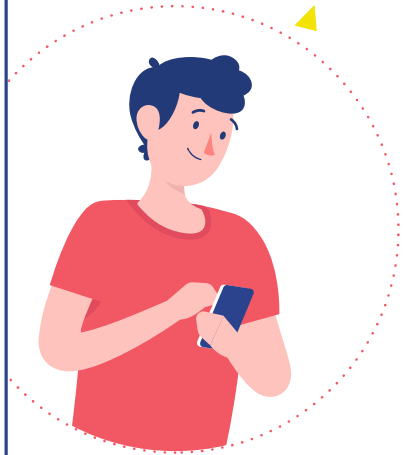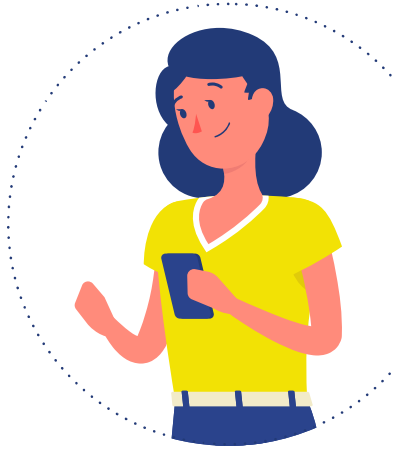
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MIDSTREAM

CONTENT TAKE DOWN / BANNING

- MCI take down negative content in websites, social media, digital platform, or specific accounts spreading negative contents.
- We have crawling machine (AIS) to detect hoax in daily basis.
- MCI also provide channels for reporting negative contents.

laman aduankonten.id

twitter @aduankonten

email:
aduankonten@mail.kominfo.go.id

Government's role in securing cyberspace

Three-layers strategy: **upstream, midstream,** and **downstream**

LAW ENFORCEMENT
Together with Indonesian National Police, we take cybercrime to legal action starts from investigation to administering criminal sanctions.

Thank you