

# Medical Product Quality Report – COVID-19 Issues

Issue 10. Data for March 2021

The document has been produced by the Medicine Quality Research Group,  
Centre of Tropical Medicine & Global Health, Nuffield Department of Medicine,  
University of Oxford



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## 1. Summary of findings

In this March 2021 issue, we report on 49 new public domain incidents on COVID-19 products on the Medicines Quality Monitoring Globe. Many of the incidents (21), concerned diverted, substandard or falsified COVID-19 vaccines. In early March, Interpol released the news on seizures of falsified vaccines in South Africa and China, adding that these are only the tip of the iceberg of COVID-19 vaccine crimes. At the end of March, WHO published a Medical Product Alert on falsified Pfizer/BioNTech COVID-19 vaccines in Mexico. During the WHO media briefing, WHO Director-General Dr Tedros, expressed his concern about the potential for criminal groups to take advantage of the pandemic. The messages of both international organisations enforce our call for joined-up interventions to enhance global capacity to prevent, detect and respond to SF COVID-19 vaccines.

For other COVID-19 related medical products the SF wave has slowed down, but substandard and falsified products are still out there. In this issue we include reports on falsified masks in the USA, Taiwan and Canada, on substandard masks in Canada and Kenya, and on repurposing of (used) gloves in Vietnam and Malaysia. The quality of hand sanitisers remains of concern. As was the case for previous issues of the Medical Product Quality Report, several sources report on the diverse quality issues encountered in the USA. Problems with hand sanitisers in many other countries sadly remains under the radar. We continue to report on molecules that were and are being trialled for COVID-19 treatment and/or prevention, for which SF issues occur.

We remain very concerned about the global risk of substandard and falsified COVID-19 medical products and especially vaccines. We continue to share data from the Medicines Quality Monitoring Globe (Figure 1), that can serve as early warning system for potential SF quality issues. We urge much more international coordination to mitigate the risks.



**FIGURE 1. Reports on the Medicines Quality Monitoring Globe linked to COVID-19**

SEARCH ON THE MEDICINES QUALITY MONITORING GLOBE WITH THE FOLLOWING FILTERS: SEARCH BOX "COVID-19", FROM 1 JANUARY 2021 TO 31 MARCH 2021, ALL LANGUAGES, INCIDENT REPORTS, REPORTS REVIEWED BY CURATORS. LAUNCH YOUR SEARCH OF INTEREST [on the IDDO-webpage](#).

## 2. Introduction

During the COVID-19 pandemic, the demand for COVID-19 related medical supplies has inevitably ballooned with an increased need for personal protective equipment (PPE), diagnostics and preventive & curative pharmaceuticals. The high demand and related shortages of genuine products contributes to an increased global risk of substandard and falsified (SF) medical products, for COVID-19 and for many other essential medicines. The media have been reporting diverse examples of SF products flooding the market.

This monthly report aims to collate information and reports in the public domain on the quality of medical products that are currently in use, or that are being trialled for COVID-19's prevention or treatment. We also include reports on key subjects such as access, affordability or off label use for COVID-19 if they mention concern of the quality of the products. We do not aim to include discussion of the multiple fraudulent claims and quackery.

We use the terminology for different types of poor quality medical products as defined by the World Health Organisation (WHO, 2017)<sup>1</sup>:

- **Substandard medical products**  
Also called “out of specification”, these are authorized medical products that fail to meet either their quality standards or their specifications, or both.
- **Unregistered/unlicensed medical products**  
Medical products that have not undergone evaluation and/or approval by the national or regional regulatory authority for the market in which they are marketed/distributed or used, subject to permitted conditions under national or regional regulation and legislation.
- **Falsified medical products**  
Medical products that deliberately/fraudulently misrepresent their identity, composition or source.

We emphasise the difference between the use of the terms ‘falsified’ and ‘counterfeit’ medical products. ‘Falsified’ is a broad term including all the various types of deliberate misrepresentation of a medical product from a public health perspective. The term ‘counterfeit’ is specifically linked to intellectual property rights, ‘trademark counterfeit goods’<sup>2</sup> and ‘pirated copyright goods’<sup>3</sup> as used in the Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement.

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<sup>1</sup>Source: World Health Organisation. Appendix 3 WHO MEMBER STATE MECHANISM ON SUBSTANDARD/SPURIOUS/FALSELY-LABELLED/FALSIFIED/COUNTERFEIT (SSFFC) MEDICAL PRODUCTS WORKING DEFINITIONS. In: Seventieth World Health Assembly. ; 2017. Accessed March 2, 2021. [https://www.who.int/medicines/regulation/ssffc/A70\\_23-en1.pdf?ua=1](https://www.who.int/medicines/regulation/ssffc/A70_23-en1.pdf?ua=1)

<sup>2</sup>*Trademark counterfeit goods*: any goods, including packaging, bearing without authorization a trademark which is identical to the trademark validly registered in respect of such goods, or which cannot be distinguished in its essential aspects from such a trademark, and which thereby infringes the rights of the owner of the trademark in question under the law of the country of importation.

Source: World Trade Organization. Part III — Enforcement of Intellectual Property Rights. Accessed March 2, 2021. [https://www.wto.org/english/docs\\_e/legal\\_e/27-trips\\_05\\_e.htm#ftn-14](https://www.wto.org/english/docs_e/legal_e/27-trips_05_e.htm#ftn-14)

<sup>3</sup>*Pirated copyright goods*: any goods that are copies made without the consent of the right holder or person duly authorized by the right holder in the country of production, and which are made directly or indirectly from an article where the making of that copy would have constituted an infringement of a copyright or a related right under the law of the country of importation.

The reports presented here were mostly extracted from the Medicines Quality Monitoring Globe ([the MQM Globe is accessible on the IDDO website<sup>4</sup>](#)), a system that scrapes online newspapers (referenced in Google News) for early warnings of SF medical products. In addition, alerts and reports by national and international organisations are included when captured by the members of the team or shared by colleagues. This report also includes scientific literature and policy documents related to COVID-19 medical products quality identified by manual searches in PubMed and Google Scholar. These will be displayed on the Medicine Quality COVID-19 Surveyor to be released in the coming months. We also include preprint of articles. Please note that preprints should be viewed with additional caution as they have not been peer-reviewed. They should not be relied on to guide clinical practice or health-related behaviour and should not be reported in news media as established information.

Please note the caveats for the lay literature ([MQM Globe disclaimer and caveats are accessible on the IDDO website<sup>5</sup>](#)); we include abstracts and extracts from articles that are subject to a take down policy. If we are contacted by a potential rights-holder who objects to the presence of material, we will remove the material in question from the report and Globe until we have been able to assess the case. Where material is removed for valid reasons of copyright, its removal will be considered as lasting until copyright in the material expires, or until the rights-holder agrees that the material can be reinstated.

This tenth issue of the monthly report 'Medical Product Quality Report – COVID-19 Issues' covers information published during the month of March 2021. The previous issues covered publications from January 1<sup>st</sup> 2020 to February 28<sup>th</sup> 2021 are available on the IDDO<sup>6</sup> and MORU<sup>7</sup> websites. We also include publications and reports published prior to March 2021 that were missed in the previous issues of the report. We are developing a system for scraping regulatory authority and international organisation websites for alerts. Any remarks or additions to content are greatly appreciated (please write to [medicinequality@iddo.org](mailto:medicinequality@iddo.org)).

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Source: World Trade Organization. Part III — Enforcement of Intellectual Property Rights. Accessed March 18, 2021. [https://www.wto.org/english/docs\\_e/legal\\_e/27-trips\\_05\\_e.htm#fnt-14](https://www.wto.org/english/docs_e/legal_e/27-trips_05_e.htm#fnt-14)

<sup>4</sup>Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe. Web Page. Published 2020. Accessed March 18, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe>

<sup>5</sup>Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe disclaimer and caveats. Web Page. Published 2020. Accessed March 18, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe-disclaimer-and-caveats>

<sup>6</sup>Infectious Diseases Data Observatory. Medical Product Quality Reports. Medical Product Quality Reports. Published 2020. Accessed March 18, 2021. <https://www.iddo.org/research/medical-product-quality-reports>

<sup>7</sup>MORU Tropical Health Network. Medical Product Quality Report - Covid-19 issues. Medicine Quality. Published 2020. Accessed March 18, 2021. <https://www.tropmedres.ac/research-areas/medicine-quality/medicine-quality>

### 3. Scientific literature

#### A. General

Abuga K, Nyamweya N. **Alcohol-Based Hand Sanitizers in COVID-19 Prevention: A Multidimensional Perspective.** *Pharmacy.* 2021;9(1):64.

doi:10.3390/pharmacy9010064

Extract. « *The spike in demand for ABHS [Alcohol-Based Hand Sanitizers] products occasioned by the COVID-19 pandemic, created an opportunity for substandard products to enter the market. One of these products had a methanol concentration of 81%. This highlights the importance of manufacturers ensuring that they have adequate quality controls to prevent adulterated products from reaching the market. In some cases, methanol is used as an ethanol substitute by ABHS manufacturers if it is more readily available or less costly than the permitted alcohols. Tragically, such actions resulted in hundreds of deaths and numerous cases of loss of sight in Iran in 2020 when individuals unknowingly consumed ABHS tainted with methanol. The need for ABHS manufacturers to avoid methanol and methylated spirits containing methanol is critical. Notably, the addition of denaturing agents to ABHS is a critical aspect of reducing the risk of their oral ingestion. Furthermore, stringent regulatory oversight is required to monitor ABHS manufacturers and supply chains.* »

Labaran MJ, Hamma-Adama M. **View of The Nigerian Pharmaceutical Supply Chain: Blockchain Adoption, Counterfeit Drugs and Successful Deployment of COVID-19 Vaccine in Nigeria.** *J Sci Res Reports.* 2021;27(2):20-36.

doi:https://doi.org/10.9734/jsrr/2021/v27i230356

Extract. « *(\*)Result: Firstly, this study has ascertained the current prevalence of counterfeit drugs and the reasons for that. The study discovers a very high level of counterfeit drugs and some reasons behind that. Secondly, this study has also found some barriers to blockchain adoption, including the fact that the level of awareness of blockchain technology among stakeholders within the Nigerian pharmaceutical supply chain and the regulatory agencies is very low. (\*)Conclusion: It was concluded that the efforts put in developing a viable COVID-19 vaccine could be undermined due to the current nature of the Nigerian pharmaceutical supply chain, the nature of porous borders in place, absence of an apparent drug distribution system, among others. This study also concludes that the supply chain's current structure needs more regulatory and structural interventions by the Nigerian government than blockchain technology. In other words, with the current nature of the supply chain, blockchain technology adoption would not be effective in delivering the said benefits reported by scholars because the atmosphere is not conducive for successful blockchain adoption.* »

Oppong JR, Dadson YA, Ansah H. **Africa's innovation and creative response to COVID-19.** *African Geogr Rev.* Published online 2021.

doi:10.1080/19376812.2021.1897635

Extract. « *Expand local manufacturing of critical medical supplies. Amid global shortages, disrupted supply chains, and export bans, African pharmaceutical and manufacturing companies displayed their ability to produce critical supplies and drugs. Expanded support and regulation of these industries are necessary to prepare for future pandemics and avoid fake drugs.* »

[Preprint] Wang Y, Dong L, Liang Y, et al. **Willingness for COVID-19 Vaccination and Influencing factors in Nurses from Tangshan City, China: A Cross-sectional Study.** *Preprint.* Published online March 11, 2021:1-21. doi:10.21203/rs.3.rs-275435/v1

Extract. « *Reasons for nurses' willingness for COVID-19 vaccination. Among the 173 nurses who expressed willingness for COVID-19 vaccination, the major reasons included engaging in high-risk work requiring vaccination against COVID-19 (87.9%), expected benefits to themselves and others (72.8%) and worries regarding COVID-19 infection (66.5%). Meanwhile, among the 82 nurses who were unwilling to undergo COVID-19 vaccination, the major reasons included concerns regarding safety (89.0%), effectiveness (62.2%) and the possibility of fake vaccines (32.9%).* »

## B. Seizures/Surveys/Case Reports/Reviews

Jewett C, Hancock J. Counterfeit N95 Scam Widens as Senator Demands FTC Investigation. *Biomed Saf Stand.* 2021;51(7):49-51.  
doi:10.1097/01.BMSAS.0000742140.39210.df

Extract. « *A key US senator is calling on the Federal Trade Commission (FTC) to investigate N95 mask fraud and federal agents announced the seizure of 1.7 million more counterfeit 3M masks in New York borough of Queens, as the breadth of a major scam concerning frontline health workers continues to grow. Early Thursday, February 11, 2021, Sen. Maria Cantwell (D-Wash.), on her first day as chair of the Senate Commerce Committee, said she would ask the FTC to look into 1.9 million counterfeits shipped to hospitals in Washington State. The state hospital association announced earlier in the week that law enforcement had notified them that they'd been sold fake N95s branded as 3M products.* »

## 4. International organisations

### A. Incidents reported in March

Interpol. **Fake COVID vaccine distribution network dismantled after INTERPOL alert.** News. Published March 3, 2021. Accessed March 3, 2021.

<https://www.interpol.int/en/News-and-Events/News/2021/Fake-COVID-vaccine-distribution-network-dismantled-after-INTERPOL-alert>

Extract. « *South African authorities have seized hundreds of fake COVID-19 vaccines following a global alert issued by INTERPOL warning vaccines would be a prime target for criminal networks. Some 400 ampoules - equivalent to around 2,400 doses - containing the fake vaccine were found at a warehouse in Germiston, Gauteng, where officers also recovered a large quantity of fake 3M masks and arrested three Chinese nationals and a Zambian national. In China, police successfully identified a network selling counterfeit COVID-19 vaccines, raided the manufacturing premises, resulting in the arrest of some 80 suspects, and seized more than 3,000 fake vaccines on the scene.* »

World Health Organization. **Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2.** Medical Product Alert. Published March 26, 2021. Accessed March 29, 2021. <https://www.who.int/news/item/26-03-2021-medical-product-alert-n-2-2021-falsified-covid-19-vaccine-bnt162b2>

Extract. « *This WHO Medical Product Alert refers to falsified COVID-19 Vaccine identified as "BNT162b2" detected in Mexico in February 2021 and recently confirmed as falsified to the WHO. The falsified product was supplied and administered to patients outside authorized vaccination programs. This falsified COVID-19 Vaccine may still be in circulation in the region and may continue to be offered to patients outside authorized vaccination programs.* »

## B. Other

INTERPOL. **Online vaccine scams: INTERPOL and Homeland Security Investigations issue public warning.** News. Published March 24, 2021. Accessed April 7, 2021. <https://www.interpol.int/en/News-and-Events/News/2021/Online-vaccine-scams-INTERPOL-and-Homeland-Security-Investigations-issue-public-warning-Be-vigilant-be-skeptical-be-safe>

*Extract. « INTERPOL and the United States's Homeland Security Investigations (HSI) have joined forces to warn the public against purchasing alleged COVID-19 vaccines and treatments online. With criminal groups producing, distributing and selling fake vaccines, the risks to the public are clear: these can include buying a product which not only does not protect against COVID-19, but poses a serious health hazard if ingested or injected. Such products are not tested, regulated or safety-checked. Legitimate vaccines are not for sale. They are strictly administered and distributed by national healthcare regulators. Anyone buying these products online also runs the risk of potentially giving their money to organized criminals. »*

United Nations. **Draft Kyoto Declaration on Advancing Crime Prevention, Criminal Justice and the Rule of Law: Towards the Achievement of the 2030 Agenda for Sustainable Development.** 2021. Accessed March 8, 2021. <https://undocs.org/A/CONF.234/L.6>

*Extract. « We commit ourselves to take decisive actions and action-oriented measures to address challenges and remove international impediments posed and aggravated by COVID-19 to crime prevention and criminal justice, including by a multilateral approach and strengthening the resilience of law enforcement and other criminal justice institutions through multilateral cooperation and multi-stakeholder partnership, with special attention to the urgent capacity-building and technical assistance needs of developing countries in this regard, bearing in mind the long-term social and economic implications of the pandemic, including for sustainable development and international cooperation, and recognizing that the poorest and most vulnerable are the hardest hit by the impact of the pandemic [...] Encourage data collection and research on the manufacturing of and trafficking in falsified medical products, while recognizing, within its scope of application, the definition of falsified medical products endorsed by the World Health Assembly in 2017, and, taking this into account, strengthen, as appropriate, measures to respond to the manufacturing of and trafficking in falsified medical products. »*

World Health Organization. **Media Briefing on COVID-19.** World Health Organization ; 2021. Accessed April 30, 2021. <https://www.youtube.com/watch?v=Perb3IKasjc&t=335s>

WHO Director-General, Dr Tedros Adhanom Ghebreyesus, is concerned about the potential for criminal groups to exploit the huge global unmet demand for COVID-19 vaccines. He warns against purchasing outside government-run programmes as these COVID-19 vaccines could be substandard or falsified, and can cause serious harm.

## 5. Miscellaneous

Fight the Fakes. **Updated statement regarding COVID-19 and falsified medical products. Fight the Fakes Alliance: Official Statement to COVID-19 and Falsified Medical Products.** Updates. Published December 2020. Accessed January 19, 2021. <http://fightthefakes.org/updated-statement-regarding-covid-19-and-falsified-medical-products/>  
Update March 12,2021

Extract. « *The Fight the Fakes Alliance is calling on the global health community to raise awareness about the dangers of falsified medical products promising to treat, protect from or cure COVID-19.* »

Food and Drug Administration Philippines. **FDA Advisory No. 2021-0664 || Public Health Warning on Fake COVID-19 Vaccines.** FDA Advisory. Published March 30, 2021. Accessed April 7, 2021. <https://www.fda.gov.ph/fda-advisory-no-2021-0664-public-health-warning-on-fake-covid-19-vaccines/>

Extract. « *The FDA would like to inform the public that globally no approved COVID-19 vaccines are currently available for sale online. In the Philippines, no COVID-19 vaccines are allowed to be offered for sale in any pharmacy, botika or drug outlets. Any vaccine being advertised on websites are not legitimate. Also in the Philippines, only COVID-19 vaccines with Emergency Use Authorization and those procured by and through the Government of the Philippines are allowed.* »

Partnership for Safe Medicines. **Vaccine Trash Makes Cash.** Partnership for Safe Medicines; 2021. Accessed May 3, 2021.

<https://www.youtube.com/watch?v=KG5QmOiW2eU>

The Partnership for Safe Medicines reported that empty COVID-19 vaccine vials are for sale online. They did the test and could buy some vials after a brief online search. They highlight that there are no requirements for secure destruction for COVID-19 vaccine vials since they are not seen as medical waste. For criminals, the empty vaccine vials are a great opportunity for vaccine scams.

Shapira B, Berkovitz R. **Vaccine Scams, Miracle Cures, Spurious Supplements, and Counterfeit Medical Devices during the COVID-19 Pandemic in Israel** Division of Enforcement and Inspection, Israel Ministry of Health. (2021). Vaccine Scams, Miracle Cures, Spurious Supplements, and C.; 2021. Accessed April 8, 2021. [https://govextra.gov.il/media/33589/imoh\\_covid19\\_counterfeit-report\\_march-2021.pdf](https://govextra.gov.il/media/33589/imoh_covid19_counterfeit-report_march-2021.pdf)

Extract. « *In this brief report, we summarise a list of cases in Israel involving the sale of fake, substandard and counterfeit medical products claimed to protect from or treat COVID-19. The summary is provided by the Division of Enforcement and Inspection at the Ministry of Health, which is tasked with investigating pharmaceutical crime cases in Israel. We aim to provide readers with an understanding and a point of comparison of current counterfeiting trends related to pharmaceutical crime in the larger context of the COVID-19 pandemic.* »

United States Food & Drug Administration. **National Consumer Protection Week: FDA Is Vigilant in Protecting Consumers Against COVID-19 Vaccine Scams.** FDA Newsroom - FDA Voices. Published March 2, 2021. Accessed April 8, 2021.

<https://www.fda.gov/news-events/fda-voices/national-consumer-protection-week-fda-vigilant-protecting-consumers-against-covid-19-vaccine-scams>

Extract. « *The FDA's dedicated COVID-19 Fraudulent Products Task Force continues to monitor the market, including online, for fraudulent COVID-19 products, and the Operation Quack Hack initiative continues to leverage agency expertise and advanced analytics, resulting in the removal of hundreds of unlawful products from the marketplace. To date, the agency has uncovered nearly 1,300 fraudulent products, sent more than 160 warning letters, issued more than 270 abuse complaints to domain registrars, and sent more than 290 requests to various marketplaces to remove listings for fraudulent COVID-19 products.* »

Additional publications from prior to March 2021

Geldenhuis K. **Exploiting the pharmaceutical market during COVID-19.**

*Servamus Community-based Saf Secur Mag.* 2021;114(1). Accessed April 7, 2021. <https://journals.co.za/doi/pdf/10.10520/ejc-servamus-v114-n1-a9>

Abstract. « *Crimes that are committed in the pharmaceutical industry, such as counterfeiting and fraud, are very serious threats during normal times. But COVID-19 has exacerbated that threat as large consignments of counterfeit medical products have been distributed. These include substandard masks and ventilators, as well as counterfeit medication after claims that malaria medication and interferons might be a cure for the coronavirus.* »

Geldenhuis K. **The dangers lurking behind hand sanitiser.** *Servamus*

*Community-based Saf Secur Mag.* Published online January 1, 2021. Accessed April 7, 2021. <https://journals.co.za/doi/abs/10.10520/ejc-servamus-v114-n1-a8>

Abstract. « *Hand sanitisers have become part of our day-to-day living as they became essential in the fight against COVID-19. Since we have to keep our hands clean in an attempt to avoid spreading the virus, these products contain high volumes of alcohol which is combined with other strong chemicals to form a solution which kills germs and stops the spreading of some diseases. However, not everyone has been using hand sanitiser to preserve their health. While South Africans were unable to purchase alcohol during the initial lockdown period, many brought a self-induced illness on themselves by consuming hand sanitisers.* »

## 6. Lay literature

### 6.1 Disclaimer & Notes

The information included below is based on the data used to create the Medicine Quality Monitoring Globe<sup>8</sup> (MQM Globe). It contains publicly available information on the quality of medical products from non-peer-reviewed lay literature. We report the information as it is stated in the articles and can thus be biased towards the authors perspective. It does not necessarily reflect our vision or judgment on the issue. Also, this information usually will not have scientific confirmation. Therefore, the information needs to be interpreted with the greatest caution. We regard the reports as early warnings of potential problems. No or few articles from a region does not imply that the medical product quality there is good, but probably reflects a lack of accessible information. Full disclaimer and caveats can be found at [MQM Globe disclaimer and caveats](#)<sup>9</sup>.

The Google News search tool is used to capture data from online news sources. Articles matching the search terms are loaded into a database and curated by trained analysts. Because the Globe system extracts newspaper articles from journals referenced in Google News only, reports not referenced in Google News would not be captured. [Please consult the IDDO website for full methodology](#)<sup>10</sup>. On the 20th of March 2020, the search terms were adapted to capture more papers on substandard and falsified (SF) medical supplies for COVID-19 from Google News. In addition, the Globe system captures some of the United States Food and Drug Administration (US FDA) medical products alerts. In the future, we will extend this feature for the US FDA and to other regulatory authorities.

The articles discussed in the sections below are available in the Globe-reports, in this report's annexes, or on the online MQM Globe using the report ID (six digit code). The MQM Globe-reports are generated with pre-defined search terms, which enable quick access to reports of (a) COVID vaccines, (b) COVID diagnostics, (c) Personal Protective Equipment (PPE), (d) Sanitisers and disinfectants, (e) COVID medicines, and (f) Ventilation equipment. Only the relevant articles included in the MQM Globe-reports are selected for the current COVID-19 report.

In this report we share details of articles captured by the MQM Globe that are linked to medical products potentially used in the context of COVID-19 or to active pharmaceutical ingredients (APIs) that are being trialled for COVID-19 treatment and/or prevention. In theory there is a distinction between (a) SF incidents that are due to or increased by the COVID-19 epidemic; and (b) incidents that would have happened in any case. It can be difficult to make the distinction between the two types of incidents and some reports cited below are not directly linked to the

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<sup>8</sup>Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe. Web Page. Published 2020. Accessed April 23, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe>

<sup>9</sup>Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe disclaimer and caveats. Web Page. Published 2020. Accessed April 23, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe-disclaimer-and-caveats>

<sup>10</sup>Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe methodology. Web Page. Published 2020. Accessed April 23, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe-methodology>

treatment of COVID-19. Nevertheless we have included them as they represent crossover risks and help to assess the evolution of the alerts on these medical products over time.

Although oxycodone is being trialled for COVID-19 treatment<sup>11</sup>, we do not include issues related to oxycodone as the system would become swamped by reports on its inappropriate use and cases of pills laced with fentanyl due to their wide occurrence on the black market.

For this report, we only included data that were published in English. For articles in French, Spanish, Mandarin, and Vietnamese; please consult the online MQM Globe. We will continuously work to improve the MQM Globe. Any remarks or additions to content are encouraged (please write to [medicinequality@iddo.org](mailto:medicinequality@iddo.org)).

### **Changes in methodology since the last Medical Product Quality Report - COVID-19 issues (February 2021)<sup>12</sup>**

There are no changes in methodology since the last 'Medical Product Quality Report – COVID-19 issues' with data from February 2021. Please read more about the changes in methodology since the first report that was published in July 2020 in Annex A.

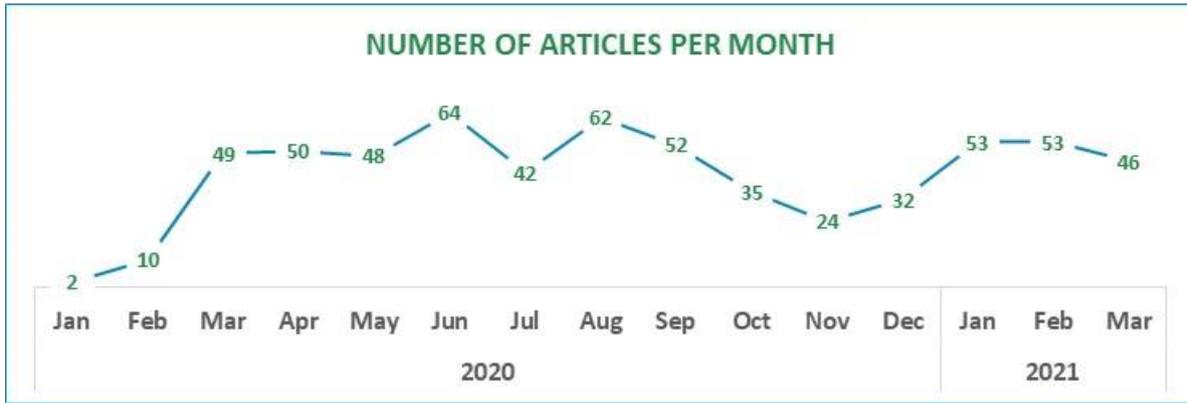
## **6.2 Articles on substandard or falsified medical products for COVID-19: main characteristics**

Since the beginning of the pandemic we have identified 622 relevant articles on quality problems of COVID-19 medical products (Figure 2). For March 2021, we report on 46 articles. Within those articles, 2 alerted on diagnostics, 5 on COVID-19 related treatments, 9 are linked to personal protective equipment (PPE), 12 to sanitisers and disinfectants, and 21 to vaccines (Figure 3 and 4). There were no articles detected for ventilation equipment.

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<sup>11</sup>Hashemian SRM. Evaluation the effects of Oxycodone administration on pain control in patients with COVID-19. Iranian Registry of Clinical Trials. Published June 8, 2020. Accessed October 9, 2020. <https://en.irct.ir/trial/48534>

<sup>12</sup>Infectious Diseases Data Observatory. Medical Product Quality Reports. Medical Product Quality Reports. Published 2020. Accessed March 2, 2021. <https://www.iddo.org/mq/research/medical-product-quality-reports>

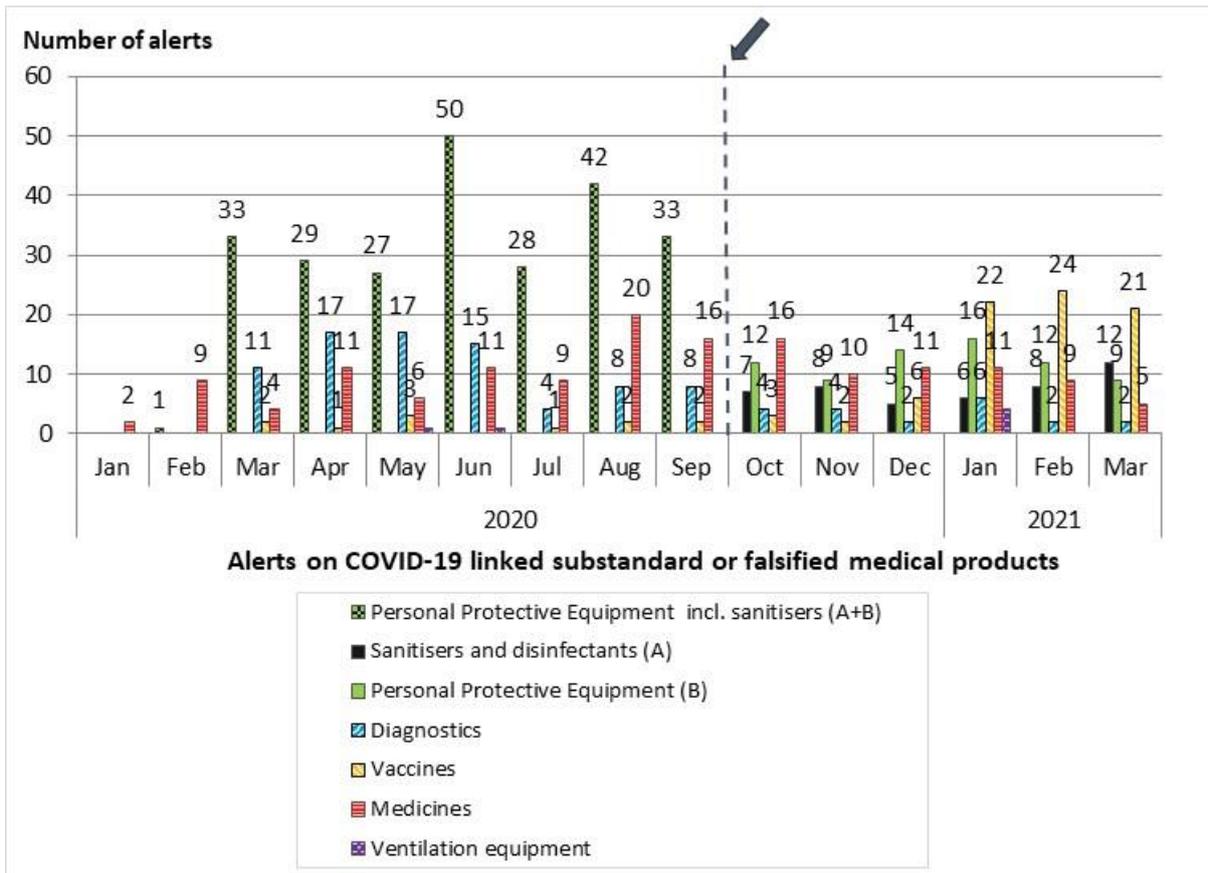


**Figure 2. Number of articles on the Medicines Quality Monitoring Globe linked to substandard or falsified COVID-19 supplies by month.**

AS SOME ARTICLES DESCRIBE MORE THAN ONE CATEGORY OF PRODUCTS, THE SUM OF ALERTS PER MONTH AS SHOWN IN FIGURE 3 AND 4 MAY EXCEED THE SUM OF ARTICLES PER MONTH OF FIGURE 2.

NOTE (1) SINCE NOVEMBER '20, NON-COVID-19 MEDICINES CONTAINING HIDDEN API(S) THAT IS/ARE USED OR TRIALLED FOR COVID-19 ARE NO LONGER INCLUDED IN THE COVID-19 REPORTS. ONLY MEDICINES FOR WHICH THE STATED API IS USED OR TRIALLED FOR COVID-19 TREATMENT ARE INCLUDED IN THE COVID-19 REPORT. THE OBSERVED DECREASE OF THE NUMBER OF ARTICLES CAN BE AT LEAST PARTIALLY DUE TO THIS CHANGE.

NOTE (2) SEARCH TERMS FOR COVID-19 VACCINES THEFT AND DIVERSION HAVE BEEN ADDED, THE OBSERVED RISE IN THE NUMBER OF ARTICLES FROM JANUARY '21 CAN BE AT LEAST PARTIALLY DUE TO THIS CHANGE.



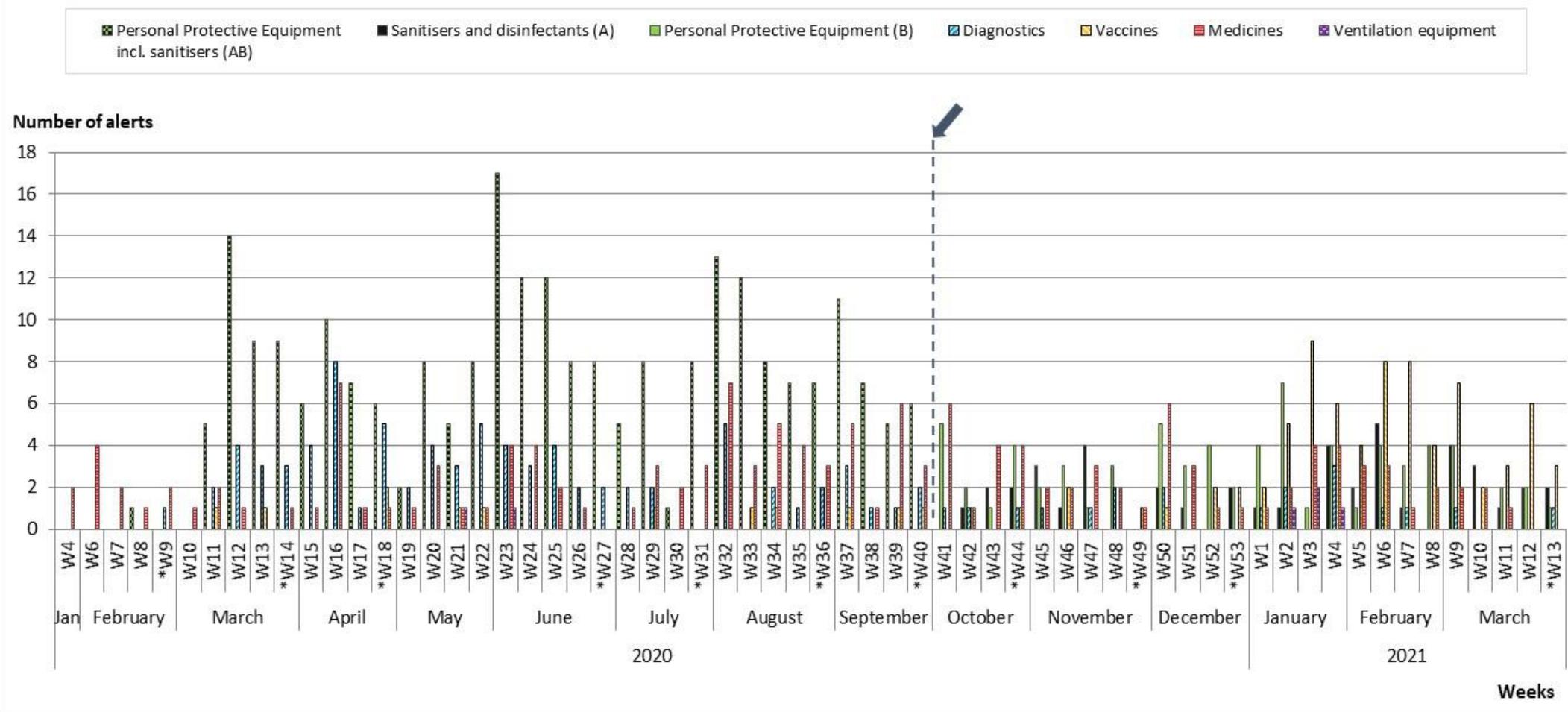
**Figure 3. Number of alerts on the Medicines Quality Monitoring Globe by category of products and by month.**

ALERTS ARE FOR SUBSTANDARD OR FALSIFIED PRODUCTS LINKED TO COVID-19. AS SOME ARTICLES DESCRIBE MORE THAN ONE CATEGORY OF PRODUCTS, THE SUM OF ALERTS PER MONTH MAY EXCEED THE SUM OF ARTICLES PER MONTH REPORTED IN FIGURE 2. THE ARROW INDICATES THE END OF SEPTEMBER WHEN THE CATEGORY OF 'PERSONAL PROTECTIVE EQUIPMENT INCL. SANITISERS' WAS SPLIT IN TWO DISTINCT CATEGORIES: (A) SANITISERS AND DISINFECTANTS, AND (B) PERSONAL PROTECTIVE EQUIPMENT.

NOTE (1). SINCE NOVEMBER, NON-COVID-19 MEDICINES CONTAINING HIDDEN API(S) THAT IS/ARE USED OR TRIALLED FOR COVID-19 ARE NO LONGER INCLUDED IN THE COVID-19 REPORTS. ONLY MEDICINES FOR WHICH THE STATED API IS USED OR TRIALLED FOR COVID-19 TREATMENT ARE INCLUDED IN THE COVID-19 REPORT. THE OBSERVED DECREASE OF THE NUMBER OF ARTICLES ON MEDICINES CAN BE AT LEAST PARTIALLY DUE TO THIS CHANGE.

NOTE (2). SEARCH TERMS FOR COVID-19 VACCINES THEFTS AND DIVERSION HAVE BEEN ADDED, THE OBSERVED RISE IN THE NUMBER OF ARTICLES FROM JANUARY '21 CAN BE AT LEAST PARTIALLY DUE TO THIS CHANGE.

### Alerts on COVID-19 linked substandard or falsified medical products



**Figure 4. Number of alerts on the Medicines Quality Monitoring Globe by category and by week.**

ALERTS ARE FOR SUBSTANDARD OR FALSIFIED PRODUCTS LINKED TO COVID-19. THE FIGURE STARTS IN WEEK 4, MONDAY 20<sup>TH</sup> OF JANUARY, 2020 AND ENDS ON WEEK 13, WEDNESDAY 31<sup>ST</sup> OF MARCH, 2021. WEEKS WITH AN ASTERISK (\*) ARE OVERLAPPING 2 MONTHS, EACH TIME THE WEEK IS ATTRIBUTED TO THE EARLIEST MONTH. AS SOME ARTICLES DESCRIBE MORE THAN ONE CATEGORY OF PRODUCTS, THE SUM OF ALERTS PER MONTH MAY EXCEED THE SUM OF ARTICLES PER MONTH REPORTED IN FIGURE 2. THE ARROW INDICATES THE END OF SEPTEMBER WHEN THE CATEGORY OF “PERSONAL PROTECTIVE EQUIPMENT INCL. SANITISERS” WAS SPLIT IN TWO DISTINCT CATEGORIES: (A) SANITISERS AND DISINFECTANTS, AND (B) PERSONAL PROTECTIVE EQUIPMENT.

NOTE (1). SINCE NOVEMBER, NON-COVID-19 MEDICINES CONTAINING HIDDEN API(S) THAT IS/ARE USED OR TRIALLED FOR COVID-19 ARE NO LONGER INCLUDED IN THE COVID-19 REPORTS. ONLY MEDICINES FOR WHICH THE STATED API IS USED OR TRIALLED FOR COVID-19 TREATMENT ARE INCLUDED IN THE COVID-19 REPORT. THE OBSERVED DECREASE OF THE NUMBER OF ARTICLES ON MEDICINES CAN BE AT LEAST PARTIALLY DUE TO THIS CHANGE.

NOTE (2). SEARCH TERMS FOR COVID-19 VACCINES THEFTS AND DIVERSION HAVE BEEN ADDED, THE OBSERVED RISE IN THE NUMBER OF ARTICLES FROM JANUARY '21 CAN BE AT LEAST PARTIALLY DUE TO THIS CHANGE.

## 6.3 Vaccines

### Diversion

On the 3rd of March an article reports on stolen empty vaccine vials in Israel (report ID 975656). Two men were suspected of stealing empty Pfizer/BioNTech vaccine vials from an employer and selling them on the internet for 100 USD each. Dozens of vials were found upon inspection of the suspect's home. At least nine vials were sold: seven to buyers in the USA, one in France and one in Italy.

In Jamaica, one vial containing ten doses of Oxford-AstraZeneca vaccine disappeared from a hospital (report ID 1003286). An investigation is ongoing to clarify if the vial was stolen or if human error was at play, for example because of misplacing the vial. In Scotland (UK), a man has been charged with the theft of one vial of COVID-19 vaccine from a vaccination centre (report ID 990549). In Ghana, four health officials were charged for their role in allegedly stealing and selling 62 vials of 'Covidshield' [*sic*] belonging to the Ghanaian government (report ID 988608).

Two cases of COVID-19 vaccine diversion occurred in the USA. Firstly, two pharmacists were fired from a health care organisation in Illinois (report ID 992152). In December 2020 one of the pharmacist had allegedly mixed doses of Pfizer/BioNTech COVID-19 vaccine vials and took some vials home to administer to family members. Secondly, in Michigan, police arrested a nurse for allegedly stealing COVID-19 vaccine from a vaccine distribution site (report ID 981668). The article does not mention which vaccine brand was stolen and it is unknown if the nurse took the vaccine for acquaintances or in order to sell it.

### Illicit sales

On the first of March an article published information from a report from the European Anti-Fraud Office (OLAF; report ID 961495). Allegedly fraudulent COVID-19 vaccine offered to governments and health authorities amounts to over 900 million doses and allegedly 92% of fake offers were for the AstraZeneca vaccine. In addition, the report discusses the risk of theft of vaccines at different levels of the supply chain and warns about SF COVID-19 vaccines on the illicit market.

In the Philippines, the government is investigating three companies for selling falsified COVID-19 vaccines (report ID 998393). The companies are not recognised as official vaccine distributors. The name of the companies or the affected vaccine brands were not shared.

Although the use of Sputnik V has not been approved yet by the Kenyan Ministry of Health, the vaccine is already circulating in the country (report ID 990984). A member of the vaccine taskforce confirmed the presence of the unregistered vaccine in the country but could not report on quantities.

### COVID-19 vaccine perils in Mexico

In March, several incidents of falsified COVID-19 vaccines in Mexico were reported in the lay press. An article reported that on the 26<sup>th</sup> of February, the Mexican medicine regulatory authority Cofepris (Comisión Federal para la Protección contra Riesgos Sanitarios) issued a drug health alert (report ID 976281). It warned the population on the illegal online sales of COVID-19 vaccines labelled as from Cansino Biologics, Sinopharm Group Co. Ltd, and Sinovac.

On the 2<sup>nd</sup> of February, Cofepris issued an emergency use authorisation for the Sputnik V vaccine<sup>13</sup>. On the 18<sup>th</sup> of March an article reports the seizure of falsified Sputnik V vaccines by Mexican authorities at Campech International Airport (report ID 98417). The 5,775 doses of the vaccines were found in an icebox containing soft drinks and were due to be transported by plane to Honduras. The vaccines were labelled as Sputnik V but with Russian spelling errors. On the 24<sup>th</sup> of March an article reported that Cofepris has been investigating another incident in Campech (report ID: 990553). Over a thousand employees of one company were injected with alleged Sputnik V vaccines. Cofepris reiterated that people should only rely on vaccination centres of the Mexican authorities and pointed out the risk of receiving COVID-19 vaccines through other distribution channels.

On the 26<sup>th</sup> of March 2021, WHO issued a Medical Product Alert on falsified 'COVID-19 Vaccine BNT162b2' (report ID 994973). The vaccine was detected in Mexico in February 2021 and stated to be manufactured by 'Pfizer BIONTECH' [*sic*]. WHO warned that the vaccine might still be circulating and offered to patients in the Americas. In previous reports we already described two other incidents of falsified Pfizer/BioNTech vaccines in Mexico<sup>14</sup>. It is difficult to know whether this is a new incident or whether it is linked to the previously reported incidents.

#### Purported COVID-19 vaccines

In early March, for the National Consumer Protection Week, the US FDA published an article describing that it continues to be vigilant in protecting consumers from COVID-19 vaccine fraud (report ID 962956). Some incidents discussed in the article have been reported in previous issues of the Medical Product Quality Reports. However, the article also highlights that the US FDA found offers for tea products, that are claimed to have the same benefits as authorized COVID-19 vaccines.

In South Sudan, a Thai army doctor was alleged to have injected 273 soldiers of the United Nations peacekeeping troops with falsified vaccines (report ID 962520). The doctor sold the shots as flu vaccines that could protect against COVID-19 as well and sold them for 20 USD per dose.

In India a woman allegedly injected falsified COVID-19 vaccine and stole the victims jewellery (report ID 973480). Instead of a genuine vaccine, the woman allegedly injected a sedative to her family members.

In Colombia, a nurse pretended to inoculate an older woman with the Sinovac vaccine, using an empty syringe (report ID 987387). The incident was video recorded by one of the relatives. After she was confronted with the case, the nurse admitted the syringe was empty and administered a genuine dose to the woman. The hospital issued an official statement stating it was an unintentional mistake. The event generated a scandal in Colombia.

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<sup>13</sup> Gobierno de México - Secretaría de Salud. Otorga Cofepris autorización para uso de emergencia de vacuna Sputnik V. Secretaría de Salud. Published February 2, 2021. Accessed April 9, 2021. <https://www.gob.mx/salud/prensa/046-otorga-cofepris-autorizacion-para-uso-de-emergencia-de-vacuna-sputnik-v>

<sup>14</sup> In January 2021, Cofepris (Comisión Federal para la Protección contra Riesgos Sanitarios), already reported on the illicit sales of Pfizer/BioNTech vaccines (see Table 2, report ID 892039). In February Mexican police arrested 6 people for allegedly trafficking falsified Pfizer/BioNTech COVID-19 vaccines (see Table 2, report ID 944948).

## Online sales

An article reports on ‘underground scammers’ selling falsified COVID-19 vaccines for 250 to 1,200 USD per dose (report ID 965729). Allegedly most of the sales originate from France, Germany, UK and the USA and offers are initially made through messaging apps (such as Wickr and Telegram) followed by a payment request in cryptocurrency. The article highlights what we have underscored previously: “*it’s impossible to tell how many doses of the vaccine being advertised online are actual doses and how many advertisements are a scam*”. In Malaysia two police reports of COVID-19 vaccines sales through social media have been investigated by the Commercial Crime Investigation Department (report ID: 966743).

Companies involved in cybersecurity reported on developments on the dark web. DomainTools, a cyberthreat intelligence data company, is scanning the Internet daily (report ID 973480). They saw up to 200 different advertisements for COVID-19 vaccines on the dark web. The number of advertisements is growing, as INTERPOL<sup>15</sup> had warned in the beginning of December, and DomainTools anticipates a further growth of the ‘vaccine marketplace’. Another article reports on information from Check Point Software, a cybersecurity firm, on COVID-19 vaccines for sale for up to 1,000 USD for one dose with several brands available, including those manufactured by Oxford-AstraZeneca and Johnson&Johnson (report ID 989053).

## Miscellaneous

In Pakistan, 900 COVID-19 vaccine doses were lost or degraded in two hospitals (report ID 1001109). In one hospital, 350 doses were stored at inappropriate freezing temperature. An inquiry has started to examine the vaccines and to establish the responsibility for the poor storage practices. In another hospital, 550 doses disappeared from the stock. Allegedly, the former medical superintendent of the hospital was linked to the case, vaccinating friends and “*influential personalities in ruling and government circles*” without sharing the vaccination records. The government will conduct an audit.

Fosun Pharma, the Chinese pharmaceutical company responsible for the Pfizer/BioNTech COVID-19 vaccine distribution in China, communicated on a problem with “*defective caps*” for one lot (report ID 1021092). Awaiting further investigation, the use of the vaccine was suspended in Hong Kong and Macau.

On the 31<sup>st</sup> of March it was first reported that a batch of Johnson & Johnson’s (J&J) COVID-19 vaccine did not pass the quality checks (report ID 1000915). When the article was published it was not yet known how many doses were affected but it was thought to be up to 15 million doses. The problems arose at the manufacturing site in Baltimore (USA) of Emergent BioSolutions, a subcontractor producing both the J&J and Oxford-AstraZeneca COVID-19 vaccine. Allegedly, in late February, there was a mix-up between vectors of both vaccines.

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<sup>15</sup> Interpol. INTERPOL warns of organized crime threat to COVID-19 vaccines. News. Published December 2, 2020. Accessed December 8, 2020. <https://www.interpol.int/News-and-Events/News/2020/INTERPOL-warns-of-organized-crime-threat-to-COVID-19-vaccines>

## 6.4 COVID-19 diagnostics

For the month of March we only report on 2 articles highlighting SF issues with COVID-19 diagnostics. In India, a COVID-19 antigen kit has been withdrawn from the market (report ID 962427). In Odisha state, 25 students at Veer Surendra Sai University of Technology tested positive using the antigen kit, but confirmatory tests with RT-PCR were all negative. In Mexico, 5,000 falsified COVID-19 test kits coming from China were seized (report ID 997593). Cofepris communicated that in recent months several seizures of COVID-19 tests took place.

## 6.5 Personal protective equipment

### Falsified gloves

In Malaysia, authorities raided an unregistered factory in a district in Bandar Baru Bangi, Selangor and seized nearly 87,000 falsified medical examination gloves packed in boxes and additional gloves in unlabelled packs (report ID 883298). During the raid a washing machine and cleaning solutions such as bleach, tyre polish and liquid blue were found. The gloves were from unknown origin but might be non-conforming rejected products from other manufactures. The authorities believe the gloves were washed and repacked for sale.

An article reports on several incidents linked to the Vietnam based 'SAM' company (Super Antibacterial Mask Medical Material Production Joint Stock Company; report ID 994816). The company allegedly pretends to be a factory whereas it does not have manufacturing facilities and several companies experienced fraud when ordering from SAM: some orders were paid but never delivered, for others SAM shipped used vinyl gloves instead of new medical-grade nitrile gloves. Allegedly the company was already active in December 2019 and in May 2020 the Vietnamese media covered a story on 'SAM Factory' importing used gloves from China. The article also reports on a company in the USA, HorizonMax, that ordered gloves from SAM in May 2020. When HorizonMax finally received a shipment in August 2020, it only contained a part of the initial order and contained 1,589 "used vinyl gloves". A Europe based company, Consiliari Partners LTD, also reported having received falsified, used vinyl gloves. Both companies have submitted criminal complaints against SAM.

### Falsified masks

Two articles report on seizures in the USA by the Customs and Border Protection (CBP). In Texas they seized 1,000 unauthorized masks which were unlabelled (report ID 961443). At O'Hare International Airport in Chicago, 136 boxes containing over 65,000 falsified 3M N95 masks were seized (report ID 967494). The shipment came in from Colombia and was destined for a company in Virginia. The labelling contained grammatical errors and the masks had a unfamiliar smell.

In Taiwan, the Tainan-based company Formosa Energy Carbon Co. Ltd. (TWEC) is one of the official mask manufacturers designated by the Taiwanese government. An article reported that allegedly over 1.4 million falsified TWEC masks have been sold (report ID 984242). The owner of TWEC was allegedly involved in the production of the masks in an underground factory. The illegally produced masks were packed in the same blue boxes and labelled as the genuine medical-grade face masks. In

March, fifteen people were prosecuted as they were linked to the production and sale of the falsified masks.

In mid-March, an article reported on information from Health Canada on seizures of falsified 3M N95 masks (report ID 985737). Since mid-February 2021, nearly 330,000 falsified 3M N95 masks were seized from Canadian distributors and almost 365,000 masks were seized at Canadian borders.

#### Substandard masks

Health Canada has warned about a model of masks that might cause “*early pulmonary toxicity*” due to the presence of graphene (report ID 1013204). The SNN200642 masks were made in China and distributed by Métallifer. The masks were distributed in schools and day-cares in Quebec.

After receiving a complaint, the Kenyan Bureau of Standards (KEBS) seized 211 boxes of substandard disposable masks of the brand ‘Promo Kings’. The authorisation for the masks was suspended because they failed to comply with the required standards (report ID 1000266).

## 6.6 Sanitisers and disinfectants

In the USA, the company CAMA Wellness Center/IodoRio was selling online an unauthorised hand wipe product (report ID 972321). The US FDA sent a warning letter in which they requested to stop the sale of this unapproved and misbranded product for which the online offer suggests is active against COVID-19.

In Kenya, the Kenyan Bureau of Standards (KEBS) seized sanitisers and disinfectants manufactured by Oracle Chemical Ltd (report ID 1000266). The seizure followed a complaint and included several other products such as masks, detergents and shampoos.

All further discussed SF hand sanitisers incidences were reported in the United States. CBP officers seized 2,200 falsified sanitisers in Texas (report ID 961443). Durisan launched a recall for its hand sanitiser (report ID 992840). During a routine audit the product appeared to have microbial contamination with *Burkholderia cepacia* and *Ralstonia pickettii*.

Valisure, an online pharmacy, performed analysis to test the quality and consistency of hand sanitisers from 168 brands, including 260 bottles (report ID 991177). The results revealed that several products were contaminated with high levels of methanol and/or benzene, a carcinogenic agent. Seventeen percent of the samples held detectable levels of benzene of which most of them were made in China or the USA. Since the pandemic, to overcome supply issues, the US FDA introduced temporary limits for the presence of benzene, which might be used during the manufacturing process of alcohol purification. However 21 bottles trespassed these temporary (high) limits. Valisure warns of the potential risk to public health.

The US FDA published warning letters sent in February and March to 7 different Mexican companies concerning the quality of their hand sanitisers. The goods were detained and refused admission at the US border because they were adulterated and not approved by the US FDA.

For 3 companies the hand sanitisers were wrongly labelled to contain 75% v/v

ethanol: For the products of 'Marco Antonio Rodriguez Fierro' (report ID 972573) and 'Distribuidora Lagunera' (report ID 998719) only 31% and 28% v/v ethanol, respectively, were detected. For the product of 'Inovaker Lab', no ethanol (0%) was detected at all (report ID 962771).

For 4 companies the hand sanitisers were wrongly labelled to contain 70%v/v ethanol, but the ethanol was substituted wholly or in part with methanol. This was the case for 'Asesores en Mantenimiento Hidraulico e Industrial' with an average of 0.07% ethanol and 66% methanol v/v (report ID 962773), for 'Plasticos Las Palmas' with an average of 0.84% ethanol and 54% methanol v/v (report ID 972570), for 'Albek de Mexico' for which the batches contained on average 37 to 55% v/v ethanol and 10 to 29% v/v methanol (report ID 980925), and for 'Yara Elena De La Garza Perez Nieto' (report ID 962772).

## 6.7 COVID-19 medicines

In this section we share details of articles captured by the MQM Globe that contain the same active pharmaceutical ingredient as medicines that are approved, trialled or used by patients in the context of COVID-19. We included all those types of products even if for certain treatments the efficacy is not proven in the prevention or treatment of COVID-19.

In the Czech Republic, authorities identified vitamin B capsules produced by the Slovakian company ProFivit s.r.o. containing a high concentration of amygdalin (report ID 987988). The human body can metabolise amygdalin into toxic cyanides. Czech authorities ordered withdrawal of the product from the market.

The US FDA published warning letters sent to SafaLab Inc and Mercola.com LLC. Both companies sell on their websites products that are misbranded and unapproved for their use in the prevention or treatment of COVID-19. SafaLab Inc offers 'Coronavirus Prevention 12 Pak', consisting of a mix of 12 products mainly vitamins and other supplements (report ID 965842). Mercola.com LLC offers a variety of products for sale including vitamin C and vitamin D, adding false claims such as "*Vitamins C and D are finally being adopted in the conventional treatment of novel coronavirus, SARS-CoV2*" (report ID 966343).

Two articles reported on a number of recalls announced by the US FDA. The first article referred to spironolactone and imatinib (report ID 975669). Four lots of spironolactone of 'Bryant Ranch Prepack' were recalled due to a mix up between the 50mg tablets and the 25mg tablets. Another recall included 100mg Imatinib of Dr. Reddy, since the packaging was not considered child-proof and thus was a potential risk. The second article contained multiple products produced by Indian companies and recalled from the US for various reasons (report ID 978339): (i) , Dr Reddy's Laboratories recalled 10,440 bottles of 90 tablets and 2,24,710 bottles of 500 tablets of atorvastatin due to "*failed impurities/degradation specifications*". (ii) Dr Reddy's Laboratories recalled 16,449 bottles of progesterone capsules 200mg for "*failed dissolution specifications*". (iii) Aurobindo Pharma, recalled 1,296 bottles of famotidine tablets 40mg. The bottles of famotidine 40mg erroneously contained a mixture of famotidine 20mg and ibuprofen 400mg tablets. (iv) Jubilant Cadista Pharmaceuticals recalled 6,35,400 boxes of methylprednisolone tablets for reasons of "*illegible label*" of the blister card.

## Annexes

### Annex A: Methodology changes for searches in the lay literature.

In section 6 'Lay literature', we report on incidents that were reported in the lay press. In section 6.1 we briefly describe the methodology we apply to collect the lay press articles. Changes in methodology since the first 'Medical Product Quality Report – Covid-19 issues' are listed below.<sup>16</sup>

#### Since the October 2020 issue

- Personal protective equipment (PPE), and sanitisers and disinfectants: alerts from January to September 2020 in the PPE category included sanitisers and disinfectants. From October 2020 onwards, we created two distinct categories: sanitizers/disinfectants and other PPE.
- Key terms used to generate the Globe-reports: key terms applied to search the Globe database to compile the Globe-reports were revised in October & November 2020. Therefore caution is required when interpreting the number of alerts or articles over time.

#### Since the November 2020 issue

- COVID-19 medicines: Non-COVID-19 medicines, containing hidden API(s) that are used or trialled for COVID-19 are no longer included in the COVID-19 reports (e.g. hidden sildenafil in sexual enhancement supplements). Only medicines for which the stated API is used or trialled for COVID-19 are included in the COVID-19 report (e.g. falsified 'Viagra'). The observed decrease of the number of articles/alerts over time may at least partially be due to this change.

#### Since the January 2021 issue

- COVID-19 vaccines:
  - Search terms used for Google News scraping: It is highly likely that diverted vaccines will not be stored appropriately and their use is likely to result in people being unprotected when they think they are. To ensure that the system includes articles that are related to diversion and theft of COVID-19 vaccines from legitimate supply chains, we adapted the search terms for Google News searches linked to COVID-19 vaccines.
  - Inclusion of reports: scams and fraudulent claims are included in the report if involving the direct offer of a COVID-19 vaccine. For all the other product categories, our reporting policy remains the same, and we do not aim to include discussion of fraudulent claims of efficacy.
- Ventilation equipment: We include incidents related to ventilation equipment in the overall article count. In the first Medical Product Quality Report, we reported on two incidents with ventilators (one in May and one in June 2020) but they were not included into the overall count in subsequent reports. From the January 2021 issue onwards the figures for ventilation equipment are included, including those incidents in May and June 2020).

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<sup>16</sup>Infectious Diseases Data Observatory. Medical Product Quality Reports. Medical Product Quality Reports. Published 2020. Accessed March 2, 2021. <https://www.iddo.org/mq/research/medical-product-quality-reports>

## **Annex B: Medicine Quality Monitoring Globe reports containing report IDs**

Annex B contains the reports generated by the Medicine Quality Monitoring Globe (MQM Globe) using pre-defined search terms for each of the product categories. The report IDs (six digit code) discussed in section 6 ‘Lay literature’ are detailed in the MQM Globe reports in this annex or they are available on the online MQM Globe<sup>17</sup>, introducing “reportID:XXXXXX” in the search box.

### **Annex B.1. Vaccines**

### **Annex B.2. COVID-19 diagnostics**

### **Annex B.3. Personal protective equipment**

### **Annex B.4 Sanitisers and disinfectants**

### **Annex B.5 COVID-19 medicines**

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<sup>17</sup>Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe. Web Page. Published 2020. Accessed March 2, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe>

## **Annex B**

### **1. Vaccines**

# Medicine Quality Monitoring Globe

April 30, 2021



This is a summary of the information available in the Medicine Quality Monitoring Globe for the search terms selected between the dates selected. For more information on the terminology used, caveats and the work of the medicine quality group please see the information at: <https://www.iddo.org/medicine-quality>

Non-Curated reports are those that have been automatically flagged as relevant by the system but have not been manually curated by the curators.

We would be grateful for any feedback on this summary and for the details of any reports that we may have missed.

## Filters applied for this report

**Search** ("vaccine" OR "Sputnik V" OR "CoronaVac" OR "Ad5-nCoV") AND ("CV19" OR "新冠病毒" OR "武汉新型冠状病毒" OR "非典" OR "SARS" OR "CoV-2" OR "ví rus corona" OR "武汉肺炎" OR "COVID-19" OR "COVID" OR "新冠疫情" OR "新型冠状病毒肺炎" OR "SARS-CoV-2" OR "CV" OR "Coronavirus" OR "CV-19" OR "SRAS" OR "新型冠状病毒" OR "新冠")

<b>Start date</b>	2021-03-01
<b>End date</b>	2021-03-31
<b>Language</b>	en
<b>Report type</b>	incident
<b>Curation status</b>	validated
<b>Number of Reports</b>	21

# 1 Mexico authorities seize fake batch of Russian Sputnik V vaccine: RDIF

Publication date	2021-03-18
Create date	2021-03-18
Score	27.82
Report id	984176
Category	Vaccine
Quality	Falsified
Source	Airport
Curation	Manually curated
Incident or General	Incident

Snippet: Mexico authorities seize fake batch of Russian Sputnik V vaccine: RDIF Reuters

Click here to see the [Original Article](#)

Table 1: Places for report 984176

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Campeche International Airport	19.81679	-90.50031
Americas	Mexico	Campeche	18.83333	-90.25

Table 2: Drugs for report 984176

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 3: Other Stories

ID	Title	Link
984192	Mexico authorities seize fake batch of Russian Sputnik V vaccine - RDIF	<a href="#">Link</a>
984198	RDIF thanks Mexico for seizing illegal shipment of fake Sputnik V vaccine	<a href="#">Link</a>
984264	Fake Sputnik V vaccine batch captured in Mexico	<a href="#">Link</a>
984313	Mexican army seizes 'counterfeit' shipment of Sputnik V as developers of Russian Covid-19 vaccine warn of efforts to discredit jab	<a href="#">Link</a>

Table 3: Other Stories(continued)

ID	Title	Link
984318	Falsified Sputnik COVID vaccine batch seized in Mexico	<a href="#">Link</a>
984329	Mexico bắt giữ lô vắc xin Sputnik V giả	<a href="#">Link</a>
984347	Mexico seizes fake Sputnik vaccine bound for Honduras	<a href="#">Link</a>
984819	Mexico thu giữ gần 6.000 liều vaccine Sputnik V giả	<a href="#">Link</a>
984851	08:35Thu giữ gần 6.000 liều vaccine Sputnik V giả	<a href="#">Link</a>
984861	COVID-19: Mexico thu giữ gần 6.000 liều vaccine Sputnik V giả	<a href="#">Link</a>
984970	Mexico seizes 'fake' Sputnik vaccines bound for Honduras	<a href="#">Link</a>
984979	Mexico thu giữ gần 6.000 liều vaccine Sputnik V giả - Báo điện tử VTV News	<a href="#">Link</a>
985000	Mexico bắt giữ lô vaccine COVID-19 Sputnik V giả	<a href="#">Link</a>
985624	Mexican authorities seize fake batch of Russian COVID-19 vaccine   TheHill	<a href="#">Link</a>
985679	Fake batch of Sputnik V vaccine seized in Mexico, Russian wealth fund says	<a href="#">Link</a>
986028	Mexico seizes fake vials of the Sputnik V COVID-19 vaccine headed to Honduras	<a href="#">Link</a>
986721	Mexico Prevents Fake Sputnik V Vaccine Distribution	<a href="#">Link</a>
986729	Mexico authorities seize fake batch of Russian Sputnik V vaccine	<a href="#">Link</a>
986734	Vaccines seized in Campeche are false: Russia – The Yucatan Times	<a href="#">Link</a>
986820	Mexico seizes 5700 doses of fake Russian Covid-19 vaccines bound for Honduras	<a href="#">Link</a>
986947	Mexico seizes fake Sputnik Covid vaccine bound for Honduras	<a href="#">Link</a>
991480	Sputnik vaccine businessman bought for employees turns out to be fake	<a href="#">Link</a>
992972	Mystery remains about Sputnik vaccines seized in Mexico	<a href="#">Link</a>
993587	Thousands Of Fake COVID-19 Vaccines Arrive In Mexico	<a href="#">Link</a>
994462	Mexican President Says 'Counterfeit or Smuggled' Sputnik V Vaccine Seized Near Border	<a href="#">Link</a>
1025527	Mexico Seizes Fake Sputnik Vaccine Bound For Honduras	<a href="#">Link</a>

Notes: Authorities in Mexico have seized a batch of fake doses of Russia's Sputnik V vaccine, the Russian Direct Investment Fund, which is responsible for exports of the COVID-19 vaccine, said on Thursday.

"Earlier today Mexican authorities seized a batch of vaccines designed and packaged as Sputnik

V,” the RDIF sovereign wealth fund said.

”Analysis of the photographs of the seized batch, including the design of containers and labels, suggests that it is a fake substance which has nothing to do with the original vaccine,” the fund said in a statement.

The first shipment of the Sputnik V vaccine - a delivery of 200,000 doses - arrived in Mexico on Feb. 23. It was approved for emergency use by Mexican regulators earlier last month.

The fake batch of 5,775 doses was seized at Campeche International Airport in Mexico, a government statement said. It had been en route by private plane to Honduras.

The bottles, whose labels featured spelling errors in Russian, were hidden among soft drink cans in an ice box, images shared by the government showed.

## 2 Kenya: Distributors 'Sneaked' Russian Vaccine Into Kenya for Sale at Sh11,000 Per Jab

<b>Publication date</b>	2021-03-24
<b>Create date</b>	2021-03-25
<b>Score</b>	23.62
<b>Report id</b>	990984
<b>Category</b>	Vaccine
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Distributor/Wholesaler
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Kenya: Distributors 'Sneaked' Russian Vaccine Into Kenya for Sale at Sh11,000 Per Jab AllAfrica.com

Click here to see the [Original Article](#)

Table 4: Places for report 990984

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Kenya	Mombasa	-4.05466	39.66359

Table 5: Drugs for report 990984

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: As the scramble for Covid-19 vaccine jab intensifies in the country due to a deadly third wave, Sputnik V, the controversial Russian vaccine has found its way in the country. The Ministry of Health (MoH) however insists it is not part of any agreement allowing distribution and sale of the Russian vaccine to Kenyans at a cost of Sh11,000 per jab. [...] "This application for distributorship is yet to be approved by PPB, a technical agreement stipulating the responsibilities of all the parties has not been submitted to PPB, the persons and entities are being summoned to appear before the Pharmacy and Poisons Board (PPB)," the communication reads in part. [...] The board added that in reviewing Sputnik V it considered all aspects of quality, safety and efficacy and found that it is wholesomely safe but MoH has not yet decided to use the vaccine as it is not included in the national vaccination program. [...] Another member of Kenya's vaccine taskforce who sought anonymity confirmed that indeed an unknown quantity

of the Russian vaccine is currently in the country. [...]

### 3 Some people turning to black market to get COVID-19 vaccine

Publication date	2021-03-09
Create date	2021-03-12
Score	16.29
Report id	973480
Category	Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Some people turning to black market to get COVID-19 vaccine AZFamily

Click here to see the [Original Article](#)

Table 6: Places for report 973480

Region Name	Country	Location	Latitude	Longitude
		Earth	0	0

Table 7: Drugs for report 973480

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: Many people have been struggling to get an appointment for the COVID-19 vaccine, and right now, it seems the supply can't keep up with the demand.

But some are actually turning to the black market to get their dose. Even as the very first COVID-19 vaccines were being shipped out across the world months ago, Interpol issued a warning that organized crime would see the great demand for these vaccines as an opportunity. Interpol warned about shipments of vaccines possibly getting stolen, and it also warned about counterfeit vaccines getting sold on the black market.

Chad Anderson works for DomainTools, a cyberthreat intelligence data company. They scan the Internet as many times as they can every day and give insights to customers based upon what they see. He says he has seen maybe 200 different ads for coronavirus vaccines on the black market. While the price varies, some "dark web" vaccines are priced at about \$400 per dose.

Anderson says expects the vaccine marketplace will continue to grow on the dark web.

## 4 Johnson & Johnson COVID-19 vaccine batch fails quality check

<b>Publication date</b>	2021-03-31
<b>Create date</b>	2021-04-05
<b>Score</b>	15.59
<b>Report id</b>	1000915
<b>Category</b>	Vaccine
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Johnson & Johnson COVID-19 vaccine batch fails quality check Alton Telegraph

Click here to see the [Original Article](#)

Table 8: Places for report 1000915

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Baltimore	39.29038	-76.61219
Americas	United States	United States	39.76	-98.5

Table 9: Drugs for report 1000915

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 10: Other Stories

ID	Title	Link
1000944	Johnson & Johnson confirmed vaccine production problems at Emergent plant in Baltimore	<a href="#">Link</a>
1001014	15M Johnson & Johnson Vaccines Tainted, Made In Baltimore: Report	<a href="#">Link</a>
1001261	15 million doses of J&J vaccine ruined by ingredient mix-up	<a href="#">Link</a>
1001653	Johnson & Johnson COVID-19 Vaccine Batch Fails Quality Check	<a href="#">Link</a>

Table 10: Other Stories(continued)

ID	Title	Link
1002133	Manufacturing mix-up could blunt supply boost from J&J vaccine	<a href="#">Link</a>
1002418	Some Johnson & Johnson Covid Vaccine Doses Delayed in U.S. by Factory Mix-Up	<a href="#">Link</a>
1002579	15 million Johnson & Johnson vaccines unusable in US after production error	<a href="#">Link</a>
1002625	FDA Probes Cause of Failed Johnson & Johnson Covid-19 Vaccine Batch	<a href="#">Link</a>
1002718	Report: 15M Doses of J&J COVID-19 Vaccine Contaminated	<a href="#">Link</a>
1003623	J+J Vaccine Faces Problems After Manufacturing Error Caused Contamination of 15 Million Doses	<a href="#">Link</a>
1004502	Emergent BioSolutions CEO Says Workers Did Not Mix AstraZeneca, J&J Vaccine Ingredients	<a href="#">Link</a>
1005366	Factory Error Contaminated 15 Million Doses Of Johnson & Johnson's Vaccine   KFI AM 640	<a href="#">Link</a>
1005558	Johnson & Johnson says it will take full control of its coronavirus vaccine production at Baltimore plant	<a href="#">Link</a>
1005934	AstraZeneca kicked out of US Covid vaccine factory after 15 million doses were contaminated	<a href="#">Link</a>
1006142	Johnson & Johnson Halts Shipment of COVID Vaccine after Factory Mistake Ruins 15 Million Doses	<a href="#">Link</a>
1006338	Johnson & Johnson takes responsibility for Baltimore vaccine mix-up	<a href="#">Link</a>
1006472	J&J Takes Over Plant After Contractor's Error Ruins 15 Million Vaccine Doses	<a href="#">Link</a>
1006543	J&J Takes Over Plant Where Contractor Ruined 15 Million Vaccine Doses	<a href="#">Link</a>
1006921	Johnson & Johnson To 'Assume Full Responsibility' Manufacturing Drug Substance For COVID Vaccine At Emergent BioSolutions	<a href="#">Link</a>
1006932	AstraZeneca kicked out of US factory over mix-up 'that ruined 15m vaccine doses'	<a href="#">Link</a>
1006948	Emergent says it has disposed of spoiled COVID-19 vaccine batch	<a href="#">Link</a>
1007166	AstraZeneca removed from US factory after 15 million Covid vaccines contaminated	<a href="#">Link</a>
1007283	What's Happening With Johnson & Johnson's Covid-19 Vaccine Rollout?	<a href="#">Link</a>
1007548	J&J to oversee vaccine production at Emergent factory that ruined doses	<a href="#">Link</a>
1007798	Mayor responds to Emergent BioSolutions issues with J&J COVID-19 vaccine	<a href="#">Link</a>

Table 10: Other Stories(continued)

ID	Title	Link
1008401	COVID-19 often starts with fever; Johnson & Johnson takes control of Baltimore vaccine plant: Coronavirus upd	<a href="#">Link</a>
1009298	U.S. Bet Big on Covid Vaccine Manufacturer Even as Problems Mounted	<a href="#">Link</a>
1009551	62 million J&J vaccine doses need to be checked for contamination: NYT	<a href="#">Link</a>
1010377	Investigations and audits find serious problems in Baltimore factory that manufactures COVID-19 vaccines	<a href="#">Link</a>
1010649	FDA probes cause of failed Johnson & Johnson COVID-19 vaccine batch	<a href="#">Link</a>
1011684	COVID-19 vaccine supply smaller after manufacturing mistake	<a href="#">Link</a>
1012090	Workers Ruin 15 Million Vaccine Doses, J&J Scrambles to Fix Mistake	<a href="#">Link</a>
1012091	Report: Baltimore facility responsible for vaccine snafu has history of flouting rules	<a href="#">Link</a>
1014140	Emergent's Baltimore plant flagged for quality control concerns last April, FDA report reveals	<a href="#">Link</a>
1027299	J&J COVID-19 vaccine manufacturing halted at U.S. plant that had contamination issue	<a href="#">Link</a>
1027621	Emergent BioSolutions pauses manufacturing COVID-19 vaccines	<a href="#">Link</a>
1027783	Emergent admits to manufacturing issues with J&J vaccine	<a href="#">Link</a>
1027820	Johnson & Johnson COVID-19 vaccine manufacturing halted at US plant that had contamination issue	<a href="#">Link</a>

Notes: A batch of Johnson & Johnson's COVID-19 vaccine failed quality standards and can't be used, the drug giant said Wednesday.

The drugmaker didn't say how many doses were lost, and it wasn't clear how the problem would impact future deliveries. A vaccine ingredient made by Emergent BioSolutions — one of about 10 companies that Johnson & Johnson is using to speed up manufacturing of its recently approved vaccine — did not meet quality standards, J&J said. [...]

## 5 Covid-19 vaccines and counterfeit vaccine cards are for sale on the dark web

<b>Publication date</b>	2021-03-23
<b>Create date</b>	2021-03-24
<b>Score</b>	14.47
<b>Report id</b>	989053
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Covid-19 vaccines and counterfeit vaccine cards are for sale on the dark web CNN

Click here to see the [Original Article](#)

Table 11: Places for report 989053

Region Name	Country	Location	Latitude	Longitude
		Earth	0	0

Table 12: Drugs for report 989053

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 13: Other Stories

ID	Title	Link
989054	Fake vaccine certificates and Covid test results are being sold on the dark web	<a href="#">Link</a>
989055	Covid-19: Vaccines and vaccine passports being sold on darknet	<a href="#">Link</a>
989246	Tuesday's papers: Tougher restrictions, dark web vaccines, forest inventory	<a href="#">Link</a>
989294	Fake Covid-19 vaccine doses, certificates on sale on darknet	<a href="#">Link</a>
989324	COVID vaccines, fake negative tests now sold on the darknet: BBC	<a href="#">Link</a>

Table 13: Other Stories(continued)

ID	Title	Link
989329	Fake Vaccination Certificates Sold on the Dark Web for \$250	<a href="#">Link</a>
989529	Fake COVID vaccination certificates available on the dark web	<a href="#">Link</a>
989620	Here's how much vaccines are selling for on the illegal market	<a href="#">Link</a>
989682	COVID-19 vaccines are selling for up to \$1,000 a dose on the illegal market	<a href="#">Link</a>
989730	Scammers are selling fake vaccine passports for \$250 on the dark web	<a href="#">Link</a>
989731	Fraudsters flog vaccines and vaccine passports on dark web	<a href="#">Link</a>
989837	COVID-19 vaccines and counterfeit vaccine cards are for sale on the dark web	<a href="#">Link</a>
990023	Cybercriminals are increasingly selling forged vaccination certificates on the darknet	<a href="#">Link</a>
990096	False Vaccine Availability Promises On The Dark Web	<a href="#">Link</a>
990983	Fake Covid-19 tests and even coronavirus 'vaccines' being sold on the Dark Web	<a href="#">Link</a>
991574	Here's how much COVID-19 vaccines sell for on the dark web	<a href="#">Link</a>
991729	Dark web ads for COVID vaccines, tests have spiked 300% in 3 months	<a href="#">Link</a>
991889	Fraudsters exploiting EU vaccine row to flog fake Covid-19 jabs on 'dark web' for bitcoin	<a href="#">Link</a>
991961	"Hộ chiếu vaccine" Covid-19 giả bán tràn lan trên web đen	<a href="#">Link</a>
992138	Here's how much COVID vaccines are selling for on the illegal market	<a href="#">Link</a>
992208	COVID dark market, fake vaccine cards, and how scammers are stealing your information	<a href="#">Link</a>
992512	Fake Covid negative reports, vaccine certificates for sale on darknet	<a href="#">Link</a>
992788	Vaccine Black Market is Flourishing. Here's How Much a Jab Costs Illegally	<a href="#">Link</a>
992910	The Dark Web Is Teeming With Vaccine Listings Right Now	<a href="#">Link</a>
993469	Covid-19 vaccines and counterfeit vaccine cards are for sale on the dark web - ABC17NEWS	<a href="#">Link</a>
993472	Fake Covid-19 test results and vaccination certificates selling on Darknet, hacking forums: Report	<a href="#">Link</a>
993473	Dark Web offers fake Covid results, vax certificates starting from Rs 1,800	<a href="#">Link</a>
993484	Illicit COVID 'Vaccines', Certificates And Fake Negative Tests Are Being Peddled On The Dark Web	<a href="#">Link</a>

Table 13: Other Stories(continued)

ID	Title	Link
993594	You can buy a coronavirus vaccine on the dark web, but please don't	<a href="#">Link</a>
993775	Since January, there's been a 300% spike in dark net ads for COVID vaccines, fake vaccine cards, and fake test	<a href="#">Link</a>
994123	Phony COVID-19 vaccine certificates are now selling on the Dark Web	<a href="#">Link</a>
994645	COVID vaccine cards: Forged vaccination certificates selling for \$200 on Darknet	<a href="#">Link</a>
995459	Fake vaccines, certificates being sold on darknet: Report	<a href="#">Link</a>
995999	A passport to freedom? Fake COVID-19 test results and vaccination certificates offered on Darknet and hacking forums	<a href="#">Link</a>
996647	The Big One: Dark Web Covid-19 Vaccines	<a href="#">Link</a>
996831	Related: COVID-19 vaccines being sold on dark web	<a href="#">Link</a>
997383	People are selling fake vaccine passports and negative coronavirus tests on the dark web	<a href="#">Link</a>
998819	Fake vaccine certificates allegedly being sold on darknet alongside stolen shots and forged test results	<a href="#">Link</a>
999473	Fake COVID reports and vaccine certificates are up for sale on darknet	<a href="#">Link</a>
1000756	Fake vaccines, certificates being sold on darknet	<a href="#">Link</a>
1004582	Fake COVID-19 vaccines, certificates pose a threat to global health	<a href="#">Link</a>
1015142	Fake Vaccines, Vaccination Cards Being Sold on Darknet	<a href="#">Link</a>
1028059	Dark web: COVID vaccines and fake vaccine passports for sale	<a href="#">Link</a>

Notes: Counterfeit vaccine cards and what are being billed as Covid-19 vaccines are now for sale on the dark web, according to a report released Tuesday.

Security researchers at cybersecurity firm Check Point Software said they've discovered listings for Covid-19 vaccines from various brands, such as AstraZeneca and Johnson & Johnson, for up to \$1,000 a dose, as well as at least 20 vaccine certificates for \$200 each. [...]

## 6 Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2

<b>Publication date</b>	2021-03-26
<b>Create date</b>	2021-03-29
<b>Score</b>	14.11
<b>Report id</b>	994973
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2 World Health Organization

Click here to see the [Original Article](#)

Table 14: Places for report 994973

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102

Table 15: Drugs for report 994973

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 16: Other Stories

ID	Title	Link
997089	Fake Pfizer COVID-19 Vaccine Found in Mexico	<a href="#">Link</a>
998725	WHO warns of fake Pfizer/BioNTech COVID vaccine in Mexico	<a href="#">Link</a>

Notes: This WHO Medical Product Alert refers to falsified COVID-19 Vaccine identified as "BNT162b2" detected in Mexico in February 2021 and recently confirmed as falsified to the WHO. The falsified product was supplied and administered to patients outside authorized vac-

ination programs.

This falsified COVID-19 Vaccine may still be in circulation in the region and may continue to be offered to patients outside authorized vaccination programs. [...]

## 7 Hong Kong, Macau suspend Pfizer COVID-19 vaccine over packaging flaw

Publication date	2021-03-24
Create date	2021-04-21
Score	14.06
Report id	1021092
Category	Vaccine
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: Hong Kong, Macau suspend Pfizer COVID-19 vaccine over packaging flaw Arab News

Click here to see the [Original Article](#)

Table 17: Places for report 1021092

Region Name	Country	Location	Latitude	Longitude
Eastern Asia	Hong Kong	Hong Kong	22.27832	114.17469
South-Eastern Asia	Macao	Macau	22.20056	113.54611

Table 18: Drugs for report 1021092

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: Hong Kong suspended the use of Pfizer/BioNTech's coronavirus vaccine on Wednesday after being informed some vials from a recent batch had "defective caps" — although authorities said none of the problematic containers were used on residents. [...] Some vials with the lot number 210102 were found to have defective caps, authorities said. [...] "The vaccines which we have found to have vial defects prior to injection were dumped. They were not used on residents," she added. [...] Hong Kong authorities said another batch of vaccines with lot number 210104 would be put to one side until the investigation is concluded. [...]

## 8 National Consumer Protection Week: FDA Is Vigilant in Protecting Consumers Against COVID-19 Vaccine Scams - 2021-03-02

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-04-08
<b>Score</b>	14.00
<b>Report id</b>	962956
<b>Category</b>	Vaccine, Other
<b>Quality</b>	Falsified
<b>Source</b>	Unlicensed outlets
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: The FDA is well-equipped to identify and thwart medical product scams while vaccine distribution is underway throughout the country.

Click here to see the [Original Article](#)

Table 19: Places for report 962956

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 20: Drugs for report 962956

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: [...] In another case, an OCI agent went undercover to arrest a fraudster who was posing as a biotech expert. The suspect in this case claimed to have created an injectable COVID-19 vaccine that he offered to inject in customers for \$400-\$1,000 each. In early March 2020, undercover OCI agents contacted the suspect through social media posts. The suspect claimed he had developed and administered vaccines for cancer and COVID-19. Around the same time, the state of Washington Attorney General issued a cease and desist letter, telling the suspect to stop making claims and offering his "vaccine" for COVID-19. Undeterred, the suspect indicated to undercover agents the warning had just increased demand for his injections, which he now called an "immunogen" instead of a vaccine. Despite entering a consent decree with the state of Washington to stop selling his purported vaccines, the suspect continued to communicate

with the undercover OCI agent and traveled to Idaho to "vaccinate" the agent, where he was arrested. [...]

Additional information: In addition to some new information, this article refers to cases that the team has previously highlighted.

1) Case of the Georgie man selling misbranded drugs advertised to treat COVID-19 ->Report ID: 814170 (Fusion Health and Vitality Issues Voluntary Nationwide Recall of Core Essential Nutrients and Immune Boost Liquid Vitamin D3 - Press Release)

2) Case of The suspect that claimed to have created an injectable COVID-19 vaccine ->Report ID 578176 (US FDA issues warning letters to two groups for selling fake COVID-19 vaccines) and report ID 904241 (Seller of fake vaccine arrested in Seattle)

## 9 Police Investigate Fake COVID-19 Vaccines Sold Online, Losses Amounting Up To RM285,499

<b>Publication date</b>	2021-03-04
<b>Create date</b>	2021-03-09
<b>Score</b>	13.92
<b>Report id</b>	966743
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Police Investigate Fake COVID-19 Vaccines Sold Online, Losses Amounting Up To RM285,499 WORLD OF BUZZ

Click here to see the [Original Article](#)

Table 21: Places for report 966743

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Malaysia	Malaysia	2.5	112.5

Table 22: Drugs for report 966743

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 23: Other Stories

ID	Title	Link
966784	Shopee says Covid-19 vaccine listing image is fake	<a href="#">Link</a>
967886	Public warned against falling for vaccine sales scams	<a href="#">Link</a>
967957	After fake Shopee ad went viral, MOH says sale of Covid-19 vaccine is not allowed	<a href="#">Link</a>

Notes: Two police reports have been lodged in regards to a rip-off involving the sale of COVID-19

vaccines online. This scam has resulted in losses amounting up to RM285,499. [...] "Police have noticed the advertisement that went viral on social media regarding the sale of the COVID-19 vaccine online and the business operator has issued a statement to deny it," he said. [...]

## 10 Galvez says gov't probing 3 firms offering fake COVID-19 vaccines

<b>Publication date</b>	2021-03-30
<b>Create date</b>	2021-04-01
<b>Score</b>	13.72
<b>Report id</b>	998393
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Distributor/Wholesaler
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Galvez says gov't probing 3 firms offering fake COVID-19 vaccines INQUIRER.net

Click here to see the [Original Article](#)

Table 24: Places for report 998393

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Philippines	Republic of the Philippines	13	122

Table 25: Drugs for report 998393

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 26: Other Stories

ID	Title	Link
1028586	Galvez says gov't probing 3 firms offering fake COVID-19 vaccines	<a href="#">Link</a>

Notes: MANILA, Philippines — The government is investigating three companies who are selling "fake" COVID-19 vaccines, National Task Force (NTF) against COVID-19 chief implementer and vaccine czar Carlito Galvez Jr. said Tuesday.

In an online Palace briefing, Galvez said the NTF is already coordinating with the National

Bureau of Investigation, National Intelligence Coordinating Agency, and the police to look into the sale of fake vaccines. [...] There are three companies we are investigating because we record check where they come from and found out that they are not authorized by the mother company of the vaccine. [...]

## 11 Woman administers fake COVID-19 vaccine to aunt, her family & escapes with gold

Publication date	2021-03-13
Create date	2021-03-15
Score	13.62
Report id	978169
Category	Vaccine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Woman administers fake COVID-19 vaccine to aunt, her family & escapes with gold  
Times Now

Click here to see the [Original Article](#)

Table 27: Places for report 978169

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Cuddalore	11.75617	79.76693

Table 28: Drugs for report 978169

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 29: Other Stories

ID	Title	Link
978759	Woman injects fake COVID-19 vaccine to family members and escapes with gold	<a href="#">Link</a>

Notes: A woman from Tamil Nadu allegedly administered sedatives in the name of the COVID-19 vaccine to her aunt and her family before robbing her jewellery. The 26-year-old woman fled with gold jewels weighing 19 sovereigns from her family members after she administered the 'fake' vaccine. [...] On Thursday, the accused visited her aunt K Rasathi, a resident of Lakkor

village near Ramanatham in Cuddalore. During this time, the accused asked Rasathi if she could administer the COVID-19 vaccine to her, her husband and two daughters.

Rasathi agreed and administered sedatives to the family in the name of the vaccine, The Times of India reported. Soon after, Rasathi, her husband Krishnamoorthy and their daughters K Krithinga and K Monika lost consciousness.

## 12 Nurse arrested for allegedly stealing COVID-19 vaccine at TCF Center in Detroit

Publication date	2021-03-16
Create date	2021-03-18
Score	13.58
Report id	981668
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Nurse arrested for allegedly stealing COVID-19 vaccine at TCF Center in Detroit WXYZ

Click here to see the [Original Article](#)

Table 30: Places for report 981668

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Detroit	42.33143	-83.04575

Table 31: Drugs for report 981668

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 32: Other Stories

ID	Title	Link
981585	Nurse arrested, allegedly caught trying to steal COVID-19 vaccines in Detroit	<a href="#">Link</a>
981860	Report: Nurse steals 2 doses of COVID-19 vaccine from TCF Center clinic	<a href="#">Link</a>
981941	Nurse practitioner tries to steal 2 doses of vaccine from TCF Center, city says	<a href="#">Link</a>
982626	Nurse arrested for trying to steal COVID vaccines	<a href="#">Link</a>
983015	Woman charged after attempted theft of vaccine in Detroit	<a href="#">Link</a>

Table 32: Other Stories(continued)

ID	Title	Link
983129	Livonia woman charged with trying to steal COVID vaccines while working as nurse	<a href="#">Link</a>
983253	Livonia woman charged with stealing 2 syringes with COVID-19 vaccine from TCF Center site	<a href="#">Link</a>
984131	Livonia woman charged with stealing COVID vaccine in Detroit	<a href="#">Link</a>
984132	Detroit Police Detain Nurse for Attempted Theft of Vaccine	<a href="#">Link</a>

Notes: Detroit Police arrested a 40-year old nurse for allegedly stealing the COVID-19 vaccine while working at the TFC Center on Monday. The case will be going to the Wayne County Prosecutor and police sources tell 7 Action News this could be two felony charges of theft of narcotics and theft inside of a building.

It is not known if she was taking the vaccine for family or friends or to sell it. [...]

## 13 Thai Army doctor sold fake Covid-19 vaccines to UN peacekeepers

Publication date	2021-03-02
Create date	2021-03-03
Score	13.16
Report id	962520
Category	Vaccine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Thai Army doctor sold fake Covid-19 vaccines to UN peacekeepers The Straits Times

Click here to see the [Original Article](#)

Table 33: Places for report 962520

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Thailand	Bangkok	13.75398	100.50144

Table 34: Drugs for report 962520

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 35: Other Stories

ID	Title	Link
962568	Thai army medic accused of injecting troops with fake Covid-19 vaccine during UN mission	<a href="#">Link</a>
962670	Army confirms news about vaccine fraud involving its doctor	<a href="#">Link</a>
963493	Thai Army doctor sold fake anti-Covid shots to UN peacekeepers, injected them with water	<a href="#">Link</a>
963683	Bangkok Military Court issues arrest warrant for medic accused of injecting troops with fake Covid-19 vaccine	<a href="#">Link</a>

Table 35: Other Stories(continued)

ID	Title	Link
973762	Thailand News Today   Dodgy vaccine doctor nabbed,Pattaya club raided for 'explicit' shows   March 3	<a href="#">Link</a>

Notes: The Thai military has confirmed that an army doctor had injected United Nations peacekeeping troops in South Sudan with water instead of vaccines.

The doctor had told the peacekeeping troops that the shots were flu vaccines that could protect against Covid-19, said military commander Chalermopol Srisawat. The medic administered the injections to 273 soldiers, charging each person US\$20 (S\$27) for the fake vaccination. A soldier became suspicious after noticing that the bottles used in the scam were unlabelled. He alerted his superiors, who found that the bottles contained plain water. [...]

## 14 Coronavirus: Ghana Health Service start dey investigate 3 health officials who 'dey sell Covid-19 vaccines'

Publication date	2021-03-22
Create date	2021-04-05
Score	13.10
Report id	988608
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Coronavirus: Ghana Health Service start dey investigate 3 health officials who 'dey sell Covid-19 vaccines' BBC News

Click here to see the [Original Article](#)

Table 36: Places for report 988608

Region Name	Country	Location	Latitude	Longitude
Western Africa	Ghana	Republic of Ghana	8.1	-1.2

Table 37: Drugs for report 988608

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 38: Other Stories

ID	Title	Link
994421	GHS can't confirm if there are fake Coronavirus vaccines in Ghana - Dr. Achiano	<a href="#">Link</a>
994769	Stolen COVID-19 Vaccines: One more suspect remanded	<a href="#">Link</a>
999749	Ghana Health Service begins inquiry into alleged theft of Covid-19 vaccines	<a href="#">Link</a>
1003594	4 accused of stealing and selling Covid-19 vaccines granted bail	<a href="#">Link</a>

Table 38: Other Stories(continued)

ID	Title	Link
1013904	3 arrested for allegedly stealing COVID-19 vaccines in Ghana	<a href="#">Link</a>
1015303	3 arrested for allegedly stealing COVID-19 vaccines in Ghana - Xinhua   English.news.cn	<a href="#">Link</a>

Notes: National Security arrest de three over allegations that dem steal vaccines den sell for profit, while de vaccines be free. Occupational Health and Safety Officer, Cosmos Allotey dey receive de stolen vaccines from one Pabitey wey another suspect, Dzisenu dey administer each shot of de vaccine to people for around \$30 dollars. Director General of de Ghana Health Service (GHS), Patrick Kumah Aboagye addressing de press on de matter talk say dem start dey work plus National Security and de health institutions to uncover de theft case. "We initiate some administrative procedure for de various leadership in those centre's to assist us plus report den also uncover other ones we no know about" Mr Kumah Aboagye talk. According to GHS dem make ready to cooperate plus de security agencies to uncover de circumstances wey lead to de theft den tins. [...]Additional information report ID: (<https://www.myjoyonline.com/4-accused-of-stealing-and-selling-covid-19-vaccines-granted-bail/>): A 37-year-old Disease Control Officer of the Greater Accra Regional Hospital, Stephen Dzisenu is said to have stolen 36 vials of COVIDSHIELD and Lord Pabitey, a Disease Control Officer of the La Bawalashie Polyclinic, also allegedly stole 26 vials of COVIDSHIELD. [...]

## 15 Decatur pharmacist fired after taking COVID-19 vaccines home to family

<b>Publication date</b>	2021-03-03
<b>Create date</b>	2021-03-26
<b>Score</b>	12.95
<b>Report id</b>	992152
<b>Category</b>	Vaccine
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Other
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Decatur pharmacist fired after taking COVID-19 vaccines home to family Chicago Tribune

Click here to see the [Original Article](#)

Table 39: Places for report 992152

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Decatur	39.84031	-88.9548

Table 40: Drugs for report 992152

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 41: Other Stories

ID	Title	Link
1002928	Report: Two pharmacists fired after one allegedly took COVID-19 vaccines home, mixed doses at DMH	<a href="#">Link</a>

Notes: Two pharmacists at Memorial Health System were fired after one of them brought COVID-19 vaccines home to family members and inappropriately mixed doses at the system's Decatur hospital in December, according to newly disclosed emails from the Illinois Department of Public Health. A pharmacist "took doses home at the end of the day and administered to

her family,” according to an email sent to federal officials Jan. 20 from Heidi Clark, chief of the Division of Infectious Diseases at the state health department. The pharmacist also ”pooled doses in the Pfizer vials to draw more vaccine beyond six doses,” at Decatur Memorial Hospital, according to the email.

Angie Muhs, a spokeswoman for Memorial Health System, confirmed in an email that one of the pharmacists diverted two doses. That pharmacist’s family members were not eligible for vaccines at that time, she said. [...]

## 16 Scammers are Selling Fake COVID-19 Vaccines for up to \$1,200

<b>Publication date</b>	2021-03-04
<b>Create date</b>	2021-03-09
<b>Score</b>	12.27
<b>Report id</b>	965729
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Scammers are Selling Fake COVID-19 Vaccines for up to \$1,200 IT News Africa

Click here to see the [Original Article](#)

Table 42: Places for report 965729

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	United Kingdom of Great Britain and Northern Ireland	54.75844	-2.69531
Americas	United States	United States	39.76	-98.5
Europe	Germany	Federal Republic of Germany	51.5	10.5
Europe	France	Republic of France	46	2

Table 43: Drugs for report 965729

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 44: Other Stories

ID	Title	Link
966396	COVID-19 vaccine doses have been sold on the dark web. Are they real?	<a href="#">Link</a>
967256	Dark Web Sells COVID-19 Vaccines with No Verification	<a href="#">Link</a>

Table 44: Other Stories(continued)

ID	Title	Link
967420	Vaccinations Pick Up Pace, But Real Doses Are Found On The Dark Web	<a href="#">Link</a>
968637	Real COVID-19 vaccine shots are being sold on the black market for up to \$1,200 a dose, a study finds	<a href="#">Link</a>
973111	COVID-19 vaccines stolen and sold on the dark web	<a href="#">Link</a>
974426	Illegal sales of coronavirus vaccines are surging online —but are the vaccines real?	<a href="#">Link</a>
974464	COVID-19 vaccines being sold on dark web	<a href="#">Link</a>
989034	Fake COVID Vaccine Certificates And Real Vaccines Are For Sale on Dark Web	<a href="#">Link</a>

Notes: Underground scammers are selling fake COVID-19 vaccines. The majority of sellers originated in France, Germany, the UK, and the USA, and the prices per dose range from \$250 to \$1,200, with an average cost of about \$500.

Scammers and buyers usually get in contact via encrypted messaging apps like Wickr and Telegram, while payments are requested in the form of cryptocurrency, primarily Bitcoin. The majority of these underground sellers have made between 100-500 transactions.

With the information available to Kaspersky experts, it's impossible to tell how many doses of the vaccine being advertised online are actual doses (many medical facilities have found themselves with leftover doses) and how many advertisements are a scam. [...]

## 17 Man charged after Covid vial stolen from Edinburgh vaccination centre

Publication date	2021-03-23
Create date	2021-03-26
Score	11.56
Report id	990549
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Man charged after Covid vial stolen from Edinburgh vaccination centre BBC News

Click here to see the [Original Article](#)

Table 45: Places for report 990549

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	Edinburgh	55.95206	-3.19648

Table 46: Drugs for report 990549

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 47: Other Stories

ID	Title	Link
992135	Covid Scotland: Man charged after theft of Covid-19 vaccine in Edinburgh   HeraldScotland	<a href="#">Link</a>
992141	Man on Covid-19 vaccine vial theft rap after incident at Edinburgh virus hub	<a href="#">Link</a>
992142	Police charge 41-year-old man following theft of Covid-19 vaccine vial	<a href="#">Link</a>
992147	Man charged in connection with theft of Covid-19 vaccine	<a href="#">Link</a>
992149	Vial of Covid-19 vaccine stolen from Edinburgh centre	<a href="#">Link</a>

Table 47: Other Stories(continued)

ID	Title	Link
992151	Edinburgh police charge man following theft of Covid-19 vaccine	<a href="#">Link</a>
996646	Covid update Scotland: Vial of vaccine stolen from Edinburgh centre	<a href="#">Link</a>
996693	Police probe COVID vaccine vial theft from Edinburgh centre	<a href="#">Link</a>
998903	Coronavirus Scotland: Covid vaccine vial stolen from Edinburgh jab centre as cops launch probe...	<a href="#">Link</a>
1002040	Vial of Covid-19 vaccine stolen from Morrison Street vaccination centre	<a href="#">Link</a>
1007707	Edinburgh police investigate Covid vaccine theft from capital's EICC centre	<a href="#">Link</a>

Notes: A man has been charged in connection with the theft of a vial of Covid-19 vaccine in Edinburgh.

Police Scotland said officers investigating the theft had charged a 41-year-old man and a report would be sent to the procurator fiscal.

The vial was taken from a vaccination centre in Morrison Street at 11:50 on Saturday.

It led to officers warning people to be vigilant to offers of the vaccine from people not authorised to administer it.

## 18 Europe Probes Attempted Vaccine Scams of More Than \$15 Billion

Publication date	2021-03-01
Create date	2021-03-02
Score	9.94
Report id	961495
Category	Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Europe Probes Attempted Vaccine Scams of More Than \$15 Billion Bloomberg

Click here to see the [Original Article](#)

Table 48: Places for report 961495

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 49: Drugs for report 961495

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 50: Other Stories

ID	Title	Link
961588	Fraudsters offer 1 billion COVID-19 doses across EU, agency warns	<a href="#">Link</a>

Notes: European Union police and anti-fraud officials are investigating billions of euros of scam Covid-19 vaccine offers that have targeted governments across the continent.

The EU anti-fraud office, OLAF, has received information from several member states about offers of shots by alleged intermediaries, according to a briefing document seen by Bloomberg. To date, the offers amount to more than 900 million doses with a total price of about 12.7 billion

euros (\$15.3 billion), the document states. [...] According to the OLAF report, governments and health authorities have been approached by criminals impersonating intermediaries representing pharmaceutical companies. The so-called intermediaries use websites and social media profiles to give the appearance of being legitimate businesses, and require payment of a deposit up front. Some 92% of the fake offers were for the AstraZeneca Plc vaccine. [...]

## 19 Corona vaccine stolen in Services, wasted in Mozang hospital

Publication date	2021-03-31
Create date	2021-04-05
Score	9.65
Report id	1001109
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Corona vaccine stolen in Services, wasted in Mozang hospital The News International

Click here to see the [Original Article](#)

Table 51: Places for report 1001109

Region Name	Country	Location	Latitude	Longitude
Southern Asia	Pakistan	Lahore	31.558	74.35071

Table 52: Drugs for report 1001109

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 53: Other Stories

ID	Title	Link
1004384	Corona vaccine stolen in Services, wasted in Mozang hospitals	<a href="#">Link</a>

Notes: Around 900 doses of corona vaccine have been misappropriated and wasted in two hospitals in Lahore.

According to details, as many as 550 COVID-19 vaccine doses have allegedly been disappeared from the stock in the Services Hospital while 350 jabs have been wasted owing to poor storage in the Mozang Hospital, a tehsil headquarters hospital.

Hospital sources say as many as 550 doses of vaccines have been missing from the official record of the Services Hospital. These doses have allegedly been administered to bigwigs, close friends and relatives during the tenure of former medical superintendent Dr Saleem Cheema in the hospital. The sources claim that these vaccines have been administered to some VIPs and bureaucrats at their residences and federal minister Tariq Bashir Cheema and his family members are probably among the beneficiaries. [...]

## 20 2 Israelis detained on suspicion of selling used COVID vaccine vials

Publication date	2021-03-03
Create date	2021-03-11
Score	9.21
Report id	975656
Category	Vaccine
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Police say investigators aware of at least 9 empty bottles sold by the suspects to overseas buyers for \$100 a pop. Police detained two Israelis Wednesday on suspicion of selling used vials of Pfizer-BioNTech's coronavirus vaccine to buyers overseas.

Click here to see the [Original Article](#)

Table 54: Places for report 975656

Region Name	Country	Location	Latitude	Longitude
Western Asia	Israel	State of Israel	31.5	34.75

Notes: Police detained two Israelis Wednesday on suspicion of selling used vials of Pfizer-BioNTech's coronavirus vaccine to buyers overseas. The two central Israel residents, aged 45 and 19, are suspected of negligent care with medication, violating the pharmacists' ordinance and stealing from an employer. Police said as part of his work, one of the suspects had access to empty vaccine vials and took some home to sell on the internet, which a relative helped him with. Each bottle could fetch \$100, according to a police statement. Investigators were aware of at least nine vials sold to buyers, seven of whom were in the United States. The other two were in France and Italy. It wasn't clear what the buyers planned to do with the empty vials, dozens of which police said were found during a search of the suspect's home. Police said the investigation was being carried out jointly with the Health Ministry.

## 21 Ten doses of COVID vaccine missing from Cornwall Regional Hospital

Publication date	2021-03-16
Create date	2021-04-05
Score	7.29
Report id	1003286
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Ten doses of COVID vaccine missing from Cornwall Regional Hospital Jamaica Gleaner

Click here to see the [Original Article](#)

Table 55: Places for report 1003286

Region Name	Country	Location	Latitude	Longitude
Americas	Jamaica	Saint James	18.38333	-77.88333

Table 56: Drugs for report 1003286

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: Regional Director of the Western Regional Health Authority Errol Greene has reported that one vial with ten doses of the COVID vaccine has disappeared from the Cornwall Regional Hospital in St James.

Greene told The Gleaner a short while ago that checks are now under way to determine if the vial was stolen or misplaced. [...]

## **Annex B**

### **2. COVID-19 diagnostics**

# Medicine Quality Monitoring Globe

April 30, 2021



This is a summary of the information available in the Medicine Quality Monitoring Globe for the search terms selected between the dates selected. For more information on the terminology used, caveats and the work of the medicine quality group please see the information at: <https://www.iddo.org/medicine-quality>

Non-Curated reports are those that have been automatically flagged as relevant by the system but have not been manually curated by the curators.

We would be grateful for any feedback on this summary and for the details of any reports that we may have missed.

## Filters applied for this report

**Search** ("thermometer")OR (("coronavirus kit" OR "RDT" OR "covid test" OR "lateral flow assay" OR "test kit" OR "LFA" OR "COVID kit" OR "Medical device for screening/diagnosis/monitoring" OR "rapid diagnostic test" OR "coronavirus test" OR "antigen test" OR "COVID-19 test" OR "test cassette" OR "In-vitro-diagnostic" OR "cassette test" OR "RT-PCR" OR "IVD" OR "testing kit" OR "qPCR" OR "antibody test" OR "COVID-19 kit" OR "PCR" OR "polymerase chain reaction" OR "ELISA") AND ("CV19" OR "新冠病毒" OR "武汉新型冠状病毒" OR "非典" OR "SARS" OR "CoV-2" OR "vi rút corona" OR "武汉肺炎" OR "COVID-19" OR "COVID" OR "新冠疫情" OR "新型冠状病毒肺炎" OR "SARS-CoV-2" OR "CV" OR "Coronavirus" OR "CV-19" OR "SRAS" OR "新型冠状病毒" OR "新冠"))

<b>Start date</b>	2021-03-01
<b>End date</b>	2021-03-31
<b>Language</b>	en
<b>Report type</b>	incident

**Curation status**

validated

**Number of Reports**

3

# 1 COVID-19 test kit glitch: Reports of 25 VSSUT students erroneous

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-03
<b>Score</b>	71.73
<b>Report id</b>	962427
<b>Category</b>	Medical device for screening/diagnosis/monitoring
<b>Quality</b>	Substandard
<b>Source</b>	Other
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: COVID-19 test kit glitch: Reports of 25 VSSUT students erroneous Sambad English

Click here to see the [Original Article](#)

Table 1: Places for report 962427

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Bhubaneswar	20.27241	85.83385

Table 2: Other Stories

ID	Title	Link
963184	VSSUT Students Not COVID Positive, Faulty Kits Responsible: Odisha ACS Health	<a href="#">Link</a>
963754	Odisha issues showcause notice to kit supplier for false Covid positive results	<a href="#">Link</a>
999441	'Faulty Kits' For Covid Test At VSSUT: OSMC Issues Show-Cause Notices To 2 Firms	<a href="#">Link</a>

Notes: [...] Mohapatra said, "Not a single student of VSSUT has tested positive for the virus. The test reports which had come out earlier were false as the antigen kits were faulty. When the same students underwent RT-PCR test, their reports came negative." The test kits will be withdrawn and the Health Department will verify the same. Besides, the district administration is also likely to withdraw the precautionary measures, including declaration of containment zone, informs sources.

## 2 Fake COVID test kits seized in Mexicali

<b>Publication date</b>	2021-03-29
<b>Create date</b>	2021-04-01
<b>Score</b>	54.65
<b>Report id</b>	997593
<b>Category</b>	Medical device for screening/diagnosis/monitoring
<b>Quality</b>	Falsified
<b>Source</b>	Not applicable
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Fake COVID test kits seized in Mexicali KYMA

Click here to see the [Original Article](#)

Table 3: Places for report 997593

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexicali	32.62781	-115.45446

Notes: Transportation Security Administration officials seized more than 5,000 fake COVID-19 testing kits over the weekend.

TSA officials and the National Guard turned over the fake tests to the State Commission for Protection against Sanitary Risks (COEPRIS).

The tests were from China and were packaged in a cardboard box, ready to be sold in the city. COEPRIS official Marco Aurelio G3mez said that there had been several seizures of covid tests that are illegally introduced in recent months, as well as medicines that are not regulated.

### 3 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US

<b>Publication date</b>	2021-03-01
<b>Create date</b>	2021-03-02
<b>Score</b>	28.82
<b>Report id</b>	961443
<b>Category</b>	Antiseptic, Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US KVIA El Paso

Click here to see the [Original Article](#)

Table 4: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	<a href="#">Link</a>

Notes: A year into the pandemic, counterfeit COVID-19 products are still coming into the United States. Customs and Border Protection officers are offering tips for consumers to stay safe. Shipments of counterfeit Covid-19 products surged at the start of the pandemic. In one seizure in April, CBP officers seized more than 2,200 unlabeled counterfeit sanitizer products and 1,000 unlabeled and unmarked masks at the Bridge of the Americas. Officers say the surge has slowed down, but counterfeit products are still out there. Officers have seized counterfeit masks, sanitizer products, bleach and thermometers. The products might provide a false sense of security too. While some disinfectant products might contain 97% alcohol content, counterfeit versions may only contain 7%, according to Chief CBP Officer Adriana Carranza. [...]

## **Annex B**

### **3. Personal protective equipment**

# Medicine Quality Monitoring Globe

April 30, 2021



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We would be grateful for any feedback on this summary and for the details of any reports that we may have missed.

## Filters applied for this report

**Search** ("Personal protective equipment" OR "PPE" OR "protective glasses" OR "apron" OR "n95" OR "gowns" OR "facemask" OR "Medical devices for disease prevention" OR "visor" OR "gloves" OR "goggles" OR "respirator" OR "KN95" OR "mask") OR ((Medical devices for disease prevention) AND ("CV19" OR "新冠病毒" OR "武汉新型冠状病毒" OR "非典" OR "SARS" OR "CoV-2" OR "vi rú t corona" OR "武汉肺炎" OR "COVID-19" OR "COVID" OR "新冠疫情" OR "新型冠状病毒肺炎" OR "SARS-CoV-2" OR "CV" OR "Coronavirus" OR "CV-19" OR "SRAS" OR "新型冠状病毒" OR "新冠"))

<b>Start date</b>	2021-03-01
<b>End date</b>	2021-03-31
<b>Language</b>	en
<b>Report type</b>	incident
<b>Curation status</b>	validated



# 1 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US

<b>Publication date</b>	2021-03-01
<b>Create date</b>	2021-03-02
<b>Score</b>	30.21
<b>Report id</b>	961443
<b>Category</b>	Antiseptic, Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US KVIA El Paso

Click here to see the [Original Article](#)

Table 1: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	<a href="#">Link</a>

Notes: A year into the pandemic, counterfeit COVID-19 products are still coming into the United States. Customs and Border Protection officers are offering tips for consumers to stay safe. Shipments of counterfeit Covid-19 products surged at the start of the pandemic. In one seizure in April, CBP officers seized more than 2,200 unlabeled counterfeit sanitizer products and 1,000 unlabeled and unmarked masks at the Bridge of the Americas. Officers say the surge has slowed down, but counterfeit products are still out there. Officers have seized counterfeit masks, sanitizer products, bleach and thermometers. The products might provide a false sense of security too. While some disinfectant products might contain 97% alcohol content, counterfeit versions may only contain 7%, according to Chief CBP Officer Adriana Carranza. [...]

## 2 15 indicted for alleged production, sale of counterfeit masks

<b>Publication date</b>	2021-03-18
<b>Create date</b>	2021-03-19
<b>Score</b>	28.38
<b>Report id</b>	984242
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Clandestine laboratory
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: 15 indicted for alleged production, sale of counterfeit masks Focus Taiwan News Channel

Click here to see the [Original Article](#)

Table 2: Places for report 984242

Region Name	Country	Location	Latitude	Longitude
Eastern Asia	Taiwan	Tainan	22.99083	120.21333

Notes: Fifteen people connected to two companies were indicted Thursday in Tainan for alleged collusion in the production and sale of face masks labeled as made by a domestic manufacturer requisitioned by the government to produce masks in the wake of the COVID-19 pandemic. About 1.413 million masks falsely labeled as having been produced by Tainan-based Formosa Energy Carbon Co., Ltd., Taiwan (TWEC) have been sold, with approximately NT\$19.17 million (US\$674,829) in illegal gains reaped in the process, Tainan District Prosecutors Office said Thursday. [...] The face masks produced by the underground plant were placed in the same blue boxes used by TWEC to boost sales. [...]

### 3 Advisory - Counterfeit 3M N95 respirators

Publication date	2021-03-19
Create date	2021-03-22
Score	23.68
Report id	985737
Category	Medical devices for disease prevention
Quality	Falsified
Source	Land point of entry
Curation	Manually curated
Incident or General	Incident

Snippet: Advisory - Counterfeit 3M N95 respirators Canada NewsWire

Click here to see the [Original Article](#)

Table 3: Places for report 985737

Region Name	Country	Location	Latitude	Longitude
Americas	Canada	Canada	60.10867	-113.64258

Table 4: Other Stories

ID	Title	Link
985781	Health Canada warns of more fake 3M Masks	<a href="#">Link</a>
986293	Santé Canada met en garde contre des respirateurs N95 de 3M contrefaits	<a href="#">Link</a>
986572	Health Canada issues advisory over counterfeit 3M N95 respirators   News	<a href="#">Link</a>
986593	Health Canada issues advisory over fake N95 masks flooding the market – Surrey Now-Leader	<a href="#">Link</a>
986595	Health Canada issues advisory over fake N95 masks flooding the market – Peace Arch News	<a href="#">Link</a>
986687	Coronavirus: Health Canada issues warning after counterfeit N95 masks seized at border	<a href="#">Link</a>
986765	Health Canada issues advisory over counterfeit 3M N95 respirators – Aldergrove Star	<a href="#">Link</a>
988395	Health Canada issues advisory over fake N95 masks flooding the market – Terrace Standard	<a href="#">Link</a>

Table 4: Other Stories(continued)

ID	Title	Link
1001815	Health Canada issues advisory over fake N95 masks flooding the market – Parksville Qualicum Beach News	<a href="#">Link</a>
1001967	Health Canada issues advisory over fake N95 masks flooding the market – Vancouver Island Free Daily	<a href="#">Link</a>
1005708	Health Canada issues advisory over fake N95 masks flooding the market – Keremeos Review	<a href="#">Link</a>

Notes: Health Canada is warning Canadians about counterfeit 3M N95 respirators in light of recent seizures of counterfeit products in Canada and at the border. [...] Counterfeit health products are imitations of legitimate products. They lack any assurance of safety, quality and efficacy. It is illegal to sell or advertise counterfeit health products. The Department takes this issue seriously and will use all available tools to stop these activities, including product seizures and stopping products from entering Canada at the border. Since mid-February 2021, the Department has seized close to 330,000 counterfeit 3M-branded N95 respirators from Canadian distributors and detained nearly 365,000 at the border. [...]

## 4 Vietnamese PPE Scams – Used Gloves and Condoms By Corporate Wellness Magazine

<b>Publication date</b>	2021-03-26
<b>Create date</b>	2021-03-29
<b>Score</b>	22.27
<b>Report id</b>	994816
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Substandard
<b>Source</b>	Distributor/Wholesaler
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Vietnamese PPE Scams – Used Gloves and Condoms By Corporate Wellness Magazine  
Corporate Wellness Magazine

Click here to see the [Original Article](#)

Table 5: Places for report 994816

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Viet Nam	Socialist Republic of Vietnam	16.16667	107.83333

Notes: [...] Sudheer George of HORIZON MAX GENERAL TRADING LLC said, "We issued a PO to SAM and made full payment to supply 7000 cartons of Vinyl Glove brand nitrile gloves to our client in US – Albertsons (A Large US Supermarket Chain) last May 2020. SAM did not deliver the gloves on time, and after continuous and persistent follow-up, they finally shipped the consignment of 1589 CNs in August 2020. The Bill of Lading and packing list mentioned 3000 CNs of nitrile gloves, but it was full of "used vinyl gloves and condoms." [...] We signed a contract with SAM Gloves for delivery of SAM Glove Nitrile Examination Gloves. They issued SGS, which is also being disputed right now. Although at that time, it gave us some hope and made us deposit with them the value of 1x40 ft container for trail purposes. They then shipped fake products to us. Unfortunately, the container that arrived in Europe had nothing to do with SAM Gloves and was loaded 1/3 with empty boxes of used vinyl gloves (a brand that is commonly copied in that region). The container seal was untouched, so definitely it was SAM Gloves that was the supplier and loader of this container." [...]

## 5 SafaLab, Inc. - 611233 - 02/18/2021 - 2021-03-04

<b>Publication date</b>	2021-03-04
<b>Create date</b>	2021-03-08
<b>Score</b>	20.44
<b>Report id</b>	965842
<b>Category</b>	Other
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Unapproved and Misbranded Products Related to Coronavirus Disease 2019 (COVID-19)

Click here to see the [Original Article](#)

Table 6: Places for report 965842

Region Name	Country	Location	Latitude	Longitude
Americas	United States	City of Langley	48.03366	-122.40806
Americas	United States	Washington	47.50012	-120.50147

Notes: [...] Some examples of the claims on your websites that establish the intended use of The Prevention 12 Pak and misleadingly represent it as safe and/or effective for the treatment or prevention of COVID-19 include:

On your website [www.safalab.com/product/the-prevention-12-pak](http://www.safalab.com/product/the-prevention-12-pak):

"The Prevention 12 PAK – We are all worried about the spread of the Coronavirus (COVID-19) which kills vulnerable people by Acute Respiratory Distress Syndrome (ARDS). The WHO and FDA claim that there is no cure and no prevention. Integrative medical doctors and their informed patients disagree. Here is the essential 12 Pak to buy for each of your family members and loved ones. To learn the scientific and clinical rationale for each of these essential parts of the Prevention 12 Pak, click [HERE](#) to read this article by Bradford S. Weeks, M.D." [...]

## 6 Over 65K Counterfeit 3M Masks Seized in Chicago

<b>Publication date</b>	2021-03-05
<b>Create date</b>	2021-03-09
<b>Score</b>	19.07
<b>Report id</b>	967494
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Airport
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Over 65K Counterfeit 3M Masks Seized in Chicago Customs and Border Protection

Click here to see the [Original Article](#)

Table 7: Places for report 967494

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Chicago	41.85003	-87.65005

Table 8: Other Stories

ID	Title	Link
967559	Boxes with more than 65K counterfeit N95 masks intercepted at O'Hare by border protection officers	<a href="#">Link</a>
967560	65,000 counterfeit N95 masks seized at O'Hare Airport	<a href="#">Link</a>
967610	65K counterfeit N95 masks seized at O'Hare Airport	<a href="#">Link</a>
967902	Feds seize 65K counterfeit N95 masks at O'Hare International Airport	<a href="#">Link</a>
968373	More than 65k counterfeit N95 masks seized at O'Hare	<a href="#">Link</a>
968598	US seizes over 65,000 fake N95 masks arriving from Colombia - Customs Agency - Goa Chronicle	<a href="#">Link</a>
968605	65000 Fake N95 Masks Worth \$400K Seized At O'Hare Airport	<a href="#">Link</a>
968606	Customs Confiscates 65,000 Fake N95 Masks At OHare Airport	<a href="#">Link</a>
968613	More Than 65,000 Counterfeit N95 Masks Seized At O'Hare International Airport	<a href="#">Link</a>
968943	US Seizes Over 65,000 Fake N95 Masks Arriving From Colombia - Customs Agency	<a href="#">Link</a>

Table 8: Other Stories(continued)

ID	Title	Link
972619	CBP details Chicago airport counterfeit mask seizure	<a href="#">Link</a>
1001968	Customs Officers Seize More Than 65,000 Fake N95 Masks At O'Hare Airport	<a href="#">Link</a>

Notes: U.S. Customs and Border Protection (CBP) officers remain vigilant and are focused on the health and safety of consumers during the pandemic. Officers assigned to the International Mail Facility (IMF) at O'Hare International Airport recently seized 136 boxes containing suspicious 3M N95 type masks with a 3M trademark. On March 1, CBP officers assigned to the Port of Chicago seized parcels that were arriving from Colombia. Officers inspected the shipment to determine the admissibility of the parcels and its contents. The officers noticed an unfamiliar chemical smell coming from the masks and grammatical errors on the 3M packaging. CBP Import Specialists determined the shipment of 3M masks infringes upon the 3M trademark and National Institute for Occupational Safety and Health NIOSH trademark. CBP seized 65,280 3M N95 masks. If the masks had been real, and because of supply and demand, the masks would have had a Domestic Value of over \$401,000. All the masks were destined for a company in Virginia. [...]

## 7 CAMA Wellness Center/IodoRios Company, LLC - 613185 - 03/05/2021 - 2021-03-09

<b>Publication date</b>	2021-03-09
<b>Create date</b>	2021-03-11
<b>Score</b>	17.77
<b>Report id</b>	972321
<b>Category</b>	Antiviral others
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Unapproved and Misbranded Products Related to Coronavirus Disease 2019 (COVID-19)

Click here to see the [Original Article](#)

Table 9: Places for report 972321

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 10: Other Stories

ID	Title	Link
974207	FDA Flags Wipe Seller For COVID-19 Claims	<a href="#">Link</a>

Notes: [...] Some examples of the claims on your websites and/or labeling that establish the intended use of your product and misleadingly represent it as safe and/or effective for the treatment or prevention of COVID-19 include:

On a package insert that accompanies your product, under "WHEN SHOULD I REPLACE MY WIPE": "However due to COVID-19 being a readily communicable disease, to be safe, we'd like you to replace it when it starts to fade from jet black or have any discoloration. This would be a sign that its iodine, the active ingredient, is beginning to be depleted (and why we say "You can see it working!"). We are recommending this more conservative measure for the time being, while we pursue COVID-19 specific testing. Bear in mind that COVID-19 is an extremely easy virus to destroy outside the body, and the wipe has been tested on much tougher bugs." [...]

## 8 Make and intended use for tainted gloves under probe

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-04
<b>Score</b>	16.40
<b>Report id</b>	963306
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Substandard or Falsified
<b>Source</b>	Clandestine laboratory
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Make and intended use for tainted gloves under probe The Star Online

Click here to see the [Original Article](#)

Table 11: Places for report 963306

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Malaysia	Bandar Baru Bangi	2.9451	101.7735

Notes: RUBBER gloves were strewn on the floor and some were on sorting tables.

Beside the gloves, there were washing machines and cleaning solutions like bleach, tyre polish and liquid blue. Many of the gloves that looked washed still had unidentified stains and scribbling on them, and were being handled under unhygienic conditions.

There was also no clear indication of segregation between the ones that had been washed and those piled up for washing.

Storage-wise, some gloves were packed in sacks on open-air racks at a parking area.

Those packed in boxes were devoid of protective covering, a clear indication that the products were not sterile.

This was the scene at a factory in Bandar Baru Bangi, Selangor, witnessed by members of a raiding team.

It was clear that an illegal activity of washing used gloves was taking place there.

The illegal factory has been sealed and the gloves have all been confiscated as evidence to catch the culprits. [...] The authorities believe that the gloves were being rewashed and passed off as medical examination gloves to be sold to the public, and to clinics and other medical institutions. [...] After processing, the gloves are packed in either clear plastic bags or boxes and sold at between RM18.90 and RM22.90 per pack.

A total of 86,981 pieces of the so-called medical examination gloves found packed in boxes were

confiscated during the raid.

Also confiscated were gloves in unlabelled loose packs. [...]

## 9 Potentially toxic masks distributed in schools and daycares in Quebec

<b>Publication date</b>	2021-03-26
<b>Create date</b>	2021-04-09
<b>Score</b>	14.63
<b>Report id</b>	1013204
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Potentially toxic masks distributed in schools and daycares in Quebec CBC.ca

Click here to see the [Original Article](#)

Table 12: Places for report 1013204

Region Name	Country	Location	Latitude	Longitude
Americas	Canada	Québec	46.81228	-71.21454

Notes: One model of mask distributed to Quebec schools and daycares may be dangerous for the lungs as they could contain a potentially toxic material, according to a directive sent out by the provincial government on Friday.

Radio-Canada has obtained documents showing Health Canada warned of the potential for "early pulmonary toxicity" from the SNN200642 masks which are made in China and sold and distributed by Métallifer, a Quebec-based manufacturer. [...]

## 10 KEBS nab sub-standard face masks – Nairobi News

<b>Publication date</b>	2021-03-31
<b>Create date</b>	2021-04-05
<b>Score</b>	13.82
<b>Report id</b>	1000266
<b>Category</b>	Antiseptic, Medical devices for disease prevention
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: KEBS nab sub-standard face masks – Nairobi News Nairobi News

Click here to see the [Original Article](#)

Table 13: Places for report 1000266

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Kenya	Nairobi	-1.28333	36.81667

Notes: The Kenya Bureau of Standards (KEBS) on Wednesday seized 211 boxes of Promo Kings disposable masks at Quick Mart, Ruai

According to the agency, the standard mark permit for 58 boxes with 50 pieces and 53 boxes with 25 pieces was suspended due to failures in meeting the required standards. [...] KEBS at the same time also seized 20 brands of detergents; shampoos; sanitizers and disinfectants manufactured by Oracle Chemical Ltd at Hardy Karen were also seized on Wednesday. [...]

## 11 FDA Warns Joseph Mercola Not to Market Products Making Fake Claims to Treat or Prevent COVID-19

Publication date	2021-03-04
Create date	2021-03-08
Score	12.35
Report id	966343
Category	Vitamin, Nutritional supplement
Quality	Diverted/Unregistered
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: FDA Warns Joseph Mercola Not to Market Products Making Fake Claims to Treat or Prevent COVID-19 CSPI Newsroom

Click here to see the [Original Article](#)

Table 14: Places for report 966343

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 15: Drugs for report 966343

Medicine Name	Medicine Class	Action	ATC Code
			A11
	Vitamins	i.v. solution additives	B05XC

Table 16: Other Stories

ID	Title	Link
966616	FDA Tells Osteopath To Stop Marketing Fake COVID-19 Cures	<a href="#">Link</a>
980880	FDA warns Mercola: Stop selling fake COVID remedies and cures - Alliance for Science	<a href="#">Link</a>
993762	FDA warns Joe Mercola to stop selling fake COVID remedies and cures	<a href="#">Link</a>

Notes: It is illegal to market vitamins or other dietary supplements as treatments or preventives for anything, let alone COVID-19. Yet since the start of the pandemic, some supplement makers, including televangelist Jim Bakker and osteopath Joseph Mercola, have made such claims. Alarmed by the risks to consumers such claims pose, particularly during a pandemic, in July 2020, CSPI wrote letters to the government agencies with oversight responsibility urging them to make clear that Mercola's claims are illegal and to bring enforcement proceedings. We also testified before the Senate and communicated with our members and the public about this and other COVID scams.

We are very glad that the Food and Drug Administration has publicly released a warning letter informing Mercola that he and his company are in violation of the law and must stop making these claims. The FDA found that certain Mercola dietary supplements, including "Liposomal Vitamin C," "Liposomal Vitamin D3," and "Quercetin and Pterostilbene Advanced" products, all of which were flagged in CSPI's letter, were both unapproved new drugs and misbranded drugs in violation of the Federal Food, Drug, and Cosmetic Act. Significantly, the FDA agreed with CSPI that Mercola's statements on his website and elsewhere, including in articles, established that these products "are intended to mitigate, prevent, treat, diagnose, or cure COVID-19." [...]

## 12 Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2

<b>Publication date</b>	2021-03-26
<b>Create date</b>	2021-03-29
<b>Score</b>	12.29
<b>Report id</b>	994973
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2 World Health Organization

Click here to see the [Original Article](#)

Table 17: Places for report 994973

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102

Table 18: Drugs for report 994973

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 19: Other Stories

ID	Title	Link
997089	Fake Pfizer COVID-19 Vaccine Found in Mexico	<a href="#">Link</a>
998725	WHO warns of fake Pfizer/BioNTech COVID vaccine in Mexico	<a href="#">Link</a>

Notes: This WHO Medical Product Alert refers to falsified COVID-19 Vaccine identified as "BNT162b2" detected in Mexico in February 2021 and recently confirmed as falsified to the WHO. The falsified product was supplied and administered to patients outside authorized vac-

ination programs.

This falsified COVID-19 Vaccine may still be in circulation in the region and may continue to be offered to patients outside authorized vaccination programs. [...]

### 13 COVID-19 test kit glitch: Reports of 25 VSSUT students erroneous

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-03
<b>Score</b>	12.24
<b>Report id</b>	962427
<b>Category</b>	Medical device for screening/diagnosis/monitoring
<b>Quality</b>	Substandard
<b>Source</b>	Other
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: COVID-19 test kit glitch: Reports of 25 VSSUT students erroneous Sambad English

Click here to see the [Original Article](#)

Table 20: Places for report 962427

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Bhubaneswar	20.27241	85.83385

Table 21: Other Stories

ID	Title	Link
963184	VSSUT Students Not COVID Positive, Faulty Kits Responsible: Odisha ACS Health	<a href="#">Link</a>
963754	Odisha issues showcause notice to kit supplier for false Covid positive results	<a href="#">Link</a>
999441	'Faulty Kits' For Covid Test At VSSUT: OSMC Issues Show-Cause Notices To 2 Firms	<a href="#">Link</a>

Notes: [...] Mohapatra said, "Not a single student of VSSUT has tested positive for the virus. The test reports which had come out earlier were false as the antigen kits were faulty. When the same students underwent RT-PCR test, their reports came negative." The test kits will be withdrawn and the Health Department will verify the same. Besides, the district administration is also likely to withdraw the precautionary measures, including declaration of containment zone, informs sources.

## 14 Fake COVID test kits seized in Mexicali

<b>Publication date</b>	2021-03-29
<b>Create date</b>	2021-04-01
<b>Score</b>	11.64
<b>Report id</b>	997593
<b>Category</b>	Medical device for screening/diagnosis/monitoring
<b>Quality</b>	Falsified
<b>Source</b>	Not applicable
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Fake COVID test kits seized in Mexicali KYMA

Click here to see the [Original Article](#)

Table 22: Places for report 997593

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexicali	32.62781	-115.45446

Notes: Transportation Security Administration officials seized more than 5,000 fake COVID-19 testing kits over the weekend.

TSA officials and the National Guard turned over the fake tests to the State Commission for Protection against Sanitary Risks (COEPRIS).

The tests were from China and were packaged in a cardboard box, ready to be sold in the city. COEPRIS official Marco Aurelio G3mez said that there had been several seizures of covid tests that are illegally introduced in recent months, as well as medicines that are not regulated.

## 15 Coronavirus: Ghana Health Service start dey investigate 3 health officials who 'dey sell Covid-19 vaccines'

Publication date	2021-03-22
Create date	2021-04-05
Score	11.55
Report id	988608
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Coronavirus: Ghana Health Service start dey investigate 3 health officials who 'dey sell Covid-19 vaccines' BBC News

Click here to see the [Original Article](#)

Table 23: Places for report 988608

Region Name	Country	Location	Latitude	Longitude
Western Africa	Ghana	Republic of Ghana	8.1	-1.2

Table 24: Drugs for report 988608

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 25: Other Stories

ID	Title	Link
994421	GHS can't confirm if there are fake Coronavirus vaccines in Ghana - Dr. Achiano	<a href="#">Link</a>
994769	Stolen COVID-19 Vaccines: One more suspect remanded	<a href="#">Link</a>
999749	Ghana Health Service begins inquiry into alleged theft of Covid-19 vaccines	<a href="#">Link</a>
1003594	4 accused of stealing and selling Covid-19 vaccines granted bail	<a href="#">Link</a>

Table 25: Other Stories(continued)

ID	Title	Link
1013904	3 arrested for allegedly stealing COVID-19 vaccines in Ghana	<a href="#">Link</a>
1015303	3 arrested for allegedly stealing COVID-19 vaccines in Ghana - Xinhua   English.news.cn	<a href="#">Link</a>

Notes: National Security arrest de three over allegations that dem steal vaccines den sell for profit, while de vaccines be free. Occupational Health and Safety Officer, Cosmos Allotey dey receive de stolen vaccines from one Pabitey wey another suspect, Dzisenu dey administer each shot of de vaccine to people for around \$30 dollars. Director General of de Ghana Health Service (GHS), Patrick Kumah Aboagye addressing de press on de matter talk say dem start dey work plus National Security and de health institutions to uncover de theft case. "We initiate some administrative procedure for de various leadership in those centre's to assist us plus report den also uncover other ones we no know about" Mr Kumah Aboagye talk. According to GHS dem make ready to cooperate plus de security agencies to uncover de circumstances wey lead to de theft den tins. [...]Additional information report ID: (<https://www.myjoyonline.com/4-accused-of-stealing-and-selling-covid-19-vaccines-granted-bail/>): A 37-year-old Disease Control Officer of the Greater Accra Regional Hospital, Stephen Dzisenu is said to have stolen 36 vials of COVIDSHIELD and Lord Pabitey, a Disease Control Officer of the La Bawalashie Polyclinic, also allegedly stole 26 vials of COVIDSHIELD. [...]

## 16 Decatur pharmacist fired after taking COVID-19 vaccines home to family

Publication date	2021-03-03
Create date	2021-03-26
Score	10.90
Report id	992152
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Decatur pharmacist fired after taking COVID-19 vaccines home to family Chicago Tribune

Click here to see the [Original Article](#)

Table 26: Places for report 992152

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Decatur	39.84031	-88.9548

Table 27: Drugs for report 992152

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 28: Other Stories

ID	Title	Link
1002928	Report: Two pharmacists fired after one allegedly took COVID-19 vaccines home, mixed doses at DMH	<a href="#">Link</a>

Notes: Two pharmacists at Memorial Health System were fired after one of them brought COVID-19 vaccines home to family members and inappropriately mixed doses at the system's Decatur hospital in December, according to newly disclosed emails from the Illinois Department of Public Health. A pharmacist "took doses home at the end of the day and administered to

her family,” according to an email sent to federal officials Jan. 20 from Heidi Clark, chief of the Division of Infectious Diseases at the state health department. The pharmacist also “pooled doses in the Pfizer vials to draw more vaccine beyond six doses,” at Decatur Memorial Hospital, according to the email.

Angie Muhs, a spokeswoman for Memorial Health System, confirmed in an email that one of the pharmacists diverted two doses. That pharmacist’s family members were not eligible for vaccines at that time, she said. [...]

## 17 National Consumer Protection Week: FDA Is Vigilant in Protecting Consumers Against COVID-19 Vaccine Scams - 2021-03-02

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-04-08
<b>Score</b>	10.65
<b>Report id</b>	962956
<b>Category</b>	Vaccine, Other
<b>Quality</b>	Falsified
<b>Source</b>	Unlicensed outlets
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: The FDA is well-equipped to identify and thwart medical product scams while vaccine distribution is underway throughout the country.

Click here to see the [Original Article](#)

Table 29: Places for report 962956

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 30: Drugs for report 962956

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: [...] In another case, an OCI agent went undercover to arrest a fraudster who was posing as a biotech expert. The suspect in this case claimed to have created an injectable COVID-19 vaccine that he offered to inject in customers for \$400-\$1,000 each. In early March 2020, undercover OCI agents contacted the suspect through social media posts. The suspect claimed he had developed and administered vaccines for cancer and COVID-19. Around the same time, the state of Washington Attorney General issued a cease and desist letter, telling the suspect to stop making claims and offering his "vaccine" for COVID-19. Undeterred, the suspect indicated to undercover agents the warning had just increased demand for his injections, which he now called an "immunogen" instead of a vaccine. Despite entering a consent decree with the state of Washington to stop selling his purported vaccines, the suspect continued to communicate

with the undercover OCI agent and traveled to Idaho to "vaccinate" the agent, where he was arrested. [...]

Additional information: In addition to some new information, this article refers to cases that the team has previously highlighted.

1) Case of the Georgie man selling misbranded drugs advertised to treat COVID-19 ->Report ID: 814170 (Fusion Health and Vitality Issues Voluntary Nationwide Recall of Core Essential Nutrients and Immune Boost Liquid Vitamin D3 - Press Release)

2) Case of The suspect that claimed to have created an injectable COVID-19 vaccine ->Report ID 578176 (US FDA issues warning letters to two groups for selling fake COVID-19 vaccines) and report ID 904241 (Seller of fake vaccine arrested in Seattle)

## 18 Thai Army doctor sold fake Covid-19 vaccines to UN peacekeepers

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-03
<b>Score</b>	10.58
<b>Report id</b>	962520
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Other
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Thai Army doctor sold fake Covid-19 vaccines to UN peacekeepers The Straits Times

Click here to see the [Original Article](#)

Table 31: Places for report 962520

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Thailand	Bangkok	13.75398	100.50144

Table 32: Drugs for report 962520

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 33: Other Stories

ID	Title	Link
962568	Thai army medic accused of injecting troops with fake Covid-19 vaccine during UN mission	<a href="#">Link</a>
962670	Army confirms news about vaccine fraud involving its doctor	<a href="#">Link</a>
963493	Thai Army doctor sold fake anti-Covid shots to UN peacekeepers, injected them with water	<a href="#">Link</a>
963683	Bangkok Military Court issues arrest warrant for medic accused of injecting troops with fake Covid-19 vaccine	<a href="#">Link</a>

Table 33: Other Stories(continued)

ID	Title	Link
973762	Thailand News Today   Dodgy vaccine doctor nabbed,Pattaya club raided for 'explicit' shows   March 3	<a href="#">Link</a>

Notes: The Thai military has confirmed that an army doctor had injected United Nations peacekeeping troops in South Sudan with water instead of vaccines.

The doctor had told the peacekeeping troops that the shots were flu vaccines that could protect against Covid-19, said military commander Chalermopol Srisawat. The medic administered the injections to 273 soldiers, charging each person US\$20 (S\$27) for the fake vaccination. A soldier became suspicious after noticing that the bottles used in the scam were unlabelled. He alerted his superiors, who found that the bottles contained plain water. [...]

## 19 Scammers are Selling Fake COVID-19 Vaccines for up to \$1,200

<b>Publication date</b>	2021-03-04
<b>Create date</b>	2021-03-09
<b>Score</b>	9.66
<b>Report id</b>	965729
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Scammers are Selling Fake COVID-19 Vaccines for up to \$1,200 IT News Africa

Click here to see the [Original Article](#)

Table 34: Places for report 965729

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	United Kingdom of Great Britain and Northern Ireland	54.75844	-2.69531
Americas	United States	United States	39.76	-98.5
Europe	Germany	Federal Republic of Germany	51.5	10.5
Europe	France	Republic of France	46	2

Table 35: Drugs for report 965729

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 36: Other Stories

ID	Title	Link
966396	COVID-19 vaccine doses have been sold on the dark web. Are they real?	<a href="#">Link</a>
967256	Dark Web Sells COVID-19 Vaccines with No Verification	<a href="#">Link</a>

Table 36: Other Stories(continued)

ID	Title	Link
967420	Vaccinations Pick Up Pace, But Real Doses Are Found On The Dark Web	<a href="#">Link</a>
968637	Real COVID-19 vaccine shots are being sold on the black market for up to \$1,200 a dose, a study finds	<a href="#">Link</a>
973111	COVID-19 vaccines stolen and sold on the dark web	<a href="#">Link</a>
974426	Illegal sales of coronavirus vaccines are surging online —but are the vaccines real?	<a href="#">Link</a>
974464	COVID-19 vaccines being sold on dark web	<a href="#">Link</a>
989034	Fake COVID Vaccine Certificates And Real Vaccines Are For Sale on Dark Web	<a href="#">Link</a>

Notes: Underground scammers are selling fake COVID-19 vaccines. The majority of sellers originated in France, Germany, the UK, and the USA, and the prices per dose range from \$250 to \$1,200, with an average cost of about \$500.

Scammers and buyers usually get in contact via encrypted messaging apps like Wickr and Telegram, while payments are requested in the form of cryptocurrency, primarily Bitcoin. The majority of these underground sellers have made between 100-500 transactions.

With the information available to Kaspersky experts, it's impossible to tell how many doses of the vaccine being advertised online are actual doses (many medical facilities have found themselves with leftover doses) and how many advertisements are a scam. [...]

## 20 BD Expands Voluntary Recall of ChloroPrep™ 3 mL Applicator Nationwide to Include All U.S. States - 2021-03-24

<b>Publication date</b>	2021-03-24
<b>Create date</b>	2021-03-26
<b>Score</b>	8.47
<b>Report id</b>	993043
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: BD (Becton, Dickinson and Company), a leading global medical technology company, has revised its press release dated March 19, 2021 relating to an expanded voluntary recall that was initiated on June 23, 2020 for specified catalog numbers of the ChloroPrep™ 3 mL applicator due to possible fungal con

Click here to see the [Original Article](#)

Table 37: Places for report 993043

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 38: Other Stories

ID	Title	Link
999667	BD Expands Voluntary Recall of ChloroPrep™ 3 mL Applicator Nationwide to Include All U.S. States	<a href="#">Link</a>

Notes: BD (Becton, Dickinson and Company), a leading global medical technology company, has revised its press release dated March 19, 2021 relating to an expanded voluntary recall that was initiated on June 23, 2020 for specified catalog numbers of the ChloroPrep™ 3 mL applicator due to possible fungal contamination under certain environmental conditions. [...]

## 21 Corona vaccine stolen in Services, wasted in Mozang hospital

Publication date	2021-03-31
Create date	2021-04-05
Score	6.97
Report id	1001109
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Corona vaccine stolen in Services, wasted in Mozang hospital The News International

Click here to see the [Original Article](#)

Table 39: Places for report 1001109

Region Name	Country	Location	Latitude	Longitude
Southern Asia	Pakistan	Lahore	31.558	74.35071

Table 40: Drugs for report 1001109

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 41: Other Stories

ID	Title	Link
1004384	Corona vaccine stolen in Services, wasted in Mozang hospitals	<a href="#">Link</a>

Notes: Around 900 doses of corona vaccine have been misappropriated and wasted in two hospitals in Lahore.

According to details, as many as 550 COVID-19 vaccine doses have allegedly been disappeared from the stock in the Services Hospital while 350 jabs have been wasted owing to poor storage in the Mozang Hospital, a tehsil headquarters hospital.

Hospital sources say as many as 550 doses of vaccines have been missing from the official record of the Services Hospital. These doses have allegedly been administered to bigwigs, close friends and relatives during the tenure of former medical superintendent Dr Saleem Cheema in the hospital. The sources claim that these vaccines have been administered to some VIPs and bureaucrats at their residences and federal minister Tariq Bashir Cheema and his family members are probably among the beneficiaries. [...]

## 22 2 Israelis detained on suspicion of selling used COVID vaccine vials

Publication date	2021-03-03
Create date	2021-03-11
Score	6.79
Report id	975656
Category	Vaccine
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Police say investigators aware of at least 9 empty bottles sold by the suspects to overseas buyers for \$100 a pop. Police detained two Israelis Wednesday on suspicion of selling used vials of Pfizer-BioNTech's coronavirus vaccine to buyers overseas.

Click here to see the [Original Article](#)

Table 42: Places for report 975656

Region Name	Country	Location	Latitude	Longitude
Western Asia	Israel	State of Israel	31.5	34.75

Notes: Police detained two Israelis Wednesday on suspicion of selling used vials of Pfizer-BioNTech's coronavirus vaccine to buyers overseas. The two central Israel residents, aged 45 and 19, are suspected of negligent care with medication, violating the pharmacists' ordinance and stealing from an employer. Police said as part of his work, one of the suspects had access to empty vaccine vials and took some home to sell on the internet, which a relative helped him with. Each bottle could fetch \$100, according to a police statement. Investigators were aware of at least nine vials sold to buyers, seven of whom were in the United States. The other two were in France and Italy. It wasn't clear what the buyers planned to do with the empty vials, dozens of which police said were found during a search of the suspect's home. Police said the investigation was being carried out jointly with the Health Ministry.

## **Annex B**

### **4. Sanitisers and disinfectants**

# Medicine Quality Monitoring Globe

April 30, 2021



This is a summary of the information available in the Medicine Quality Monitoring Globe for the search terms selected between the dates selected. For more information on the terminology used, caveats and the work of the medicine quality group please see the information at: <https://www.iddo.org/medicine-quality>

Non-Curated reports are those that have been automatically flagged as relevant by the system but have not been manually curated by the curators.

We would be grateful for any feedback on this summary and for the details of any reports that we may have missed.

## Filters applied for this report

<b>Search</b>	"wipes" OR "disinfectant" OR "sanitizer" OR "sanitizing" OR "iodoform" OR "sanitiser"
<b>Start date</b>	2021-03-01
<b>End date</b>	2021-03-31
<b>Language</b>	en
<b>Report type</b>	incident
<b>Curation status</b>	validated
<b>Number of Reports</b>	12

# 1 Carcinogen Found in Hand Sanitizers That Plugged Pandemic Gap

<b>Publication date</b>	2021-03-24
<b>Create date</b>	2021-03-25
<b>Score</b>	17.93
<b>Report id</b>	991177
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Carcinogen Found in Hand Sanitizers That Plugged Pandemic Gap Bloomberg

Click here to see the [Original Article](#)

Table 1: Places for report 991177

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 2: Drugs for report 991177

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Table 3: Other Stories

ID	Title	Link
991414	Carcinogen found in hand sanitizers that plugged COVID gap	<a href="#">Link</a>
991415	Carcinogen found in hand sanitizers that plugged pandemic gap	<a href="#">Link</a>

Table 3: Other Stories(continued)

ID	Title	Link
991427	Some hand sanitizers made during the COVID-19 pandemic found to have high levels of a carcinogen: study	<a href="#">Link</a>
991648	Some hand sanitizers found tainted with cancer-causing chemical	<a href="#">Link</a>
992071	Some hand sanitizers used to fight COVID are found to contain cancer-causing chemical	<a href="#">Link</a>
992723	Carcinogen found in hand sanitizers that plugged covid gap	<a href="#">Link</a>
992862	Carcinogenic: Hand sanitizers used to combat COVID-19 found to have toxic, cancer-causing chemical	<a href="#">Link</a>
993164	Benzene Found in Multiple Hand Sanitizer Brands	<a href="#">Link</a>
994532	Carcinogen found in hand sanitisers that plugged Covid-19 gap	<a href="#">Link</a>
994749	Some hand sanitizers used to fight COVID-19 found to be tainted with cancer-causing chemical	<a href="#">Link</a>
996991	Study finds carcinogen above FDA limit in several hand sanitizer brands	<a href="#">Link</a>
997173	Some hand sanitizers contain carcinogen	<a href="#">Link</a>
997625	Coronavirus: Study finds carcinogen benzene in 44 hand sanitizers produced during pandemic	<a href="#">Link</a>
997710	Some Hand Sanitizers Found To Have Higher Than Allowed Benzene Levels	<a href="#">Link</a>
997770	Hand Sanitizer Study Finds Elevated Levels Of Cancer Causing Chemical In 21 Out Of 260 Hand Sanitizers	<a href="#">Link</a>
1000316	21 Hand Sanitizers Found to Have High Levels of Cancer-Causing Chemicals	<a href="#">Link</a>
1002226	Carcinogen above FDA limit found in several hand sanitizer brands	<a href="#">Link</a>
1009560	Numerous Hand Sanitizers Test Positive for Dangerous Carcinogen	<a href="#">Link</a>
1013230	Researchers Find Cancer-causing Toxins in 21 Hand Sanitizers	<a href="#">Link</a>
1014735	Carcinogen Reportedly Found in Hand Sanitizer: How to Avoid It	<a href="#">Link</a>

Notes: Some widely available hand sanitizers that American consumers snapped up last year to ward off coronavirus infection contain high levels of a chemical known to cause cancer, a testing firm's analysis found.

An assortment of hand cleaners that flooded into the market after mainstays disappeared from retail outlets contain high levels of benzene, according to Valisure, a New Haven, Connecticut-based online pharmacy that tests products for quality and consistency. [...] Valisure analyzed 260 bottles from 168 brands and found 17% of the samples contained detectable levels of benzene. Twenty-one bottles, or 8%, contained benzene above two parts per million, a temporary limit

the FDA set for liquid hand sanitizers to ease the supply squeeze. [...]

## 2 Yara Elena De La Garza Perez Nieto - 608697 - 02/22/2021 - 2021-03-02

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-04
<b>Score</b>	16.41
<b>Report id</b>	962772
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

Click here to see the [Original Article](#)

Table 4: Places for report 962772

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Saltillo	25.42321	-101.0053
Americas	United States	United States	39.76	-98.5

Table 5: Drugs for report 962772

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] DAESI Hand Sanitizer, labeled as manufactured at your facility, is labeled to contain 70% volume/volume (v/v) of the active ingredient ethyl alcohol (ethanol). However, FDA laboratory testing of batches of this product detained at the border found that the drug product contained the following as listed in Table 1:

Table 1: Results of FDA tested samples (\*ND = Not detected) [...]

### 3 Asesores en Mantenimiento Hidraulico e Industrial, S.A. de C.V. - 610108 - 02/22/2021 - 2021-03-02

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-04
<b>Score</b>	15.69
<b>Report id</b>	962773
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

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Table 6: Places for report 962773

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Monterrey	25.67507	-100.31847

Table 7: Drugs for report 962773

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] ARGENT Defense Group HAND SANITIZER, declared to be manufactured at your facility, is labeled to contain 70% volume/volume (v/v) of the active ingredient ethyl alcohol (ethanol).

However, FDA laboratory testing of a batch of this product detained at the border found that it contained an average 0.07% ethanol and an average of 66% methanol v/v. Therefore, this hand sanitizer drug product is adulterated under section 501(d)(2) of the FD&C Act in that

the active ingredient, ethanol, was substituted wholly or in part with methanol, a dangerous chemical when in contact with human skin or ingested. [...]

#### 4 Albek de Mexico S.A. de C.V. - 609202 - 03/11/2021 - 2021-03-16

<b>Publication date</b>	2021-03-16
<b>Create date</b>	2021-03-18
<b>Score</b>	14.95
<b>Report id</b>	980925
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

Click here to see the [Original Article](#)

Table 8: Places for report 980925

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	San Juan del Río	20.38886	-99.99577
Americas	United States	United States	39.76	-98.5

Table 9: Drugs for report 980925

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] NEXT ADVANCED ANTIBACTERIAL HAND SANITIZER, declared to be manufactured at your facility, is labeled to contain 70% volume/volume (v/v) of the active ingredient alcohol (ethanol). However, FDA laboratory testing of batches of this product detained at the border found that one batch contained an average of 39% ethanol and an average of 27% methanol v/v. A second batch contained an average of 38% ethanol and an average of 27% methanol v/v. A third batch contained an average of 55% ethanol and an average of 10%

methanol v/v. A fourth batch contained on average of 37% ethanol and an average of 29% methanol v/v. Therefore, this hand sanitizer drug product is adulterated under section 501(d) (2) of the FD&C Act in that the active ingredient, ethanol, was substituted wholly or in part with methanol, a dangerous chemical when in contact with human skin or ingested. [...]

## 5 Plásticos Las Palmas, S.A. de C.V - 609475 - 03/01/2021 - 2021-03-09

<b>Publication date</b>	2021-03-09
<b>Create date</b>	2021-03-11
<b>Score</b>	13.63
<b>Report id</b>	972570
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

Click here to see the [Original Article](#)

Table 10: Places for report 972570

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Tlajomulco de Zúñiga	20.49243	-103.42939

Table 11: Drugs for report 972570

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] MEDICALLY MINDED Hand Sanitizer Gel, declared to be manufactured at your facility, is labeled to contain 70% volume/volume (v/v) of the active ingredient ethyl alcohol (ethanol). However, FDA laboratory testing of a batch of this product detained at the border found that the drug product contained on average 0.84% ethanol and an average of 54% methanol v/v. [...]

## 6 Distribuidora Lagunera del Norte S.A. de C.V. - 610939 - 03/23/2021 - 2021-03-30

<b>Publication date</b>	2021-03-30
<b>Create date</b>	2021-04-01
<b>Score</b>	13.63
<b>Report id</b>	998719
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

Click here to see the [Original Article](#)

Table 12: Places for report 998719

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Torreón	25.54389	-103.41898

Table 13: Drugs for report 998719

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] Weper Clean Solutions Hand Sanitizer, which is manufactured at your facility, is labeled to contain 70% of the active ingredient alcohol (ethanol). However, FDA laboratory testing of a batch of this product detained at the border found that the drug product contained an average of only 28% v/v ethanol. This topical antiseptic drug product is adulterated under section 501(c) of the FD&C Act in that the active ingredient of ethanol is present at levels in the product lower than that which is declared on its labeling. [...]

## 7 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US

<b>Publication date</b>	2021-03-01
<b>Create date</b>	2021-03-02
<b>Score</b>	13.44
<b>Report id</b>	961443
<b>Category</b>	Antiseptic, Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US KVIA El Paso

Click here to see the [Original Article](#)

Table 14: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	<a href="#">Link</a>

Notes: A year into the pandemic, counterfeit COVID-19 products are still coming into the United States. Customs and Border Protection officers are offering tips for consumers to stay safe. Shipments of counterfeit Covid-19 products surged at the start of the pandemic. In one seizure in April, CBP officers seized more than 2,200 unlabeled counterfeit sanitizer products and 1,000 unlabeled and unmarked masks at the Bridge of the Americas. Officers say the surge has slowed down, but counterfeit products are still out there. Officers have seized counterfeit masks, sanitizer products, bleach and thermometers. The products might provide a false sense of security too. While some disinfectant products might contain 97% alcohol content, counterfeit versions may only contain 7%, according to Chief CBP Officer Adriana Carranza. [...]

## 8 Durisan Hand Sanitizer Recall Due to Microbial Contamination

<b>Publication date</b>	2021-03-24
<b>Create date</b>	2021-03-26
<b>Score</b>	13.42
<b>Report id</b>	992840
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Durisan Hand Sanitizer Recall Due to Microbial Contamination FDA.gov

Click here to see the [Original Article](#)

Table 15: Places for report 992840

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 16: Other Stories

ID	Title	Link
992902	Durisan Hand Sanitizer Recall Due to Microbial Contamination - 2021-03-24	<a href="#">Link</a>
993235	Hand sanitizer recalled because it is contaminated with bacteria, FDA says	<a href="#">Link</a>
993485	FDA: Recall issued on hand sanitizer due to microbial contamination	<a href="#">Link</a>
993523	Recalled Hand Sanitizer Can Infect Lungs, Bloodstreams in Patients Due to Bacteria	<a href="#">Link</a>
994355	This recalled hand sanitizer actually makes your hands dirtier when you apply it	<a href="#">Link</a>
994531	You should definitely avoid this recalled hand sanitizer	<a href="#">Link</a>
997567	Durisan Hand Sanitizer recalled due to microbial contamination	<a href="#">Link</a>
1016923	FDA updates on hand sanitizers consumers should not use - 2021-04-09	<a href="#">Link</a>

Table 16: Other Stories(continued)

ID	Title	Link
1024545	Durisan Announces a Voluntary Recall Expansion of its Antimicrobial Hand Sanitizer - 2021-04-16	<a href="#">Link</a>
1027567	Recall of contaminated hand sanitizer expanded to include unexpired products	<a href="#">Link</a>

Notes: Sanit Technologies LLC d/b/a Durisan announces a voluntary recall of the lots listed in the table below of Durisan Antimicrobial Hand Sanitizer, Non-Alcohol products in various sizes listed. The products are being recalled due to microbial contamination. Specifically, out of specification results for bacterial count for Burkholderia cepacia complex and Ralstonia pickettii. The issue was discovered during a routine audit focused on production scale-up during the height of the pandemic. [...]

## 9 Inovaker Lab S.A. de C.V. - 609979 - 02/25/2021 - 2021-03-02

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-04
<b>Score</b>	13.40
<b>Report id</b>	962771
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

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Table 17: Places for report 962771

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	United States	Monterey	36.60024	-121.89468

Table 18: Drugs for report 962771

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] Hand+ Sanitizer Ethyl Alcohol Antiseptic 75% Topical Solution, labeled as and declared to be manufactured at your facility, is labeled to contain 75% volume/volume (v/v) of the active ingredient ethyl alcohol (ethanol). However, FDA laboratory testing of a batch of this product detained at the border found that the drug product contained no ethanol or 0% v/v. This topical antiseptic drug product is adulterated under section 501(c) of the Act in that the active ingredient of ethanol is not present and this product does not contain the active ingredient declared on its labeling. [...]

## 10 Marco Antonio Rodriguez Fierro - 610110 - 03/01/2021 - 2021-03-09

<b>Publication date</b>	2021-03-09
<b>Create date</b>	2021-03-11
<b>Score</b>	12.97
<b>Report id</b>	972573
<b>Category</b>	Antiseptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Finished Pharmaceuticals/Unapproved New Drug/Misbranded/Adulterated

Click here to see the [Original Article](#)

Table 19: Places for report 972573

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Guadalupe	25.67678	-100.25646
Americas	United States	United States	39.76	-98.5

Table 20: Drugs for report 972573

Medicine Name	Medicine Class	Action	ATC Code
ethanol	Other antiseptics and disinfectants	antiseptics and disinfectants	D08AX08
ethanol	Antidotes	all other therapeutic products	V03AB16
ethanol	Nerve depressants	all other therapeutic products	V03AZ01

Notes: [...] NATURAL GOLD GEL ALCOHOL ANTISEPTIC 75% Topical Solution, labeled as manufactured at your facility, is labeled to contain 75% volume/volume (v/v) of the active ingredient alcohol, ethyl alcohol (ethanol). However, FDA laboratory testing of a batch of this product detained at the border found that the drug product contained only 31% v/v ethanol. This hand sanitizer drug product is adulterated under section 501(c) of the FD&C Act in that the active ingredient of ethanol is present at levels in the product lower than that which is

declared on its label. [...]

## 11 KEBS nab sub-standard face masks – Nairobi News

<b>Publication date</b>	2021-03-31
<b>Create date</b>	2021-04-05
<b>Score</b>	12.10
<b>Report id</b>	1000266
<b>Category</b>	Antiseptic, Medical devices for disease prevention
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: KEBS nab sub-standard face masks – Nairobi News Nairobi News

Click here to see the [Original Article](#)

Table 21: Places for report 1000266

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Kenya	Nairobi	-1.28333	36.81667

Notes: The Kenya Bureau of Standards (KEBS) on Wednesday seized 211 boxes of Promo Kings disposable masks at Quick Mart, Ruai

According to the agency, the standard mark permit for 58 boxes with 50 pieces and 53 boxes with 25 pieces was suspended due to failures in meeting the required standards. [...] KEBS at the same time also seized 20 brands of detergents; shampoos; sanitizers and disinfectants manufactured by Oracle Chemical Ltd at Hardy Karen were also seized on Wednesday. [...]

## 12 CAMA Wellness Center/IodoRios Company, LLC - 613185 - 03/05/2021 - 2021-03-09

<b>Publication date</b>	2021-03-09
<b>Create date</b>	2021-03-11
<b>Score</b>	9.53
<b>Report id</b>	972321
<b>Category</b>	Antiviral others
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Unapproved and Misbranded Products Related to Coronavirus Disease 2019 (COVID-19)

Click here to see the [Original Article](#)

Table 22: Places for report 972321

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 23: Other Stories

ID	Title	Link
974207	FDA Flags Wipe Seller For COVID-19 Claims	<a href="#">Link</a>

Notes: [...] Some examples of the claims on your websites and/or labeling that establish the intended use of your product and misleadingly represent it as safe and/or effective for the treatment or prevention of COVID-19 include:

On a package insert that accompanies your product, under "WHEN SHOULD I REPLACE MY WIPE": "However due to COVID-19 being a readily communicable disease, to be safe, we'd like you to replace it when it starts to fade from jet black or have any discoloration. This would be a sign that its iodine, the active ingredient, is beginning to be depleted (and why we say "You can see it working!"). We are recommending this more conservative measure for the time being, while we pursue COVID-19 specific testing. Bear in mind that COVID-19 is an extremely easy virus to destroy outside the body, and the wipe has been tested on much tougher bugs." [...]

## **Annex B**

### **5. COVID-19 medicines**

# Medicine Quality Monitoring Globe

April 30, 2021



This is a summary of the information available in the Medicine Quality Monitoring Globe for the search terms selected between the dates selected. For more information on the terminology used, caveats and the work of the medicine quality group please see the information at: <https://www.iddo.org/medicine-quality>

Non-Curated reports are those that have been automatically flagged as relevant by the system but have not been manually curated by the curators.

We would be grateful for any feedback on this summary and for the details of any reports that we may have missed.

## Filters applied for this report

**Search** ("tranilast" OR "interleukin-2" OR "INC424" OR "TNKase" OR "nitazoxanide" OR "LY3832479" OR "baloxavir" OR "interleukin-7" OR "Kineret" OR "ritonavir" OR "Crizanlizumab" OR "Apixaban" OR "cyclosporin" OR "losartan" OR "ATI-450" OR "nitrogen monoxide" OR "tirofiban" OR "Ebselen" OR "corbistadine" OR "atorvastatin" OR "Eicosapentaenoic" OR "nitrite" OR "Riamilovir" OR "NK-1R" OR "Pemziviptadil" OR "colchicine" OR "Lithium" OR "Vancomycin" OR "Broncho-Vaxom" OR "ramipril" OR "Teicoplanin" OR "tofacitinib" OR "budesonide" OR "Paracetamol" OR "dipyridamole" OR "levamisole" OR "atovaquone" OR "Senicapoc" OR "covid drug" OR "enoxaparin" OR "Brequinar" OR "povidone-iodine" OR "levilimab" OR "degarelix" OR "LY3819253" OR "Sofusbovir" OR "masitinib" OR "Omega-3" OR "INM005" OR "RBT-9" OR "deferroxamine" OR "canakinumab" OR "Ramelteon" OR "chlorpromazine" OR "selinexor" OR "Piclidenoson" OR "DAS181" OR "M5049" OR "Ibudilast" OR "CM4620-IE" OR "GNS561" OR "zanubrutinib" OR "Cenicriviroc" OR "sofosbovir" OR "Trimethoprim" OR "vadadustat" OR "AVM0703" OR "Rabeprazole" OR "Moxifloxacin" OR "cobicistat" OR "BAT2020" OR "ABX464" OR "XAV-19" OR "thalidomide" OR "GX-19" OR "corticosteroid" OR "Tradipitant" OR "cotrimoxazole" OR "HuMax-Inflam" OR "Apilimod" OR "DUR-928" OR "escin" OR "PF-06650833"

OR "octagam" OR "Antroquinonol" OR "pacritinib" OR "Imatinib" OR "ribavirin"  
OR "ambrisentan" OR "baricitinib" OR "imatinib" OR "CD24Fc" OR "Sulodexide"  
OR "AlloStim" OR "DFV890" OR "Emapalumab" OR "sitagliptin" OR "Metformin" OR  
"prednisone" OR "ulinastatin" OR "naltrexone" OR "abidor" OR "niclosamide" OR  
"BI0101" OR "GS-441524" OR "argatroban" OR "Leukine" OR "xiyanping" OR "pegin-  
terferon" OR "pembrolizumab" OR "HuMax" OR "Lambda" OR "dornase" OR "Itracona-  
zole" OR "telemedicine" OR "Adenosine" OR "Curosurf" OR "clarithromycin" OR  
"bromhexine" OR "Xpovio" OR "ebastine" OR "amoxicillin/clavulanate" OR "PD-1  
mAb" OR "oseltamivir" OR "Betamethasone" OR "favipiravir" OR "mefloquine" OR  
"bismuth" OR "CM4620" OR "ifenprodil" OR "Levofloxacin" OR "REGN10987" OR "Can-  
desartan" OR "secukinumab" OR "Trihexyphenidyl" OR "Daclatasvir" OR "pinavir"  
OR "tocilizumab" OR "co-amoxiclav" OR "EG-HPCP-03a" OR "hydroxychloroquine" OR  
"Polyoxidonium" OR "STI-5656" OR "Artesunate" OR "triazavirine" OR "Disulfiram"  
OR "cholecalciferol" OR "INO-4800" OR "PG1" OR "zinc" OR "oxytocin" OR "gim-  
silumab" OR "suramin" OR "rhG-CSF" OR "desferoxamine" OR "TD-0903" OR "OM-85"  
OR "Bucillamine" OR "pirfenidone" OR "Acetaminophen" OR "adamumab" OR "sul-  
famethoxazole" OR "BI 764198" OR "RPH-104" OR "COVID-19 drug" OR "alpha lipoic"  
OR "almitrine" OR "melphalan" OR "TMJ2" OR "dapagliflozin" OR "NBT-NM108" OR  
"Icosapent" OR "Ceftriaxone" OR "isoprinosine" OR "IMU-838" OR "tridecactide" OR  
"chloroquine" OR "CSL324" OR "Lian Hua Qing Weng" OR "Kevzara" OR "valsartan" OR  
"mepiluzumab" OR "Namilumab" OR "Prednisolone" OR "sargramostim" OR "estradiol"  
OR "cyclosporine" OR "Aprepitant" OR "silymarin" OR "linagliptin" OR "Noscapi-  
ne" OR "Gemtuzumab" OR "methylprednisolone" OR "fluvoxamine" OR "Coroquard" OR  
"mavrilimumab" OR "anakinra" OR "ozanimod" OR "mepolizumab" OR "acetylsalicylic"  
OR "darunavir" OR "novaferon" OR "YinHu QingWen" OR "OM85" OR "camrelizumab" OR  
"Cosentyx" OR "estrogen" OR "dexmedetomidine" OR "LL-37" OR "Dantonix" OR "ri-  
varoxaban" OR "adalimumab" OR "apremilast" OR "polyinosinic-polycytidylic" OR  
"farpiravir" OR "montelukast" OR "Ibuprofen" OR "IFX-1" OR "Iodine" OR "Molnupi-  
ravir" OR "Pioglitazone" OR "verapamil" OR "Rapamycin" OR "Brexanolone" OR "El-  
trombopag" OR "ravulizumab" OR "hydrocortisone" OR "auxora" OR "tinzaparin" OR  
"Vascepa" OR "omalizumab" OR "Tybost" OR "Actemra" OR "dociparastat" OR "NA-831"  
OR "ascorbic acid" OR "MAS825" OR "C21" OR "RoActemra" OR "eculizumab" OR "Bi-  
valirudin" OR "povidon-iodine" OR "ivermectin" OR "Pamrevlumab" OR "danoprevir"  
OR "Neurokinin" OR "sirolimus" OR "Fostamatinib" OR "resveratrol" OR "Icatibant"  
OR "bromelain" OR "dexamethasone" OR "TJ003234" OR "iloprost" OR "tacrolimus" OR  
"astegolimab" OR "interferon" OR "plitidepsin" OR "metenkefalin" OR "azoximer"  
OR "lopinavir" OR "Tazobactam" OR "carrimycin" OR "CM-4620" OR "CYT107" OR  
"Heparin" OR "Pyronaridine-Artesunate" OR "Itolizumab" OR "zilucoplan" OR "ox-  
pentifylline" OR "AT-001" OR "Abivertinib" OR "doxycycline" OR "Nigella Sativa"  
OR "AZD1222" OR "Ieronlimab" OR "Enalapril" OR "nangibotide" OR "Piperacillin"  
OR "bevacizumab" OR "lactoferrin" OR "UTTR1147A" OR "Caesalpinia spinosa" OR  
"mometasone" OR "hydroxychloroquin" OR "Febuxostat" OR "lanadelumab" OR "Thymal-  
fasin" OR "huaier extract" OR "Levoflozacin" OR "Pentoxifylline" OR "tozumab" OR  
"NP-120" OR "Alvelestat" OR "captopril" OR "merimepodib" OR "lota-Carrageenan"  
OR "Lianhua Qingwen" OR "GLS-1200" OR "aescinate" OR "tranexamic" OR "Ledi-  
pasvir" OR "ISIS 721744" OR "procalcitonin" OR "SNDX-6352" OR "sirukumab" OR  
"Enzalutamide" OR "carrimycin" OR "bemiparin" OR "T89" OR "Spironolactone" OR  
"fingolimod" OR "aspirin" OR "Remdesivir" OR "pyridostigmine" OR "Prolastin"  
OR "EC-18" OR "poractant" OR "isotretinoin" OR "telmisartan" OR "TJM2 TJM-2"

OR "lenzilumab" OR "avdoralimab" OR "duvelisib" OR "BIO 300" OR "bicalutamide" OR "Ilaris" OR "atlizumab" OR "desferrioxamine" OR "LB1148" OR "vitamin D3" OR "Clopidogrel" OR "CD24" OR "tetrandrine" OR "Lansoprazole" OR "Ruconest" OR "amoxicillin" OR "Trifluoperazine" OR "Ganovo" OR "nitric Oxide" OR "chlorine dioxide" OR "olokizumab" OR "lucinactant" OR "galidesivir" OR "TXA127" OR "Maraviroc" OR "conestat" OR "CA S001" OR "vazegepant" OR "REGN10933" OR "Propranolol" OR "Fisetin" OR "Previfenon" OR "omega 3" OR "thymosin" OR "Prasugrel" OR "retinoic acid" OR "Ceftaroline" OR "sevoflurane" OR "amoxicillin/clavulanic acid" OR "oestrogen" OR "leflunomide" OR "virazole" OR "PLN-74809" OR "ATYR1923" OR "Olumiant" OR "dalargin" OR "Alinia" OR "methotrexate" OR "dapan-sutriole" OR "artemisinin" OR "ibrutinib" OR "aescin" OR "CERC-002" OR "fludase" OR "isoflurane" OR "XPro1595" OR "LY-CoV555" OR "CAS0001" OR "immunoglobulin" OR "nafamostat" OR "Crocetinate" OR "Diphenhydramine" OR "BIO 101" OR "AZD1656" OR "PTC299" OR "amodiaquine" OR "casirivimab" OR "BGB-DXP593" OR "opaganib" OR "melatonin" OR "huaier granule" OR "HuMax-IL8" OR "famotidine" OR "GLS-1027" OR "Trimodulin" OR "tenofovir" OR "Primaquine" OR "AMY-101" OR "umifenovir" OR "EDP1815" OR "Vitamin B12" OR "Gamunex-C" OR "Bardoxolone" OR "AstroStem-V" OR "LAU-7b" OR "Vitamin E" OR "Vitamin B" OR "RTB101" OR "curcumin" OR "fondaparinux" OR "Edoxaban" OR "L-Citrulline" OR "ciclesonide" OR "azithromycin" OR "remdesivir" OR "Diltiazem" OR "Methylene blue" OR "clazakizumab" OR "BCX4430" OR "Pyronaridine" OR "Quercetin" OR "Toremifene" OR "COVI-AMG" OR "etoposide" OR "DWJ1248" OR "defibrotide" OR "AT-527" OR "prazosin" OR "triazavirin" OR "BIO300" OR "Ensifentrine" OR "Anti-IL-8" OR "dihydroartemisinin" OR "vitamin c" OR "25-hydroxyvitamin D3" OR "coronavirus drug" OR "formoterol" OR "indomethacin" OR "Rayaldee" OR "ciclosporin" OR "naproxen" OR "fluoxetine" OR "Infliximab" OR "Tenecteplase" OR "ruxolitinib" OR "Molgramostim" OR "vitamin D" OR "simvastatin" OR "alteplase" OR "sildenafil" OR "isoquercetin" OR "GC4419" OR "ketamine" OR "Razuprotafib" OR "camostat" OR "Arbidol" OR "Montmorrillonite" OR "acalabrutinib" OR "nivolumab" OR "aviptadil" OR "PUL-042" OR "diammonium" OR "Clevudine" OR "nitrogen oxide" OR "BMS-986253" OR "siltuximab" OR "interleukin 2" OR "jakotinib" OR "nintedanib" OR "Axatilimab" OR "garadacimab" OR "Treamid" OR "ASC09" OR "emtricitabine" OR "LY-CoV016" OR "Pulmozyme" OR "Prostaglandin" OR "ciclosporine" OR "hydrogen peroxide" OR "sarilumab" OR "Losmapimod" OR "azvudine" OR "BLD-2660" OR "EIDD-2801" OR "MSTT1041A" OR "Desidustat" OR "abidole" OR "omeprazole" OR "progesterone" OR "Decitabine" OR "tocopherol" OR "berberine" OR "APL-9" OR "colomycin" OR "XC221" OR "amiodarone" OR "lenalidomide" OR "imdevimab" OR "ixekizumab" OR "VentaProst" OR "acetylcysteine" OR "LY3127804" OR "Atazanavir" OR "TL-895" OR "dalteparin" OR "Thimerosal" OR "Xue-Bi-Jing" OR "GC376" OR "Angiotensin" OR "gs-441542" OR "Risankizumab" OR "co-trimoxazole") OR (("Plasma" OR "Treatment" OR "Monoclonal antibodies" OR "Medication" OR "Antibody therapy" OR "Antibody cocktail") AND ("CV19" OR "新冠病毒" OR "武汉新型冠状病毒" OR "非典" OR "SARS" OR "CoV-2" OR "vi rút corona" OR "武汉肺炎" OR "COVID-19" OR "COVID" OR "新冠疫情" OR "新型冠状病毒肺炎" OR "SARS-CoV-2" OR "CV" OR "Coronavirus" OR "CV-19" OR "SRAS" OR "新型冠状病毒" OR "新冠"))

Start date 2021-03-01  
End date 2021-03-31  
Language en

<b>Report type</b>	incident
<b>Curation status</b>	validated
<b>Number of Reports</b>	27

# 1 Sun Pharma, Dr Reddy's, Aurobindo recall products in the US market

<b>Publication date</b>	2021-03-14
<b>Create date</b>	2021-03-15
<b>Score</b>	43.32
<b>Report id</b>	978339
<b>Category</b>	Analgesic, Hormone replacement, Ophthalmic medicines, Immunosuppressant, Cardiovascular medicine
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Sun Pharma, Dr Reddy's, Aurobindo recall products in the US market Hindustan Times

Click here to see the [Original Article](#)

Table 1: Places for report 978339

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 2: Drugs for report 978339

Medicine Name	Medicine Class	Action	ATC Code
progesterone	Pregnen (4) derivatives	progestogens	G03DA04
famotidine	H2-receptor antagonists	drugs for peptic ulcer and gastro-oesophageal reflux disease (gord)	A02BA03
methylprednisolone	Corticosteroids, weak (group I)	corticosteroids, plain	D07AA01
methylprednisolone	Corticosteroids, combinations for treatment of acne	anti-acne preparations for topical use	D10AA02
methylprednisolone	Glucocorticoids	corticosteroids for systemic use, plain	H02AB04
atorvastatin	HMG CoA reductase inhibitors	lipid modifying agents, plain	C10AA05

Notes: [...] As per the latest Enforcement Report by the US Food and Drug Administration (USFDA), Sun Pharma is recalling Cequa ophthalmic solution, which is used to treat chronic dry eye. The US-based subsidiary of the Mumbai-based drug major is recalling 37,400 cartons (60 vials per carton) of the ophthalmic solution for being "subpotent", the US health regulator said. [...] Similarly, Dr Reddy's Laboratories is recalling 10,440 (90-count) and 2,24,710 (500 count) bottles of Atorvastatin Calcium tablets in the US market. The Hyderabad-based firm is recalling the drug, which is used to prevent cardiovascular disease, for "failed impurities/degradation specifications", the USFDA said. [...] The drug firm is also recalling 16,449 bottles of Progesterone Capsules (200 mg), used to cause menstrual periods in women who have not yet reached menopause, in the US market for "failed dissolution specifications". [...] Another Hyderabad-based drug major Aurobindo Pharma is recalling 1,296 bottles of Famotidine tablets, used to treat gastroesophageal reflux disease, in the US market for presence of foreign tablets. "Famotidine 20mg and ibuprofen 400mg tablets were found in a lot of famotidine 40mg," the USFDA noted. [...] Besides, Salisbury-based Jubilant Cadista Pharmaceuticals is recalling 6,35,400 cartons of Methylprednisolone tablets, prescribed for its anti-inflammatory and immunosuppressive effects, in the American market due to "Illegible label". [...]

## 2 This Common Medication Is Subject to a New Recall, FDA Says

<b>Publication date</b>	2021-03-11
<b>Create date</b>	2021-03-12
<b>Score</b>	37.96
<b>Report id</b>	975669
<b>Category</b>	Anxiolytic, Erectile dysfunction medicine, Other, Nutritional supplement, Antiepileptic
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: This Common Medication Is Subject to a New Recall, FDA Says Best Life

Click here to see the [Original Article](#)

Table 3: Places for report 975669

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 4: Drugs for report 975669

Medicine Name	Medicine Class	Action	ATC Code
imatinib	Protein kinase inhibitors	other antineoplastic agents	L01XE01
pregabalin	Other antiepileptics	antiepileptics	N03AX16
tadalafil	Drugs used in erectile dysfunction	urologicals	G04BE08
sevelamer	Drugs for treatment of hyperkalemia and hyperphosphatemia	all other therapeutic products	V03AE02
spironolactone	Aldosterone antagonists	potassium-sparing agents	C03DA01

Notes: Your prescription medications are supposed to treat your health issues, but if you're taking one commonly prescribed drug, it could actually be putting your well-being in jeopardy. On March 9, the Food and Drug Administration (FDA) announced the recall of one company's spironolactone tablets, a medication frequently used to treat hormonal imbalances, water retention, and high blood pressure, due to potentially dangerous and unintended effects. [...] On Feb. 21, the Consumer Product Safety Commission (CPSC) announced the recall of 21,400 packages of Dr. Reddy prescription medications. The recall was initiated after it was discovered that the drugs' packaging was not child-proof, and thus could "pose a risk of poisoning."

The recalled medications include 100-mg. Imatinib Mesylate tablets, 400-mg. Imatinib Mesylate tablets, 50-mg. Pregabalin capsules, 75-mg. Pregabalin capsules, 100-mg. Pregabalin capsules, 150-mg. Pregabalin capsules, 800-mg. Sevelamer Carbonate tablets, 5-mg. Tadalafil tablets, and 20-mg. Tadalafil tablets. [...] The FDA announced on Feb. 16 that Adam's Secret had pulled its Adam's Secret Extra Strength 1500 tablets and Adam's Secret Extra Strength 3000 tablets from the market. The supplements, used for male enhancement, may have been contaminated with sildenafil and/or tadalafil, the active ingredients in prescription erectile dysfunction medications. [...]

### 3 FDA Warns Joseph Mercola Not to Market Products Making Fake Claims to Treat or Prevent COVID-19

Publication date	2021-03-04
Create date	2021-03-08
Score	35.00
Report id	966343
Category	Vitamin, Nutritional supplement
Quality	Diverted/Unregistered
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: FDA Warns Joseph Mercola Not to Market Products Making Fake Claims to Treat or Prevent COVID-19 CSPI Newsroom

Click here to see the [Original Article](#)

Table 5: Places for report 966343

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 6: Drugs for report 966343

Medicine Name	Medicine Class	Action	ATC Code
			A11
	Vitamins	i.v. solution additives	B05XC

Table 7: Other Stories

ID	Title	Link
966616	FDA Tells Osteopath To Stop Marketing Fake COVID-19 Cures	<a href="#">Link</a>
980880	FDA warns Mercola: Stop selling fake COVID remedies and cures - Alliance for Science	<a href="#">Link</a>
993762	FDA warns Joe Mercola to stop selling fake COVID remedies and cures	<a href="#">Link</a>

Notes: It is illegal to market vitamins or other dietary supplements as treatments or preventives for anything, let alone COVID-19. Yet since the start of the pandemic, some supplement makers, including televangelist Jim Bakker and osteopath Joseph Mercola, have made such claims. Alarmed by the risks to consumers such claims pose, particularly during a pandemic, in July 2020, CSPI wrote letters to the government agencies with oversight responsibility urging them to make clear that Mercola's claims are illegal and to bring enforcement proceedings. We also testified before the Senate and communicated with our members and the public about this and other COVID scams.

We are very glad that the Food and Drug Administration has publicly released a warning letter informing Mercola that he and his company are in violation of the law and must stop making these claims. The FDA found that certain Mercola dietary supplements, including "Liposomal Vitamin C," "Liposomal Vitamin D3," and "Quercetin and Pterostilbene Advanced" products, all of which were flagged in CSPI's letter, were both unapproved new drugs and misbranded drugs in violation of the Federal Food, Drug, and Cosmetic Act. Significantly, the FDA agreed with CSPI that Mercola's statements on his website and elsewhere, including in articles, established that these products "are intended to mitigate, prevent, treat, diagnose, or cure COVID-19." [...]

## 4 CAMA Wellness Center/IodoRios Company, LLC - 613185 - 03/05/2021 - 2021-03-09

<b>Publication date</b>	2021-03-09
<b>Create date</b>	2021-03-11
<b>Score</b>	22.74
<b>Report id</b>	972321
<b>Category</b>	Antiviral others
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Unapproved and Misbranded Products Related to Coronavirus Disease 2019 (COVID-19)

Click here to see the [Original Article](#)

Table 8: Places for report 972321

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 9: Other Stories

ID	Title	Link
974207	FDA Flags Wipe Seller For COVID-19 Claims	<a href="#">Link</a>

Notes: [...] Some examples of the claims on your websites and/or labeling that establish the intended use of your product and misleadingly represent it as safe and/or effective for the treatment or prevention of COVID-19 include:

On a package insert that accompanies your product, under "WHEN SHOULD I REPLACE MY WIPE": "However due to COVID-19 being a readily communicable disease, to be safe, we'd like you to replace it when it starts to fade from jet black or have any discoloration. This would be a sign that its iodine, the active ingredient, is beginning to be depleted (and why we say "You can see it working!"). We are recommending this more conservative measure for the time being, while we pursue COVID-19 specific testing. Bear in mind that COVID-19 is an extremely easy virus to destroy outside the body, and the wipe has been tested on much tougher bugs." [...]

## 5 Wrong Court Redux – Novel Valsartan Predictions Defy Erie & Third Circuit Precedent - Food, Drugs, Healthcare, Life Sciences - United States

Publication date	2021-03-23
Create date	
Score	18.58
Report id	989254
Category	Antiviral others
Quality	Diverted/Unregistered
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: Wrong Court Redux – Novel Valsartan Predictions Defy Erie & Third Circuit Precedent - Food, Drugs, Healthcare, Life Sciences - United States Mondaq News Alerts

Click here to see the [Original Article](#)

Table 10: Places for report 989254

Region Name	Country	Location	Latitude	Longitude
Americas	United States	New York City	40.71427	-74.00597
Americas	Canada	Toronto	43.70011	-79.4163
Americas	United States	Philadelphia	39.95233	-75.16379

Table 11: Drugs for report 989254

Medicine Name	Medicine Class	Action	ATC Code
irbesartan	Angiotensin II antagonists, plain	angiotensin ii antagonists, plain	C09CA04
losartan	Angiotensin II antagonists, plain	angiotensin ii antagonists, plain	C09CA01
valsartan	Angiotensin II antagonists, plain	angiotensin ii antagonists, plain	C09CA03

Notes:

## 6 SafaLab, Inc. - 611233 - 02/18/2021 - 2021-03-04

<b>Publication date</b>	2021-03-04
<b>Create date</b>	2021-03-08
<b>Score</b>	17.10
<b>Report id</b>	965842
<b>Category</b>	Other
<b>Quality</b>	Diverted/Unregistered
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Unapproved and Misbranded Products Related to Coronavirus Disease 2019 (COVID-19)

Click here to see the [Original Article](#)

Table 12: Places for report 965842

Region Name	Country	Location	Latitude	Longitude
Americas	United States	City of Langley	48.03366	-122.40806
Americas	United States	Washington	47.50012	-120.50147

Notes: [...] Some examples of the claims on your websites that establish the intended use of The Prevention 12 Pak and misleadingly represent it as safe and/or effective for the treatment or prevention of COVID-19 include:

On your website [www.safalab.com/product/the-prevention-12-pak](http://www.safalab.com/product/the-prevention-12-pak):

"The Prevention 12 PAK – We are all worried about the spread of the Coronavirus (COVID-19) which kills vulnerable people by Acute Respiratory Distress Syndrome (ARDS). The WHO and FDA claim that there is no cure and no prevention. Integrative medical doctors and their informed patients disagree. Here is the essential 12 Pak to buy for each of your family members and loved ones. To learn the scientific and clinical rationale for each of these essential parts of the Prevention 12 Pak, click [HERE](#) to read this article by Bradford S. Weeks, M.D." [...]

## 7 National Consumer Protection Week: FDA Is Vigilant in Protecting Consumers Against COVID-19 Vaccine Scams - 2021-03-02

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-04-08
<b>Score</b>	16.76
<b>Report id</b>	962956
<b>Category</b>	Vaccine, Other
<b>Quality</b>	Falsified
<b>Source</b>	Unlicensed outlets
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: The FDA is well-equipped to identify and thwart medical product scams while vaccine distribution is underway throughout the country.

Click here to see the [Original Article](#)

Table 13: Places for report 962956

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 14: Drugs for report 962956

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: [...] In another case, an OCI agent went undercover to arrest a fraudster who was posing as a biotech expert. The suspect in this case claimed to have created an injectable COVID-19 vaccine that he offered to inject in customers for \$400-\$1,000 each. In early March 2020, undercover OCI agents contacted the suspect through social media posts. The suspect claimed he had developed and administered vaccines for cancer and COVID-19. Around the same time, the state of Washington Attorney General issued a cease and desist letter, telling the suspect to stop making claims and offering his "vaccine" for COVID-19. Undeterred, the suspect indicated to undercover agents the warning had just increased demand for his injections, which he now called an "immunogen" instead of a vaccine. Despite entering a consent decree with the state of Washington to stop selling his purported vaccines, the suspect continued to communicate

with the undercover OCI agent and traveled to Idaho to "vaccinate" the agent, where he was arrested. [...]

Additional information: In addition to some new information, this article refers to cases that the team has previously highlighted.

1) Case of the Georgie man selling misbranded drugs advertised to treat COVID-19 ->Report ID: 814170 (Fusion Health and Vitality Issues Voluntary Nationwide Recall of Core Essential Nutrients and Immune Boost Liquid Vitamin D3 - Press Release)

2) Case of The suspect that claimed to have created an injectable COVID-19 vaccine ->Report ID 578176 (US FDA issues warning letters to two groups for selling fake COVID-19 vaccines) and report ID 904241 (Seller of fake vaccine arrested in Seattle)

## 8 Patient given fake Tosilizumeb injection died: Gujarat govt

Publication date	2021-03-06
Create date	2021-03-09
Score	15.28
Report id	968653
Category	Other
Quality	Falsified
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: Patient given fake Tosilizumeb injection died: Gujarat govt Daijiworld.com

Click here to see the [Original Article](#)

Table 15: Places for report 968653

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	State of Gujarāt	23	71.75
Southern Asia	India	Ahmedabad	23.02579	72.58727

Table 16: Drugs for report 968653

Medicine Name	Medicine Class	Action	ATC Code
tocilizumab	Interleukin inhibitors	immunosuppressants	L04AC07

Table 17: Other Stories

ID	Title	Link
968941	Patient given fake corona injection died: Gujarat Govt	<a href="#">Link</a>

Notes: The Gujarat government on Saturday admitted in the state assembly that the Ahmedabad patient who was administered a dose of fake Tosilizumeb injection had died later. The state government had nabbed five involved in the manufacturing of the fake injections. Tosilizumeb, a costly drug, is believed to be vital in the corona infection treatment. Answering an unstarred question raised by Vankaner legislator Mohammed Pirzada, the Deputy Chief Minister and also the health minister, Nitin Patel replied that the Foods and Drugs Control Authority (FDCA)

had nabbed five persons believed to be involved in the manufacturing of fake Tosilizumeb injections on July 27, 2020. The manufacturers of the fake injection had prepared 30 vials of one ml into 250 milligrams off the fake drug.

The Minister also informed the House that all the 30 vials of the fake drug were sold in Ahmedabad district. Out of that, only one vial was administered to a female patient in a private hospital in Ahmedabad. [...]

## 9 Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2

<b>Publication date</b>	2021-03-26
<b>Create date</b>	2021-03-29
<b>Score</b>	12.29
<b>Report id</b>	994973
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Medical Product Alert N°2/2021: Falsified COVID-19 Vaccine BNT162b2 World Health Organization

Click here to see the [Original Article](#)

Table 18: Places for report 994973

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102

Table 19: Drugs for report 994973

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 20: Other Stories

ID	Title	Link
997089	Fake Pfizer COVID-19 Vaccine Found in Mexico	<a href="#">Link</a>
998725	WHO warns of fake Pfizer/BioNTech COVID vaccine in Mexico	<a href="#">Link</a>

Notes: This WHO Medical Product Alert refers to falsified COVID-19 Vaccine identified as "BNT162b2" detected in Mexico in February 2021 and recently confirmed as falsified to the WHO. The falsified product was supplied and administered to patients outside authorized vac-

ination programs.

This falsified COVID-19 Vaccine may still be in circulation in the region and may continue to be offered to patients outside authorized vaccination programs. [...]

## 10 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US

<b>Publication date</b>	2021-03-01
<b>Create date</b>	2021-03-02
<b>Score</b>	11.29
<b>Report id</b>	961443
<b>Category</b>	Antiseptic, Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Unspecified outlet
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: 'It gives a false sense of security'; CBP officers warn counterfeit COVID-19 products are still being sold in the US KVIA El Paso

Click here to see the [Original Article](#)

Table 21: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	<a href="#">Link</a>

Notes: A year into the pandemic, counterfeit COVID-19 products are still coming into the United States. Customs and Border Protection officers are offering tips for consumers to stay safe. Shipments of counterfeit Covid-19 products surged at the start of the pandemic. In one seizure in April, CBP officers seized more than 2,200 unlabeled counterfeit sanitizer products and 1,000 unlabeled and unmarked masks at the Bridge of the Americas. Officers say the surge has slowed down, but counterfeit products are still out there. Officers have seized counterfeit masks, sanitizer products, bleach and thermometers. The products might provide a false sense of security too. While some disinfectant products might contain 97% alcohol content, counterfeit versions may only contain 7%, according to Chief CBP Officer Adriana Carranza. [...]

## 11 Thai Army doctor sold fake Covid-19 vaccines to UN peacekeepers

Publication date	2021-03-02
Create date	2021-03-03
Score	10.58
Report id	962520
Category	Vaccine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Thai Army doctor sold fake Covid-19 vaccines to UN peacekeepers The Straits Times

Click here to see the [Original Article](#)

Table 22: Places for report 962520

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Thailand	Bangkok	13.75398	100.50144

Table 23: Drugs for report 962520

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 24: Other Stories

ID	Title	Link
962568	Thai army medic accused of injecting troops with fake Covid-19 vaccine during UN mission	<a href="#">Link</a>
962670	Army confirms news about vaccine fraud involving its doctor	<a href="#">Link</a>
963493	Thai Army doctor sold fake anti-Covid shots to UN peacekeepers, injected them with water	<a href="#">Link</a>
963683	Bangkok Military Court issues arrest warrant for medic accused of injecting troops with fake Covid-19 vaccine	<a href="#">Link</a>

Table 24: Other Stories(continued)

ID	Title	Link
973762	Thailand News Today   Dodgy vaccine doctor nabbed,Pattaya club raided for 'explicit' shows   March 3	<a href="#">Link</a>

Notes: The Thai military has confirmed that an army doctor had injected United Nations peacekeeping troops in South Sudan with water instead of vaccines.

The doctor had told the peacekeeping troops that the shots were flu vaccines that could protect against Covid-19, said military commander Chalermopol Srisawat. The medic administered the injections to 273 soldiers, charging each person US\$20 (S\$27) for the fake vaccination. A soldier became suspicious after noticing that the bottles used in the scam were unlabelled. He alerted his superiors, who found that the bottles contained plain water. [...]

## 12 COVID-19 test kit glitch: Reports of 25 VSSUT students erroneous

<b>Publication date</b>	2021-03-02
<b>Create date</b>	2021-03-03
<b>Score</b>	9.87
<b>Report id</b>	962427
<b>Category</b>	Medical device for screening/diagnosis/monitoring
<b>Quality</b>	Substandard
<b>Source</b>	Other
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: COVID-19 test kit glitch: Reports of 25 VSSUT students erroneous Sambad English

Click here to see the [Original Article](#)

Table 25: Places for report 962427

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Bhubaneswar	20.27241	85.83385

Table 26: Other Stories

ID	Title	Link
963184	VSSUT Students Not COVID Positive, Faulty Kits Responsible: Odisha ACS Health	<a href="#">Link</a>
963754	Odisha issues showcause notice to kit supplier for false Covid positive results	<a href="#">Link</a>
999441	'Faulty Kits' For Covid Test At VSSUT: OSMC Issues Show-Cause Notices To 2 Firms	<a href="#">Link</a>

Notes: [...] Mohapatra said, "Not a single student of VSSUT has tested positive for the virus. The test reports which had come out earlier were false as the antigen kits were faulty. When the same students underwent RT-PCR test, their reports came negative." The test kits will be withdrawn and the Health Department will verify the same. Besides, the district administration is also likely to withdraw the precautionary measures, including declaration of containment zone, informs sources.

## 13 Scammers are Selling Fake COVID-19 Vaccines for up to \$1,200

<b>Publication date</b>	2021-03-04
<b>Create date</b>	2021-03-09
<b>Score</b>	9.66
<b>Report id</b>	965729
<b>Category</b>	Vaccine
<b>Quality</b>	Falsified
<b>Source</b>	Website(s)
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Scammers are Selling Fake COVID-19 Vaccines for up to \$1,200 IT News Africa

Click here to see the [Original Article](#)

Table 27: Places for report 965729

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	United Kingdom of Great Britain and Northern Ireland	54.75844	-2.69531
Americas	United States	United States	39.76	-98.5
Europe	Germany	Federal Republic of Germany	51.5	10.5
Europe	France	Republic of France	46	2

Table 28: Drugs for report 965729

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 29: Other Stories

ID	Title	Link
966396	COVID-19 vaccine doses have been sold on the dark web. Are they real?	<a href="#">Link</a>
967256	Dark Web Sells COVID-19 Vaccines with No Verification	<a href="#">Link</a>

Table 29: Other Stories(continued)

ID	Title	Link
967420	Vaccinations Pick Up Pace, But Real Doses Are Found On The Dark Web	<a href="#">Link</a>
968637	Real COVID-19 vaccine shots are being sold on the black market for up to \$1,200 a dose, a study finds	<a href="#">Link</a>
973111	COVID-19 vaccines stolen and sold on the dark web	<a href="#">Link</a>
974426	Illegal sales of coronavirus vaccines are surging online —but are the vaccines real?	<a href="#">Link</a>
974464	COVID-19 vaccines being sold on dark web	<a href="#">Link</a>
989034	Fake COVID Vaccine Certificates And Real Vaccines Are For Sale on Dark Web	<a href="#">Link</a>

Notes: Underground scammers are selling fake COVID-19 vaccines. The majority of sellers originated in France, Germany, the UK, and the USA, and the prices per dose range from \$250 to \$1,200, with an average cost of about \$500.

Scammers and buyers usually get in contact via encrypted messaging apps like Wickr and Telegram, while payments are requested in the form of cryptocurrency, primarily Bitcoin. The majority of these underground sellers have made between 100-500 transactions.

With the information available to Kaspersky experts, it's impossible to tell how many doses of the vaccine being advertised online are actual doses (many medical facilities have found themselves with leftover doses) and how many advertisements are a scam. [...]

## 14 Fake COVID test kits seized in Mexicali

<b>Publication date</b>	2021-03-29
<b>Create date</b>	2021-04-01
<b>Score</b>	9.21
<b>Report id</b>	997593
<b>Category</b>	Medical device for screening/diagnosis/monitoring
<b>Quality</b>	Falsified
<b>Source</b>	Not applicable
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Fake COVID test kits seized in Mexicali KYMA

Click here to see the [Original Article](#)

Table 30: Places for report 997593

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexicali	32.62781	-115.45446

Notes: Transportation Security Administration officials seized more than 5,000 fake COVID-19 testing kits over the weekend.

TSA officials and the National Guard turned over the fake tests to the State Commission for Protection against Sanitary Risks (COEPRIS).

The tests were from China and were packaged in a cardboard box, ready to be sold in the city. COEPRIS official Marco Aurelio G3mez said that there had been several seizures of covid tests that are illegally introduced in recent months, as well as medicines that are not regulated.

## 15 15 indicted for alleged production, sale of counterfeit masks

<b>Publication date</b>	2021-03-18
<b>Create date</b>	2021-03-19
<b>Score</b>	7.55
<b>Report id</b>	984242
<b>Category</b>	Medical devices for disease prevention
<b>Quality</b>	Falsified
<b>Source</b>	Clandestine laboratory
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: 15 indicted for alleged production, sale of counterfeit masks Focus Taiwan News Channel

Click here to see the [Original Article](#)

Table 31: Places for report 984242

Region Name	Country	Location	Latitude	Longitude
Eastern Asia	Taiwan	Tainan	22.99083	120.21333

Notes: Fifteen people connected to two companies were indicted Thursday in Tainan for alleged collusion in the production and sale of face masks labeled as made by a domestic manufacturer requisitioned by the government to produce masks in the wake of the COVID-19 pandemic. About 1.413 million masks falsely labeled as having been produced by Tainan-based Formosa Energy Carbon Co., Ltd., Taiwan (TWEC) have been sold, with approximately NT\$19.17 million (US\$674,829) in illegal gains reaped in the process, Tainan District Prosecutors Office said Thursday. [...] The face masks produced by the underground plant were placed in the same blue boxes used by TWEC to boost sales. [...]

## 16 Corona vaccine stolen in Services, wasted in Mozang hospital

Publication date	2021-03-31
Create date	2021-04-05
Score	6.97
Report id	1001109
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Corona vaccine stolen in Services, wasted in Mozang hospital The News International

Click here to see the [Original Article](#)

Table 32: Places for report 1001109

Region Name	Country	Location	Latitude	Longitude
Southern Asia	Pakistan	Lahore	31.558	74.35071

Table 33: Drugs for report 1001109

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 34: Other Stories

ID	Title	Link
1004384	Corona vaccine stolen in Services, wasted in Mozang hospitals	<a href="#">Link</a>

Notes: Around 900 doses of corona vaccine have been misappropriated and wasted in two hospitals in Lahore.

According to details, as many as 550 COVID-19 vaccine doses have allegedly been disappeared from the stock in the Services Hospital while 350 jabs have been wasted owing to poor storage in the Mozang Hospital, a tehsil headquarters hospital.

Hospital sources say as many as 550 doses of vaccines have been missing from the official record of the Services Hospital. These doses have allegedly been administered to bigwigs, close friends and relatives during the tenure of former medical superintendent Dr Saleem Cheema in the hospital. The sources claim that these vaccines have been administered to some VIPs and bureaucrats at their residences and federal minister Tariq Bashir Cheema and his family members are probably among the beneficiaries. [...]

## 17 2 Israelis detained on suspicion of selling used COVID vaccine vials

Publication date	2021-03-03
Create date	2021-03-11
Score	6.79
Report id	975656
Category	Vaccine
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Police say investigators aware of at least 9 empty bottles sold by the suspects to overseas buyers for \$100 a pop. Police detained two Israelis Wednesday on suspicion of selling used vials of Pfizer-BioNTech's coronavirus vaccine to buyers overseas.

Click here to see the [Original Article](#)

Table 35: Places for report 975656

Region Name	Country	Location	Latitude	Longitude
Western Asia	Israel	State of Israel	31.5	34.75

Notes: Police detained two Israelis Wednesday on suspicion of selling used vials of Pfizer-BioNTech's coronavirus vaccine to buyers overseas. The two central Israel residents, aged 45 and 19, are suspected of negligent care with medication, violating the pharmacists' ordinance and stealing from an employer. Police said as part of his work, one of the suspects had access to empty vaccine vials and took some home to sell on the internet, which a relative helped him with. Each bottle could fetch \$100, according to a police statement. Investigators were aware of at least nine vials sold to buyers, seven of whom were in the United States. The other two were in France and Italy. It wasn't clear what the buyers planned to do with the empty vials, dozens of which police said were found during a search of the suspect's home. Police said the investigation was being carried out jointly with the Health Ministry.

## 18 Drug Task Force Reports Seizing 5K Fentanyl Pills

<b>Publication date</b>	2021-03-30
<b>Create date</b>	2021-04-01
<b>Score</b>	5.81
<b>Report id</b>	999065
<b>Category</b>	Opioid
<b>Quality</b>	Falsified
<b>Source</b>	Street vendors
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Drug Task Force Reports Seizing 5K Fentanyl Pills North Coast Journal

Click here to see the [Original Article](#)

Table 36: Places for report 999065

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Humboldt	40.70501	-123.91582

Table 37: Drugs for report 999065

Medicine Name	Medicine Class	Action	ATC Code
oxycodone and paracetamol	Opioids in combination with non-opioid analgesics	opioids	N02AJ17

Table 38: Other Stories

ID	Title	Link
1019831	HumCo Fentanyl Overdoses Coming at "Staggering" Rate in 2021	<a href="#">Link</a>
1021373	Humboldt County warns fentanyl deaths are on the rise	<a href="#">Link</a>
1021430	Six Dead of Fentanyl Overdose Last Month Alone, Says Sheriff's Office in Alert Issued to Humboldt County Citizens	<a href="#">Link</a>
1022253	Humboldt County sees dangerous rise in fentanyl circulation and related overdose deaths	<a href="#">Link</a>

Notes: The Humboldt County Drug Task Force reported today making a handful of arrests and seizing more than 5,000 counterfeit Percocet pills containing fentanyl after a weeks-long investigation initiated after multiple fentanyl overdoses were reported in the Hoopa Valley. [...] Agents contacted the men and served as each warrant on Medina's vehicle and reported finding a total of 5,002 "perc30" fentanyl pills. A passenger and an infant were also in Medina's vehicle, according to the press release. [...]

## 19 Man arrested for homicide in death of 26-year-old friend who overdosed from fentanyl-laced pills

<b>Publication date</b>	2021-03-20
<b>Create date</b>	2021-03-23
<b>Score</b>	5.57
<b>Report id</b>	988817
<b>Category</b>	Opioid
<b>Quality</b>	Falsified
<b>Source</b>	Unlicensed outlets
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Man arrested for homicide in death of 26-year-old friend who overdosed from fentanyl-laced pills Q13 FOX (Seattle)

Click here to see the [Original Article](#)

Table 39: Places for report 988817

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Bellevue	47.61038	-122.20068

Table 40: Drugs for report 988817

Medicine Name	Medicine Class	Action	ATC Code
oxycodone and paracetamol	Opioids in combination with non-opioid analgesics	opioids	N02AJ17

Notes: [...] Bellevue Police arrested the suspect, 26-year-old Ryuji Kawashima on Wednesday, accused of selling fentanyl-laced Percocet pills, or M30 or Blues, to his friend who died from an overdose of the fake pills. In a release from Bellevue Police, the 26-year-old man died on June 12, 2020, due to a drug overdose from fentanyl-laced Percocet pills. Investigators say the victim purchased the pills from his friend, the suspect on June 12th. The victim and his girlfriend both consumed the pills. Only the victim's pills of the two had a fatal dose of fentanyl, according to police. [...]

## 20 Officials warn of fake prescription pills | Local News | cleburnetimesreview.com

<b>Publication date</b>	2021-03-22
<b>Create date</b>	2021-03-23
<b>Score</b>	4.91
<b>Report id</b>	988276
<b>Category</b>	Opioid
<b>Quality</b>	Falsified
<b>Source</b>	Street vendors
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: Officials warn of fake prescription pills | Local News | cleburnetimesreview.com Cleburne Times-Review

Click here to see the [Original Article](#)

Table 41: Places for report 988276

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Maypearl	32.3132	-97.01167
Americas	United States	Cleburne	32.34764	-97.38668
Americas	United States	Kansas	38.50029	-98.50063
Americas	United States	Texas	31.25044	-99.25061

Table 42: Drugs for report 988276

Medicine Name	Medicine Class	Action	ATC Code
oxycodone	Natural opium alkaloids	opioids	N02AA05
oxycodone and paracetamol	Opioids in combination with non-opioid analgesics	opioids	N02AJ17

Notes: Local law enforcement officials warn residents, especially parents, to be aware of counterfeit Oxycodone pills that appear to be laced with Fentanyl.

Maypearl ISD Police Chief West Warren addressed the issue in a Friday Facebook post.

In his post, Warren wrote that he has been notified that two students from Venus High School

were hospitalized this week after taking "M/30 blue colored, circular pills that were probably laced with Fentanyl." [...] Johnson County Stop the Offender Program Special Crimes Unit Commander Larry Sparks said the pills are commonly referred to as Perc/30 and typically blue or green in color. [...] Drug cartels and/or drug dealers with pill pressers instead manufacture counterfeit Percocet pills containing Fentanyl rather than Oxycodone, which, unfortunately, often leads to disastrous results for unsuspecting buyers. [...] Cleburne Police Chief Rob Severance said he's aware of the situation.

"Fortunately, our officers have not encountered any of these tragic situations yet," Severance said. "Certainly we urge everyone not to take any prescription medications unless they're specifically prescribed to you. We also urge the community to be aware of these counterfeit drug situations and for parents to talk to their children about the dangers of taking any illegal drugs. [...]"

## 21 If You Have These Supplements at Home, the FDA Says "Destroy Them"

<b>Publication date</b>	2021-03-27
<b>Create date</b>	2021-03-30
<b>Score</b>	4.42
<b>Report id</b>	995345
<b>Category</b>	Nutritional supplement
<b>Quality</b>	Substandard
<b>Source</b>	Manufacturer
<b>Curation</b>	Manually curated
<b>Incident or General</b>	Incident

Snippet: If You Have These Supplements at Home, the FDA Says "Destroy Them" Yahoo Lifestyle

Click here to see the [Original Article](#)

Table 43: Places for report 995345

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 44: Other Stories

ID	Title	Link
1009609	Public Notification: Imperial Extreme 2000 contains hidden drug ingredients - 2021-04-06	<a href="#">Link</a>

Notes: [...] According to a recall notice issued by the U.S. Food and Drug Administration (FDA) on March 25, Imperial Extreme 2000mg was voluntarily recalled after the product was found to contain undeclared sildenafil and tadalafil. These two ingredients, known as phosphodiesterase (PDE-5) inhibitors, are found in FDA-approved prescription medications used to treat male erectile dysfunction, including Viagra and Cialis. However, their undeclared status means that they have been untested alongside the product's other ingredients, and thus present a potential hazard by FDA standards. [...]

## 22 Public Notification: Rhino SE7EN2 contains hidden drug ingredients - 2021-03-05

Publication date	2021-03-05
Create date	2021-03-09
Score	4.33
Report id	967813
Category	Nutritional supplement
Quality	Substandard
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: The Food and Drug Administration is advising consumers not to purchase or use Rhino SE7EN2, a product promoted and sold for sexual enhancement on various websites and possibly in some retail stores.

Click here to see the [Original Article](#)

Table 45: Places for report 967813

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Table 46: Other Stories

ID	Title	Link
967814	Public Notification: Titanium 18K contains hidden drug ingredients - 2021-03-05	<a href="#">Link</a>
967815	Public Notification: Stiff Rox contains hidden drug ingredients - 2021-03-05	<a href="#">Link</a>

Notes: [...] FDA laboratory analysis confirmed that Rhino SE7EN2 contains sildenafil and tadalafil, the active ingredients in the FDA-approved prescription drugs Viagra and Cialis, respectively, used to treat erectile dysfunction. FDA approvals of Viagra and Cialis are restricted to use under the supervision of a licensed health care professional. These undeclared ingredients may interact with nitrates found in some prescription drugs, such as nitroglycerin, and may lower blood pressure to dangerous levels. People with diabetes, high blood pressure, high cholesterol, or heart disease often take nitrates. [...]

## 23 Public Notification: Zing Plus contain hidden drug ingredient - 2021-03-29

Publication date	2021-03-29
Create date	2021-04-01
Score	4.33
Report id	997310
Category	Nutritional supplement
Quality	Substandard
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: The Food and Drug Administration is advising consumers not to purchase or use Zing Plus, a product promoted and sold for sexual enhancement on various websites, including www.amazon.com, and possibly in some retail stores.

Click here to see the [Original Article](#)

Table 47: Places for report 997310

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Notes: [...] FDA laboratory analysis confirmed that Zing Plus contains sildenafil, the active ingredient in Viagra, an FDA-approved prescription drug for erectile dysfunction. FDA's approval of Viagra is restricted to use under the supervision of a licensed health care professional. This undeclared ingredient may interact with nitrates found in some prescription drugs, such as nitroglycerin, and may lower blood pressure to dangerous levels. People with diabetes, high blood pressure, high cholesterol, or heart disease often take nitrates. [...]

## 24 Public Notification: 2 Own The Knight Silver 4000 contains hidden drug ingredients - 2021-03-05

Publication date	2021-03-05
Create date	2021-03-09
Score	4.23
Report id	967816
Category	Nutritional supplement
Quality	Substandard
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: The Food and Drug Administration is advising consumers not to purchase or use 2 Own The Knight Silver 4000, a product promoted and sold for sexual enhancement on various websites and possibly in some retail stores.

Click here to see the [Original Article](#)

Table 48: Places for report 967816

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Notes: [...] FDA laboratory analysis confirmed that 2 Own The Knight Silver 4000 contains sildenafil and tadalafil, the active ingredients in the FDA-approved prescription drugs Viagra and Cialis, respectively, used to treat erectile dysfunction. FDA approvals of Viagra and Cialis are restricted to use under the supervision of a licensed health care professional. These undeclared ingredients may interact with nitrates found in some prescription drugs, such as nitroglycerin, and may lower blood pressure to dangerous levels. People with diabetes, high blood pressure, high cholesterol, or heart disease often take nitrates. [...]

## 25 Public Notification: Furious X 1350 contains hidden drug ingredients - 2021-03-29

Publication date	2021-03-29
Create date	2021-04-01
Score	4.23
Report id	997309
Category	Nutritional supplement
Quality	Substandard
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: The Food and Drug Administration is advising consumers not to purchase or use Furious X 1350, a product promoted and sold for sexual enhancement on various websites, including [www.amazon.com](http://www.amazon.com), and possibly in some retail stores.

Click here to see the [Original Article](#)

Table 49: Places for report 997309

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Notes: [...] FDA laboratory analysis confirmed that Furious X 1350 contains sildenafil and tadalafil, the active ingredients in the FDA-approved prescription drugs Viagra and Cialis, respectively, used to treat erectile dysfunction. FDA approvals of Viagra and Cialis are restricted to use under the supervision of a licensed health care professional. These undeclared ingredients may interact with nitrates found in some prescription drugs, such as nitroglycerin, and may lower blood pressure to dangerous levels. People with diabetes, high blood pressure, high cholesterol, or heart disease often take nitrates. [...]

## 26 Public Notification: Yin-Yang Essence Men Power contains hidden drug ingredients - 2021-03-29

Publication date	2021-03-29
Create date	2021-04-01
Score	4.15
Report id	997311
Category	Nutritional supplement
Quality	Substandard
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: The Food and Drug Administration is advising consumers not to purchase or use Yin-Yang Essence Men Power, a product promoted and sold for sexual enhancement on various websites, including [www.ebay.com](http://www.ebay.com), and possibly in some retail stores.

Click here to see the [Original Article](#)

Table 50: Places for report 997311

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Notes: [...] FDA laboratory analysis confirmed that Yin-Yang Essence Men Power contains sildenafil and tadalafil, the active ingredients in the FDA-approved prescription drugs Viagra and Cialis, respectively, used to treat erectile dysfunction. FDA approvals of Viagra and Cialis are restricted to use under the supervision of a licensed health care professional. These undeclared ingredients may interact with nitrates found in some prescription drugs, such as nitroglycerin, and may lower blood pressure to dangerous levels. People with diabetes, high blood pressure, high cholesterol, or heart disease often take nitrates. [...]

## 27 Recall round-up: vitamin A, B17 and red rice supplements

Publication date	2021-03-19
Create date	2021-03-23
Score	3.62
Report id	987988
Category	Vitamin, Nutritional supplement
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: Recall round-up: vitamin A, B17 and red rice supplements NutraIngredients.com

Click here to see the [Original Article](#)

Table 51: Places for report 987988

Region Name	Country	Location	Latitude	Longitude
Europe	Czech Republic	Czechia	49.75	15
Europe	Spain	Kingdom of Spain	40	-4
Central Africa	Chad	Republic of Chad	15	19

Table 52: Drugs for report 987988

Medicine Name	Medicine Class	Action	ATC Code
vitamin A concentrates	Tests for fat absorption	other diagnostic agents	V04CB01

Table 53: Other Stories

ID	Title	Link
988430	Recall round-up: Vitamin A, B17 and red rice supplements	<a href="#">Link</a>

Notes: [...] Health authorities in Spain have used the European Food Alert Network (RASFF), to alert countries of the presence of unlabelled soy in the food supplement, Cholkur Advance. The product, a supplement containing Monacolin K extracted from red rice, is said to help maintain healthy blood cholesterol levels and promote weight loss. The lot in question '0599'

is available in packs of 30 tablets (550 mg) with a best before date of 09/30/2023. [...] Staying with AESAN, the agency has notified consumers of the withdrawal of Vicapplus capsules, a food supplement found to contain sildenafil and tadalafil, not declared on its labelling [...] The product Vicapplus capsules are distributed by Natural Innova and are available in packs of 4 capsules [...] The Czech Agriculture and Food Inspection Authority (CAFIA) has identified ProfiVit Vitamin B17 supplements as containing a high content of amygdalin. The product, available in packs of 210 capsules, is produced by the Slovakian firm ProFivit s.r.o., where CAFIA officials took the sample from the Czech-based website '<https://enerex-vitaminy.cz>.' [...] Finally, the World Health Organisation (WHO) issued a product alert earlier in the month warning of two batches of vitamin A that were deemed as 'severely degraded and underdosed.' The batches, which were supplied to patients in Chad, were found to have carried now-defunct logos, specifically the WHO Essential Drugs Programme logo and the Micronutrient Initiative logo. WHO officials confirmed the products as falsified due to the variable data (batch number and expiry dates) of these products that did not correspond to genuine manufacturing records. [...]