

Medical Product Quality Report – COVID-19 Issues

Issue 9. February 2021

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Centre of Tropical Medicine & Global Health, Nuffield Department of Medicine,
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1. Summary of findings

In this February 2021 issue, we report on 55 new alerts on COVID-19 products on the Medicines Quality Monitoring Globe. Almost half of the alerts (24), concerned diverted, substandard or falsified (SF) COVID-19 vaccines. Out of the 24 articles on vaccine incidents, two were on degradation issues, 5 were on stolen COVID-19 vaccines and the remaining articles were on falsified vaccines or injections with purported COVID-19 vaccines. Falsified vaccines were directly offered to the population but the European Anti-Fraud Office (OLAF) warned that criminals are also approaching national (and regional) authorities.

Although the number of SF alerts on non-vaccine COVID-19 product categories has declined, incidents continue to occur. For example, previously multiple governments have experienced issues with SF masks and in February 2021, one year into the pandemic, the saga continues with reports by the Canadian, USA and Belgian authorities. Throughout February 2021, there were reports of falsified 3M masks, especially in the USA. The company continues to struggle with criminals targeting 3M products and putting falsified versions in the market. Health Canada updated their list of recalled hand sanitisers that may pose health risk to their population and the US FDA continued to send warning letters to manufacturers of SF hand sanitisers.

We urgently need joined-up interventions to reduce the risk of SF COVID-19 medical products on global public health, and more specifically COVID-19 vaccines, through significant enhancements in global capacity for their prevention, detection and response.

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 medicinal 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)¹:

- **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’² and ‘pirated copyright goods’³ as used in the Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement.

The reports presented here were mostly extracted from the Medicines Quality Monitoring Globe ([the MQM Globe is accessible on the IDDO website](#)⁴), 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

¹Source: 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

²*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#fnt-14

³*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.

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

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

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](#)⁵); 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 ninth issue of the monthly report 'Medical Product Quality Report – COVID-19 Issues' covers information published during the month of February 2021. The previous issues covered publications from January 1st 2020 to January 31th 2021 are available on the IDDO⁶ and MORU⁷ websites. We also include publications and reports published prior to February 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).

3. Scientific literature

A. General

[Preprint] Assefa D, Gudeta T. **Utilization of Alcohol-Based Hand Sanitizers and Associated Health Risks among Healthcare Workers during the COVID-19 Pandemic: A Cross-sectional Study.** *Preprint*. Published online February 18, 2021. doi:10.21203/rs.3.rs-205442/v1

Extract. « According to the present study, due to the reported substandard ABHSS [alcohol-based hand sanitizers] products in the market, getting the product with approved quality was becoming a major problem. The respondents mostly purchased from pharmacy 50 (52.1%), shop 11 (11.5%), another area 1, and obtained from their institution 34 (35.4%). »

Davlanges E, Tippins A, Espinosa C, et al. **Mitigating SARS-CoV-2 Transmission in Hispanic and Latino Communities—Prince William Health District, Virginia, June 2020.** *J Racial Ethn Heal Disparities*. Published online February 4, 2021:1-9. doi:10.1007/s40615-021-00968-y

Extract. « However, 46% of survey respondents reported difficulty adhering to COVID-19 prevention practices. Most commonly reported difficulties were an inability to social distance at work (27%) or at essential service providers such as grocery stores or laundromats (17%). An additional constraint reported was procuring masks, gloves, disinfectants, and other cleaning

⁵Infectious 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>

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

⁷MORU 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>

supplies; qualitative evaluation participants described prolonged stockouts at local stores, price gouging, and poor-quality items for sale. Participants compensated for this by reusing items they knew should not be reused (disposable masks and gloves) and substituting with household materials (vinegar as disinfectant, pantyliners as mask filters). »

Dellasega M, Vorrath J. **A Gangster's Paradise? Transnational Organised Crime in the Covid-19 Pandemic.** *Stift Wiss und Polit - SWP.* 2020;(66):1-9.

doi:10.18449/2020C66

Abstract. « Since the outbreak of the Covid-19 pandemic, certain illegal business practices, such as the trade in counterfeit medical products, have been experiencing a boom. Other typical sources of income for organised crime (OC) temporarily dried up due to lock-downs, travel restrictions and border closures. With the changing infection dynamics and increasingly localised countermeasures, the situation has demanded constant adaptation from many businesses – and criminal organisations are no exception. The effects of the pandemic on OC are not only short-lived, however: the economic, social and political consequences can also impact OC in the medium term. In addition to shifts in illegal (drug) markets, the potential for criminal exploitation could increase as a result of the health crisis and the influence of criminal groups on the state and society could grow. Some of these developments are already visible. The associated risks require increased scrutiny by political decision-makers and law enforcement agencies and more targeted international cooperation. »

Dyer C. Covid-19: **Government wasted millions on poor quality PPE, spending watchdog finds.** *Br Med J.* 2021;372:n399. doi:10.1136/bmj.n399

Extract. « The UK government wasted hundreds of millions of pounds of taxpayers' money on poor quality and unusable personal protective equipment (PPE) while leaving frontline workers insufficiently protected from covid-19, the parliamentary public spending watchdog has concluded.[...] The report highlighted "the appalling situation of staff having to care for people with covid-19 or suspected covid-19 without sufficient PPE to protect themselves from infection." The committee heard "compelling evidence from organisations representing frontline workers that stocks ran perilously low, single use items were reused, some was not fit for purpose—including reports of expired, substandard, deficient or even insect-infected supplies—and staff were in fear that they would run out. »

Forouzandeh P, O'Dowd K, Pillai SC. **Face masks and respirators in the fight against the COVID-19 pandemic: An overview of the standards and testing methods.** *Saf Sci.* 2021;133:104995. doi:10.1016/j.ssci.2020.104995

Abstract. « The COVID-19 outbreak has resulted in a shortage of personal protective equipment (PPE) throughout the world. This shortage has resulted in an increase in production of PPE to meet the demand, and as a result, several substandard equipment has entered the market. With face masks and respirators now beginning to see widespread use throughout the world, the standards and test with which they are required to undertake have become points of interest. The filtration efficiency of the masks is a key testing element that examines its ability to filter particles, bacteria and viruses; this examines the penetration efficiency percentage of each with lower results being preferable. Masks are also subjected to NaCl testing method, which allows a range of particle sizes to be examined and their penetration to be observed. The masks must also show considerable resistance to fluids and flames, to prevent the penetration of liquids and to be non-flammable. Various PPE testing protocols such as biological, chemical, fluid and flame resistances, protective ensemble, facepiece fit testing, NIOSH NaCl method and impact protection have been discussed. In addition, various tests involving bacterial and viral filtration efficiencies are also discussed. Differential pressure is examined to ascertain the comfort, airflow and breathability of the masks, whilst fit testing is examined to ensure a correct fit of the mask. »

Ippolito M, Ramanan M, Bellina D, et al. **Personal protective equipment use by healthcare workers in intensive care unit during the early phase of COVID-19**

pandemic in Italy: a secondary analysis of the PPE-SAFE survey. *Ther Adv Infect Dis.* 2021;8:1-10. doi:10.1177/2049936121998562

Extract. « *The Chinese outbreak caused a lack of supplies in non-producer countries, like Italy, and this could explain the need for an extended use of PPE, in order to prevent stock failures. Avoiding shortages of supplies is pivotal, especially during public health emergencies, when risky phenomena, such as counterfeiting or use of unregistered PPE, may rapidly spread and further reduce safety.* »

Jung J. Preparing for the Coronavirus Disease (COVID-19) Vaccination: Evidence, Plans, and Implications. *J Korean Med Sci.* 2021;36(7).

doi:10.3346/jkms.2021.36.e59

Extract. « *Major countries are operating vaccine safety monitoring systems, but are strengthening their organizations and systems specifically to respond to COVID-19. The United States has already established a surveillance system, such as V-safe, and the baseline of adverse reactions is constantly being monitored and measured through the vaccine safety datalink. The UK collects vaccine adverse events through the 'yellow card scheme' and has created a specialized internet-based reporting tool for COVID-19. [...] The Yellow Card Scheme, The Medicines and Healthcare products Regulatory Agency: The system collects and monitors information on safety concerns about medicines, medical devices and e-cigarettes. This includes all adverse events as well as concerns related to product quality or counterfeit products. System contains COVID-19 yellow card reporting page.* »

Oliver D. Covid-19: NHS trusts deny restricting PPE during pandemic. *BMJ.* 2021;372:n442. doi:10.1136/bmj.n442

Extract. « *NHS trusts have denied issuing instructions to staff to restrict their use of personal protective equipment (PPE) during the pandemic, despite hundreds of reports from doctors that trusts did so last year. Trusts also denied that they had issued warnings to staff who had raised concerns about PPE supplies being inadequate, despite reports from doctors that this had happened, an investigation by The BMJ has found. Many trusts said that they had reminded staff periodically of the need to adhere to locally adopted national guidelines from national organisations such as Public Health England over PPE specification and to use PPE wisely or appropriately. The UK parliamentary public spending watchdog reported this week that the government had wasted hundreds of millions of pounds on poor quality and unusable PPE that left frontline workers insufficiently protected from covid-19.* »

Rahaman MM. Deconstructing free trade: An analysis of the implications of the disruption on global medical supply chains during the COVID-19 crisis.

Published online 2020. Accessed March 17, 2021. <https://www.diva-portal.org/smash/get/diva2:1522359/FULLTEXT02.pdf>

Extract. « *Another problem emerging from the affected medical supply chain is the proliferation of falsified and substandard medical products. A decreasing supply of medical products coupled with a worsening pandemic created a problem of a sudden increase in inferior medical products. [...] Panic buying present opportunities for fraudsters to fill the gap between overwhelming demand and shortage of supply. The pandemic has made it incredibly easy for fraudsters to get away with and profit from falsified medical products. Some of the scammers include new suppliers who had previously been denied government authorization. The urgency of the problem and the inability to travel to fields of operations for quality audits to expose health systems to fake medical products. At the same time, while government regulators may be conscious of these risks, political pressure to deliver goods often lead to fast-tracked approval of products. [...] The insights outlined in this section have demonstrated the vulnerabilities of developing countries in accessing Covid-19 health supplies. After lagging behind their counterparts during the initial response to the pandemic, they are now at risk of being left behind in access to vaccines. As such, this literature has demonstrated the need for aligning international trade and global supply chains with their health improvement initiatives.* »

Valcheva KS. **Prosecution and public awareness: key lines of defence against falsified medicinal products during pandemic.** Knowl - Int J. 2020;40(1):279-284. Accessed March 12, 2021. <https://ikm.mk/ojs/index.php/KIJ/article/view/3895/3745>

Extract. « *The medicinal shortages combined with the lack of awareness in the society pose serious threat as panicked people turn to unauthorised and dangerous sources to buy pharmaceuticals and medical products. Their irrational and dangerous behaviour facilitate and significantly contribute to the uncontrolled spread of fakes as Internet provides perfect conditions for the unscrupulous dealers. The public is overwhelmed by a constant flow of disinformation that contain misleading and potentially dangerous recommendations and online offers for —miracle cures. The disrupted legitimate supply chains provide further options for illegal structures to exploit the fear of the society and profiteer from the global crisis. [...] If policymakers engage more actively to strengthen their legal and regulatory frameworks against falsified medicinal products, their efforts would result in better preparedness and response in case of future health crises and in increased trust in governments and healthcare systems.* »

Additional publications from prior to February 2021

Jairoun AA, Al-Hemyari SS, Shahwan M. **The pandemic of COVID-19 and its implications for the purity and authenticity of alcohol-based hand sanitizers: The health risks associated with falsified sanitizers and recommendations for regulatory and public health bodies.** Res Soc Adm Pharm. 2021;17(1):2050-2051. doi:10.1016/j.sapharm.2020.04.014

Abstract. « *With the beginning of the pandemic of COVID-19 throughout the world, the demand and consumption of hand sanitizers has increased, which had led to a sharp crunch in these products at all levels. This shortage has led to an increase in the prevalence of falsified alcohol-based hand sanitizers, including the illegal addition of methanol to hand sanitizers and the production of hand sanitizers with an alcohol concentration of less than 60%. These findings indicate that regulatory and public health bodies should take an active role in ensuring the safety and quality of antimicrobial products such as alcohol-based hand sanitizers at every stage of the products' lifecycle, including distribution, manufacture and import.* »

B. Seizures/Surveys/Case Reports/Reviews

[Preprint] Bracci A, Nadini M, Aliapoulos M, et al. **Dark Web Marketplaces and COVID-19: The vaccines.** Published online February 26, 2021. Accessed March 11, 2021. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3783216

Abstract. « *The ongoing COVID-19 vaccination campaign has so far targeted less than 3% of the world population, and even in countries where the campaign has started many citizens will not receive their doses for many months. There is clear evidence that previous shortages of COVID-19 related goods (e.g., masks and COVID-19 tests) and services pushed customers, and vendors, towards illicit online trade occurring on dark web marketplaces. Is this happening also with vaccines? Here, we report on our effort to continuously monitor 102 dark web marketplaces. By February 26, we found 33 listings offering a COVID-19 vaccine, seven of which offering officially approved vaccines. The number of currently active listings is 11, including one listing selling the Pfizer/BioNTech vaccine, one listing the AstraZeneca/Oxford vaccine, and 9 listings selling vaccines of unspecified type. Illicit trade of uncertified COVID-19 vaccines poses a concrete threat to public health and risks to undermine public confidence towards vaccination.* »

4. International organisations

Europol. **COVID-19 chiefs of police working group meets to talk pandemic and fighting crime threats** . Newsroom. Published February 15, 2021. Accessed March 5, 2021. <https://www.europol.europa.eu/newsroom/news/covid-19-chiefs-of-police-working-group-meets-to-talk-pandemic-and-fighting-crime-threats>

Extract. « *As the pandemic has changed the landscape of crime, law enforcement has had to adapt their approaches to the accelerated shifts in criminal modi operandi and market focus. The COVID-19 chiefs of police working group is an important initiative for law enforcement agencies to work together in monitoring the situation and coordinating the appropriate responses. [...] Some of the priority areas discussed: the risks of criminals taking advantage of vaccination campaigns rolling out across the world to sell fake vaccines. Although still limited, some offers of fake vaccines have appeared on the dark web.* »

European Anti-Fraud Office. **OLAF warns against fraudsters offering COVID-19 vaccines**. Press release No7/2021. https://ec.europa.eu/anti-fraud/media-corner/news/15-02-2021/olaf-warns-against-fraudsters-offering-covid-19-vaccines_en. Published February 15, 2021. Accessed March 10, 2021.

Extract. « *The European Anti-Fraud Office (OLAF) has warned governments to be on their guard against offers to provide them with COVID-19 vaccines. These offers are very often fake, and should be reported. [...] We are hearing reports of fraudsters offering to sell vaccines to governments across the EU. These offers come in many different forms. For example, fraudsters may offer to sell large quantities of vaccines, deliver a sample in order to pocket the first advance payment and then vanish with the money. They may deliver batches of fake vaccines. Or they falsely may purport to represent legitimate business and claim to be in the possession of or have access to vaccines.* »

An additional publication from prior to February 2021

European Anti-Fraud Office. **OLAF investigation keeps dangerous hand sanitiser off the shelves**. Media corner. Published December 15, 2020. Accessed March 29, 2021. https://ec.europa.eu/anti-fraud/media-corner/news/15-12-2020/olaf-investigation-keeps-dangerous-hand-sanitiser-shelves_en

Extract. « *Almost 140,000 litres of hand sanitiser have been seized so far in the European Union thanks to information provided by the European Anti-Fraud Office (OLAF). The hand sanitiser originated from Turkey and contained dangerously high levels of methanol.* »

5. Miscellaneous

Taylor D. **Experts Warn Crime Gangs Capable of Selling Fake Vaccines**. Voanews. <https://www.voanews.com/covid-19-pandemic/experts-warn-crime-gangs-capable-selling-fake-vaccines>. Published February 26, 2021. Accessed March 12, 2021.

Extract. « *International crime fighting agencies say organized crime groups have all the networks and methods needed to smuggle falsified, substandard and stolen COVID-19 vaccines across Africa. [...] Meyer says there won't be enough vaccines, and as infection rates and deaths spike in some countries, criminals will introduce fakes into supply chains. [...] Ho Tu Nam said criminal organizations have been waiting eagerly for immunization programs to start, and for vaccine shortages. "Now people are aware that the vaccine exists; people know it's being rolled out in certain countries, and I think it's a perfect time for those syndicates to come in and say, 'We have the vaccine; you're not getting it in the hospitals, you're not getting it in your private clinics, so come to us.'" she said. And they have been successful in the past. Schneider says groups dealing in black market vaccines do their best to make their products look legitimate.* »

6. Lay literature

6.1 Disclaimer & Notes

The information included below is based on the data used to create the Medicine Quality Monitoring Globe⁸ (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](#)⁹.

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](#)¹⁰. 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 digits 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

⁸Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe. Web Page. Published 2020. Accessed March 18, 2021. <https://www.iddo.org/medicine-quality-monitoring-globe>

⁹Infectious 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>

¹⁰Infectious Diseases Data Observatory. Medicine Quality Monitoring Globe methodology. Web Page. Published 2020. Accessed March 18, 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 treatment¹¹, 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).

Changes in methodology since the last Medical Product Quality Report - COVID-19 issues (January 2021)¹²

There are no changes in methodology since the last 'Medical Product Quality Report – COVID-19 issues' in January 2021. Please read more about the changes in methodology since the first report that was published in July 2021 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 576 relevant articles on quality problems of COVID-19 medical products (Figure 1). For February 2021, we report on 55 articles. Within those articles, 2 alerted on diagnostics, 8 on hand sanitisers and disinfectants, 9 are linked to COVID-19 related treatments, 12 to personal protective equipment (PPE) and 24 to vaccines (Figure 2 and 3). There were no articles detected for ventilation equipment.

¹¹Hashemian 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>

¹²Infectious 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>

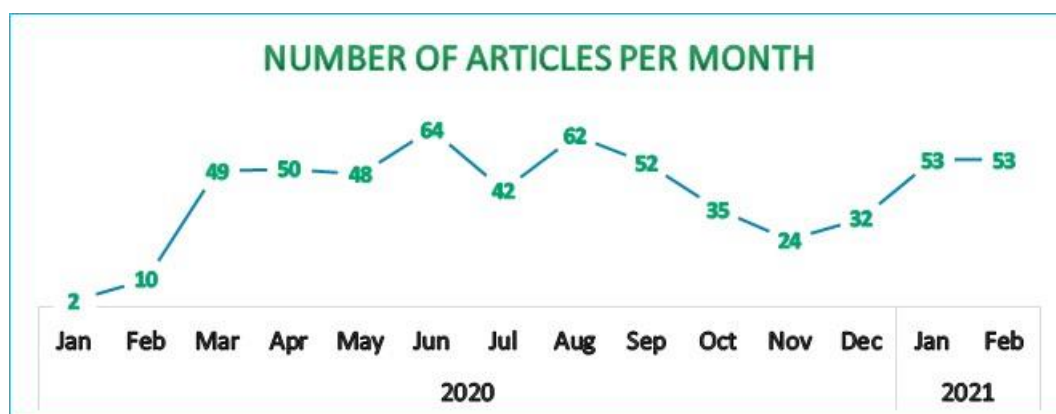


Figure 1. Number of articles on the Medicines Quality Monitoring Globe linked to substandard or falsified COVID-19 supplies by month.

AS SOME ARTICLES DESCRIBE MORE THAN ONE CATEGORY OF PRODUCTS, THE SUM OF ALERTS PER MONTH AS SHOWN IN FIGURE 2 AND 3 MAY EXCEED THE SUM OF ARTICLES PER MONTH OF FIGURE 1.

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.

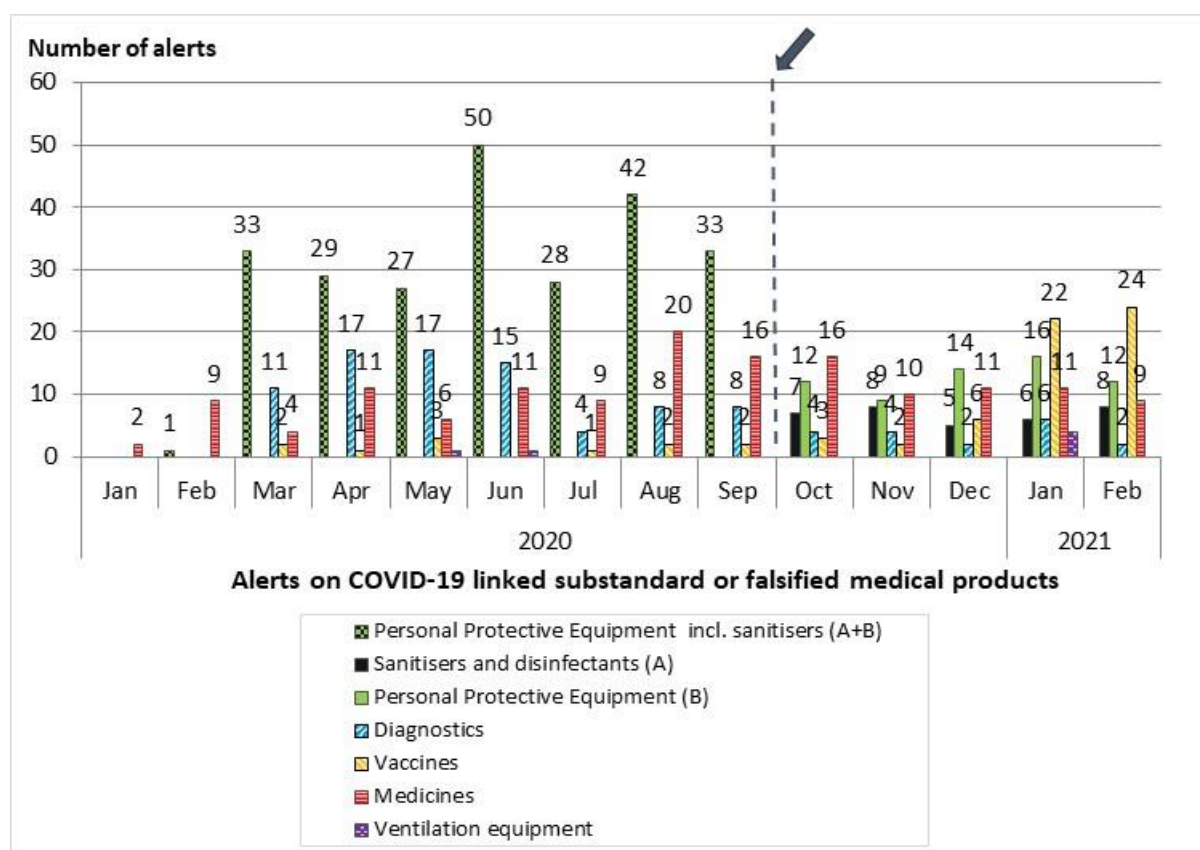


Figure 2. Number of alerts on the Medicines Quality Monitoring Globe by category of products and by month.

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 1. 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.

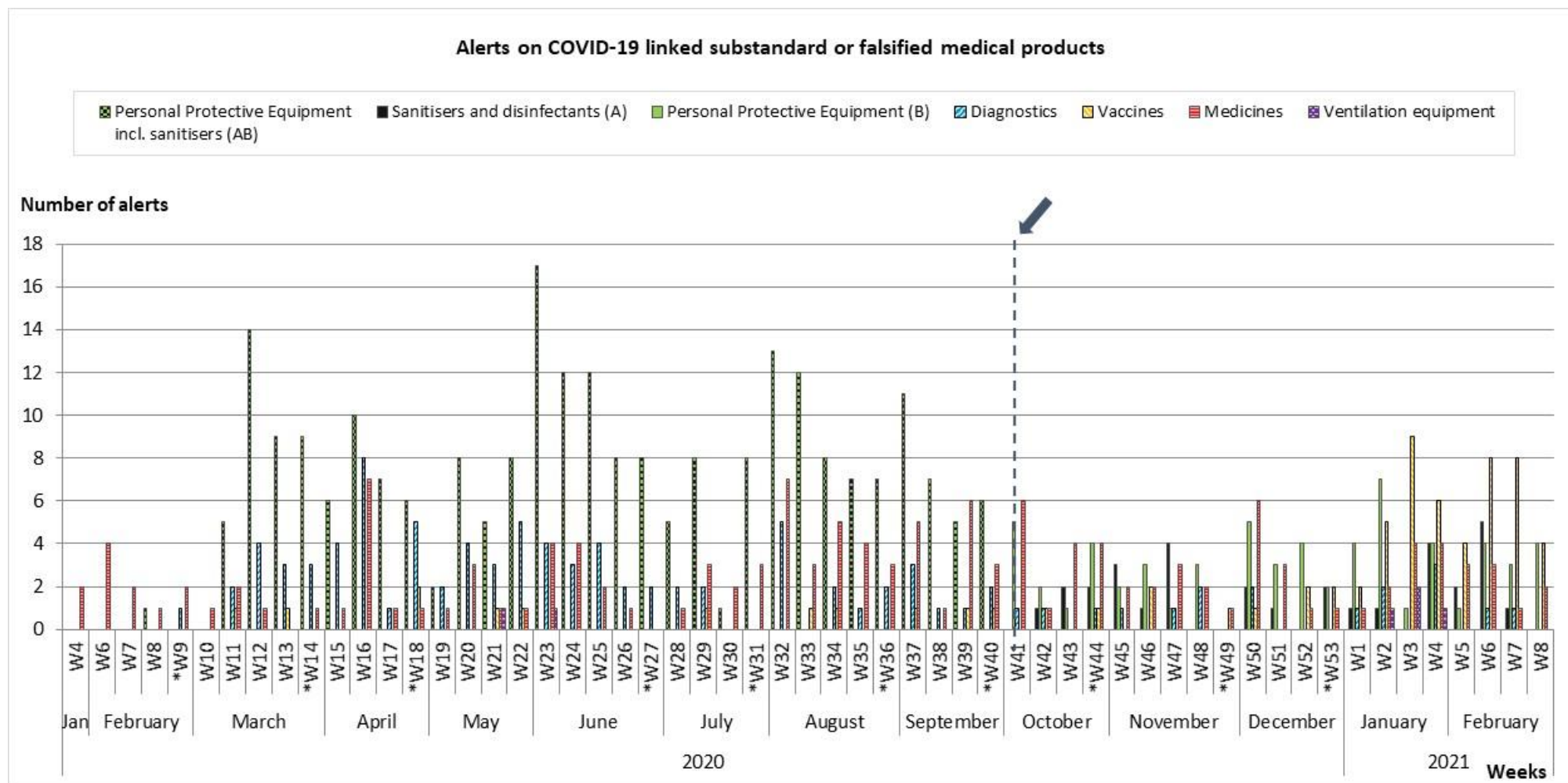


Figure 3. Number of alerts on the Medicines Quality Monitoring Globe by category and by week.

Alerts are for substandard or falsified products linked to COVID-19. The figure starts in week 4, Monday 20th of January, 2020 and ends on week 8, Sunday 28th of February, 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 1. 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

Two articles reported on potentially degraded vaccines in the USA. One article reports on the number of COVID-19 vaccine doses that were lost in Pima County (report ID 956586). Amongst those vaccines, 20 doses were lost due to “*failure to store properly*” and 100 doses due to a problem with a temperature sensor. In California there was a problem with the refrigeration overnight due to an apparent human error (report ID 933403). Officials did not confirm the quantity of doses affected but it may have been up to 6,000 Pfizer doses. The help of the manufacturer was sought to determine if the vaccine could still be used. We have not seen information on the outcome of the investigation.

Thefts

In February 2021 5 cases of stolen COVID-19 vaccines were reported. In a medical centre in Greece, police are investigating a case where a vial containing six doses of the COVID-19 Pfizer/BioNTech vaccine disappeared (report ID 948981). Four alleged cases were in the USA. In the first case, on the 3th of February, a car containing 30 vials¹³ of COVID-19 vaccines was stolen in Plant City (report ID 936924). The second occurred in St-Petersburg, where a firefighter was under investigation for the theft of COVID-19 vaccine vials (report ID 936941). The third is a case in Knox County where approximately 1,000 Pfizer/BioNTech doses went missing; but according to the mayor of the county the missing box might have never been shipped by Pfizer (report ID 943453). Pfizer claims having shipped the vaccine and allegedly upon delivery the box was signed off. Finally, an article reports on vaccine management issues in Shelby County (report ID 957718). The state of Tennessee is investigating the case and allegedly COVID-19 vaccine doses might have been stolen.

Seizures of falsified COVID-19 vaccine

On the 3th of March Interpol published a press alert on two investigations that were supported and facilitated by Interpol and for which we found articles, published in February, in the MQM Globe¹⁴. First, in South Africa, law enforcement agencies raided two warehouses in Gauteng and found COVID-19 vaccines without the necessary approval (report ID 945211). This incident might be related to the one described in the December issue of the report (report ID 865724) but with the available information in the articles it is not clear if this article mentions an additional warehouse or if it is referring to the same event. Approximately 2,400 falsified COVID-19 vaccine doses, in around 400 vials, were seized. Secondly, in China 80 people were arrested and accused of selling falsified COVID-19 vaccines in Beijing, Jiangsu and Shandong (report ID 918486). Three thousand pre-filled saline syringes

¹³ Report ID 936924 states “30 doses”, however several other articles in the lay press reporting on the same incident mention “30 vials”.

¹⁴ 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>

were seized. Interpol stated that they believed that it is only the tip of the iceberg of COVID-19 vaccine crime.

In November 2020, the Chinese police were reported to have detained several suspects linked to production and distribution of approximately 58,000 doses of falsified COVID-19 vaccines (report ID 932609). The falsified vaccines consisted of saline solution and allegedly several doses were transferred to Hong Kong. A first batch of 600 doses arrived on the 11th of November 2020 and were allegedly shipped overseas. A second shipment with 1,200 doses arrived on November 12th in Hong Kong but were subsequently destroyed.

On February 11, a shipment of vaccines labelled as the Moderna COVID-19 vaccine arrived in the Philippines (report ID 939722). The Philippine FDA started an investigation since they believed that the products were falsified, since Moderna did not commit to send a shipment and the company previously said it was not able to supply until June or July 2021. In Colombia, a Chinese couple was arrested upon arrival at the Colombia's El Dorado International Airport and a cooler box with 70 vials of COVID-19 vaccines was seized (report ID 947830). The vials were labelled as "*manufactured by the Chinese Academy of Medical Sciences, from Kunming, China*", which developed the Vero cell COVID-19 vaccine. It is unclear if the vaccines were genuine or falsified products but the couple were fined for importing an unregistered product.

Injection of purported COVID-19 vaccines

In India a nursing student injected an elderly couple with an unknown chemical at their home and stole their jewellery (report ID 940683). The nursing student told the couple she was able to obtain the vaccine because she worked as a nurse. In Brazil, health care workers allegedly inoculated elderly people with fake COVID-19 vaccine doses, using empty syringes (report ID 944701). At least three cases have been reported of "*shots of air*" instead of genuine vaccine doses and police started an investigation. Several senior officials in Ukraine have allegedly paid 4,700 USD to receive a COVID-19 vaccine (report ID 950068). It is thought to have been the Pfizer/BioNTech vaccine that might have been imported by Israeli organised crime groups.

Illicit sales

In the previous Medical Product Quality Report we reported on findings of the cyber security company Check Point on the rise of COVID-19 vaccines on the dark web. In February an article provided some examples of what is found on the dark web (report ID: 929197): 300 USD for 14 doses; 30,000 USD for 10,000 vials; one seller is using a picture of a 'sample' vial with an expiration date in December 2020; 1,500 USD for four doses of a 'Chinese vaccine'.

In January, the Mexican medicine regulatory authority, Cofepris, reported on the illicit sales of Pfizer/BioNTech and Moderna vaccines. In February they reported illicit sales of the AstraZeneca vaccine (report ID 924171). Another article in February, reported on six men being arrested in Mexico for allegedly trafficking falsified Pfizer/BioNTech vaccines and selling them for approximately 2,000 USD per dose (report ID 944948). In the Philippines a group of doctors from the Healthcare

Professionals Alliance Against Covid-19 (HPAAC) warned in an article against diverted or falsified medicines (report ID 930157). Allegedly COVID-19 vaccines are illegally sold in “*online chat groups, workplaces, and even in neighbourhoods across Metro Manila*”. Belgian authorities received reports of falsified COVID-19 vaccines offered to the population, allegedly most of them were Russian vaccines (report ID 942342). All the above mentioned authorities warn that people should not buy vaccines through the private sector in shops, on the streets or online and stress the importance of relying on the government distribution systems.

Not only individual patients are lured into buying falsified vaccines. National and regional authorities, responsible for the procurement of vaccines are also targeted. The Ministry of Health of Trinidad and Tobago has been offered falsified and extremely high-priced COVID-19 vaccines (report ID 951551). In mid-February the European Anti-Fraud Office (OLAF) warned against falsified COVID-19 vaccines and said criminals are also approaching national authorities with falsified products (report ID 941124). At the end of February an article reported that criminals have allegedly offered, altogether, 400 million doses of COVID-19 vaccines to European Union countries (report ID 955619). Most of the offers concern vaccines labelled as from AstraZeneca. It remains unclear if the offers concern diverted genuine vaccine doses or falsified non-vaccine solutions. In Italy, the police are investigating several cases of people trying to sell COVID-19 vaccines outside the European Union procurement system (report ID 947669): a regional official was offered 27 million doses of the Pfizer/BioNTech, Russian or Chinese vaccines to buy; someone tried to sell AstraZeneca vaccines to regional officials, claiming to be a representative of the company.

Another worrying phenomena: hacking COVID-19 vaccine data

In addition to the incidents on SF COVID-19 vaccines registered by the MQM Globe, several articles were published in February 2021 on South Korea intelligence officials stating that North Korea tried to steal Pfizer/BioNTech COVID-19 vaccine and treatment technology from Pfizer¹⁵. We did not find details as to whether the alleged attempt was successful.

6.4 COVID-19 diagnostics

For the month of February we only found 2 reports highlighting SF issues with COVID-19 test kits. In March 2020, OLAF, the European Anti-Fraud Office, opened an investigation on falsified COVID-19 protection products. In the last year OLAF reports seizing over 14 million COVID-19 supplies, including falsified test kits (and masks) (report ID 941124). In Zimbabwe an article reported on substandard COVID-19 test kits being imported from China and entering the market, showing only a 20% accuracy rate (report ID 934414). Normally tests are submitted to an evaluation by

¹⁵ Denyer S. North Korea tried to steal Pfizer coronavirus vaccine information, South says. The Washington Post. https://www.washingtonpost.com/world/asia_pacific/north-korea-pfizer-coronavirus-vaccine-hack/2021/02/16/c09ec7fc-702e-11eb-8651-6d3091eac63f_story.html. Published February 16, 2021. Accessed March 15, 2021.

the Medicines Control Authority of Zimbabwe (MCAZ) and the Medical Laboratory Scientists Council of Zimbabwe (MLSCZ) should also contribute to the evaluation. The COVID-19 tests allegedly bypassed the usual quality-checks. MLSCZ said that the Ministry of Health (MoH) took over the responsibility in the evaluation and validation of COVID-19 supplies without involving the MCAZ, but the MoH contradicted this.

6.5 Personal protective equipment

In March 2020, OLAF opened investigation on falsified COVID-19 protection products. In the last year they have seized over 14 million COVID-19 supplies, including falsified masks (and test kits) (report ID 941124).

One year into the pandemic governments continue having issues with SF personal protective equipment. In June 2020, the Belgian federal government procured 15 million cloth facemasks and had put them at the disposal of its population for free (report ID 956266). The masks were made by the Luxembourg firm Avrox in Asia. In February 2021, more than 8 months after the start of the distribution, health authorities warned the citizens to stop using those masks since they may contain toxic materials such as titanium dioxide and toxic nanoparticles of silver. Further evaluation of the Avrox masks is ongoing.

In Ontario, Canada, the provincial stockpile contained 'potential' falsified 3M N95 masks (report ID 957784). Some of the stock had already been distributed, thus the provincial government sent out a notification with lot numbers for health partners to verify their remaining stocks. The article also reports that according to the president of 3M Canada (Penny Wise): *"the company has been receiving increasing reports of fraud related to respirators in Canada"*. In February 2021, 3M Canada allegedly received more complaints on falsified products compared to the first wave in the COVID-19 pandemic.

Throughout the month of February 2021 there were reports of falsified 3M masks in the USA. 3M continues to struggle with criminals targeting 3M products and putting falsified versions on the market. We report on six different articles in order of their date of publication. Firstly, 3M sent out a safety alert on several lot numbers used by criminals (report ID 928739). According to the Washington State Hospital Association, dozens of hospitals in Washington state were impacted and the hospitals were asked to put the masks in quarantine, waiting for the results of the 3M investigation.

A second article reported that Tower Health, a regional health system in Pennsylvania, received falsified 3M N95 model 1860 masks and is now recalling them (report ID 930096). Twelve percent of the masks were already distributed through its system to hospitals, outpatient facilities, urgent care centres, physician practices and home care division. The other masks were still in their stock and were removed.

A third article reported on a seizure of 1.7 million falsified 3M N95 masks in a warehouse in New York (report 934549). The masks were repacked with 3M branding and were ready for sale to health care workers; the manager of the warehouse has been arrested.

In mid-February, a fourth article reported on a seizure by Homeland Security agents of falsified 3M N95 masks which involved hundreds of thousands of masks in a warehouse on the US east coast (report ID 944494). Since details of the seizures are not always included, it is difficult to tell which articles are related to 'new' incidents and which articles are related to incidents that were already described in this or previous reports. In this regard, the article reports that the above mentioned seizure on the east coast is part of an investigation into falsified 3M masks that were sold in at least five states to hospitals, medical facilities and government agencies. The investigation led to seizure of approximately 10 million falsified N95 masks, by federal agents in recent weeks. Also the article reports that "*Investigators notified about 6,000 potential victims in at least 12 states including hospitals, medical facilities and others who may have unknowingly purchased knockoffs, urging them to stop using the medical-grade masks*".

A fifth article reports on the US Customs and Border Protection (CBP) seizing 108,000 falsified 3M surgical masks (report ID 969460). The 450 boxes were seized in Cincinnati and were destined for a company in Canada. The masks were allegedly imported from Hong Kong but were labelled as "*Made in the USA*".

At the end of February, a sixth article reported that 460,000 falsified 3M N95 masks were seized in the Seattle area (report ID 957577).

Two other articles on SF masks in the USA report on a different brand or did not mention the affected brand. In New Jersey, Ally Cosmetics Inc has been accused by BMY Global Sourcing for knowingly selling SF masks in April 2020 (report ID 930832). Allegedly the 320,000 medical-grade Chinese KN95 masks did not meet FDA requirements for use against the coronavirus. The state of Maine was affected by a national recall on N95 masks with falsification issues (report ID 937169). The state authorities had distributed approximately 161,000 masks of the affected batch to health care facilities, schools and state employees.

In the UK, an article reported on issues with FFP3 masks and gloves followed by the Department of Health and Social Care (DHSC) (report ID 961203). One week after the first safety alert, 1.2 million masks were withdrawn by the DHSC since the masks "*may not meet the required technical specifications*". The FFP3 masks were branded as 'Fang Tian' model FT-045 and allegedly provided by a distributor Polyco Healthline. The manufacturer Suzhou Fangtian Industries claims it never supplied those masks to Polyco Healthline.

The DHSC issued an alert on 'nitri-hand', non-sterile nitrile examination gloves. Since June 2020, Full Support Group supplied 27 million of these 'nitri-hand' gloves in the UK. When reading the packaging of the gloves, one might think the gloves are not tested for resistance to virus. However, the supplier Full Support Group claimed the gloves had passed the test and recognizes the packaging should have been updated accordingly.

6.6 Sanitisers and disinfectants

A factory producing falsified hand sanitizers was raided in Abu Dhabi, the United Arab Emirates (report ID 944290). Products were being allegedly relabelled with labels of “a *big international brand*”. All falsified products were seized and legal action was requested against the owners.

In the beginning of February an article reported that Health Canada was recalling fifteen hand sanitizers because they did not meet Health Canada’s requirements and may hold health risk to the user (report ID 924119). The reasons for recall were multiple, including improper labelling (expiry date placement, directions for use, etc), lack of necessary testing, presence of toxic products or ingredients that do not meet the required quality standards, or that some of the products are not authorised for sale in Canada or are falsified. Since June 2020 Health Canada has updated a list with affected products ‘Recall of certain hand sanitizers that may pose health risks’. By the end of February 2021, the list contained 147 entries providing detailed information on the affected product and reasons for recall¹⁶.

The US FDA sent warning letters to 1 Chinese and 5 Mexican companies concerning the quality of their hand sanitizers. The goods were detained and refused admission at the USA border because they were adulterated and not approved by the US FDA. Hand sanitisers from three companies (Mexico: Grupo Ycana Mexico, Precision Analitica Integral, and Botanicals International) had lower ethanol contents than stated and were contaminated with methanol: 70 to 75% stated ethanol but analysis showed the ethanol content ranged from 0,04% to only 40% v/v and the methanol from 28% to more than 75% v/v (report ID 920598, 931281 and 931284). The AAA Cosmetica (Mexico) product did not contain any ethanol but instead an average of 78-81% methanol v/v (report ID 931283). For two companies the hand sanitizers strength was below that stated: for Simex Logistics (Mexico) it contained 51% instead of 70% ethanol v/v, and for ShangRao Chungyu Technology (China) 58% instead of 75% (report ID 931286 and 931282). By the end of February 2021, the US FDA Do-Not-Use-List for hand sanitizers contained 230 entries with detailed information on the affected hand sanitizers.¹⁷

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 patients.

¹⁶ Health Canada. Recall of certain hand sanitizers that may pose health risks. Recalls and safety alerts. Published June 17, 2020. Accessed March 24, 2021. <https://healthycanadians.gc.ca/recall-alert-rappel-avis/hc-sc/2020/73385a-eng.php>

¹⁷ United States Food and Drug Administration. FDA updates on hand sanitizers consumers should not use. Drug Safety and Availability. Published June 19, 2020. Accessed March 24, 2021. <https://www.fda.gov/drugs/drug-safety-and-availability/fda-updates-hand-sanitizers-consumers-should-not-use>

In the USA, a physician, serving as state representative of Missouri state, was charged with marketing of a falsified stem cell treatment allegedly useful in the treatment of various diseases, including COVID-19 (report ID 926267). She administered amniotic fluid that did not contain any type of stem cells to patients but the physician claimed it was a “*stem cell shot*” containing “*mesenchymal stem cells*”. The US FDA sent a warning letter to Dr. Paul’s Lab, a company offering ‘COVID-Aid Tincture’ online and claiming that it has activity against COVID-19 (report ID: 944261). The FDA said that the product is misbranded and not approved in the USA.

In two Indian states, falsified antibiotics that are being trailed for their use in COVID-19 were found. In Gujarat state, the Food and Drugs Control Administration (FDCA), raided a pharmaceutical company and found several violations (report ID 951239). The company was manufacturing falsified medicines and exporting them to Nigeria. They labelled the products with brands of other pharmaceutical companies such as ‘Exaclav-625 Co-Amoxiclav Tablet B.P’. Furthermore, they altered the manufacturing date. In Andhra Pradesh, drug inspectors found SF azithromycin 500mg tablets (report 953850). At least 10% of the samples did not contain any active ingredient. Some of the medicines were found to be manufactured by a company based in Uttarakhand. Following this finding, the Department of Drug Control started an investigation to determine how many shops in the state are selling falsified medicines.

A court in the United Arab Emirates found a pharmacist guilty for distributing falsified Viagra (sildenafil) tablets to several pharmacies (report ID 921825). The case came to light after a pharmaceutical company notified the Ministry of Health and Prevention. In the province of Gia Lai in Vietnam, two men were arrested for importing 20,000 falsified Viagra tablets from China into the country (report ID 958638). The men bought the tablets through Chinese social media and were planning to sell them on the local Vietnam market.

On two occasions, the US CBP seized sildenafil tablets that were illegally imported, although it is not allowed to bring in prescription medication that has been bought outside the USA. At the Chicago O’Hare International Airport, a man tried to bring in tablets from India claiming them to be for his friends (report ID 928775). The 3,200 tablets of Vigore representing a street value of approximately 100,000 USD were seized, but the man was not arrested. In Cincinnati, 17,400 falsified Viagra tablets were seized from a shipment of ‘herbal pasta’ coming from Istanbul, Turkey (report ID 936346). A South Korean man was found guilty of importing bulk sildenafil and tadalafil from China into the USA (report ID 931627). The man produced falsified erectile dysfunction drugs and distributed them through an illegal supply chain in liquor, gas and convenience stores. The products were mislabelled as medicines that need no prescription.

7. 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 here below.¹⁸

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

¹⁸Infectious 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>

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).

Annex B: Medicine Quality Monitoring Globe reports containing report ID

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 digits 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 Globe¹⁹, 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

¹⁹Infectious 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

March 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")

Start date	2021-02-01
End date	2021-02-28
Language	en
Report type	incident
Curation status	validated
Number of Reports	27

1 Woman injects fake COVID-19 vaccine to elderly couple, flees with 8 tola jewellery

Publication date	2021-02-14
Create date	2021-02-16
Score	17.32
Report id	940683
Category	Vaccine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Woman injects fake COVID-19 vaccine to elderly couple, flees with 8 tola jewellery
Times Now

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

Table 1: Places for report 940683

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Hyderabad	17.38405	78.45636

Table 2: Other Stories

ID	Title	Link
941064	Hyderabad nurse robs old couple after fake Covid vaccine shot	Link
941138	Hyderabad Nurse Robs Old Couple After Fake Covid Vaccine Shot, Arrested	Link
941190	India: Nurse robs old couple after fake COVID vaccine shot	Link
941243	Nurse Loots Couple After Giving Them Fake COVID Vaccine In Meerpet	Link
941329	Hyderabad woman dupes elderly couple with fake COVID-19 vaccine, robs them	Link
941452	Nursing student robbed old couple after administering fake COVID vaccine	Link
941499	India News Hyderabad Nurse Robs Old Couple After Fake COVID-19 Vaccine Shot, Arrested	Link
941865	Nurse robs elderly couple after fake Covid vaccine shot	Link

Table 2: Other Stories(continued)

ID	Title	Link
942147	Elderly Couple Robbed By Nurse With Fake COVID Vaccine Shot In Hyderabad	Link
942305	Hyderabad nurse robs old couple after fake COVID-19 vaccine shot	Link

Notes: A woman allegedly injected fake COVID-19 vaccine into an elderly couple and stole their jewellery. The accused woman is a nursing student. She allegedly used a fake chemical and told the couple that it was the coronavirus vaccine. [...] The accused told Kasturi that she could get the vaccine as she worked as a nurse. At around 3 pm, Kasturi returned home and Anusha administered injections to her and her husband. Anusha told the couple that they will feel drowsy after the vaccine is administered. [...]

2 Cofepris alerts about the illicit sale of the AstraZeneca vaccine

Publication date	2021-02-04
Create date	2021-02-05
Score	16.18
Report id	924171
Category	Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Cofepris alerts about the illicit sale of the AstraZeneca vaccine Explica

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

Table 3: Drugs for report 924171

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 4: Other Stories

ID	Title	Link
924944	Cofepris alerts for the sale of false vaccines against Covid	Link

Notes: The interest around the vaccines that have begun to be distributed in Mexico and that have proven their effectiveness in various markets around the world have begun to be the focus to carry out hundreds of scams and frauds. The trend now caught up with AstraZeneca.

At least this has been alerted by the Federal Commission for the Protection against Sanitary Risks (Cofepris), an agency that warned about the alleged sale by third parties of the vaccine against the Covid-19 coronavirus, developed by the aforementioned laboratory.

In this way, in recent hours and through a press release, Cofepris indicated that in recent days they have detected the illicit sale of an alleged vaccine against Covid-19 signed by AstraZeneca, which the agency identified as false and part of a scam That puts the integrity and leave the population at risk. [...]

3 80 held in China over fake Covid-19 vaccines

Publication date	2021-02-01
Create date	2021-02-02
Score	15.99
Report id	918486
Category	Vaccine
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: 80 held in China over fake Covid-19 vaccines South China Morning Post

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

Table 5: Places for report 918486

Region Name	Country	Location	Latitude	Longitude
Eastern Asia	China	Jiangsu Sheng	33	119.83333
Eastern Asia	China	Beijing	39.9075	116.39723
Eastern Asia	China	Shandong Sheng	36.33333	118.25

Table 6: Drugs for report 918486

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 7: Other Stories

ID	Title	Link
918413	China seizes 3000 'fake vaccine doses'	Link
918508	China arrests more than 80 people in 'fake vaccine' ring crackdown	Link
918512	Breaking: 80 detained for producing counterfeit coronavirus vaccines	Link
918700	China detains more than 80 over fake COVID-19 vaccines	Link
918733	Trung Quốc bắt 80 người bán vắc xin Covid-19 giả	Link

Table 7: Other Stories(continued)

ID	Title	Link
918887	3,000 doses of fake COVID-19 vaccines confiscated, illegal sales began in September	Link
919062	Chinese Police Make Over 80 Arrests Over Fake COVID-19 Vaccines - State Media	Link
919272	3000 doses of 'fake coronavirus vaccine' seized	Link
919374	The Chinese police arrest more than 80 people suspected of manufacturing fake vaccines.	Link
919691	Police seize fake vaccine doses - Chinadaily.com.cn	Link
919832	Police in China bust fake Covid-19 vaccine operation, more than 80 people arrested	Link
919840	Chinese police bust counterfeit Covid-19 vaccine ring	Link
919922	China police arrest 80 for selling fake COVID-19 vaccines	Link
920227	China busts fake COVID-19 vaccine ring, arrests 80, confiscates 3,000 doses	Link
920235	80 People Arrested in China for Plotting to Sell Fake Vaccines	Link
920328	China arrests suspects in fake COVID-19 vaccine ring	Link
920334	80 arrested for making counterfeit Covid-19 vaccines in China	Link
920335	Police bust counterfeit Covid-19 vaccine ring in China	Link
920714	Over 80 people arrested in China for smuggling fake COVID-19 vaccines	Link
920715	Counterfeit vaccine ring busted in China	Link
920720	China confiscates fake coronavirus vaccines	Link
920774	COVID-19: Palestine, Tunisia to receive shots via COVAX; China busts fake vaccine ring	Link
920919	China disarms fake vaccine network against SARS-CoV-2 that distributed water with salt	Link
921342	World News Over 80 People Arrested in China for Smuggling Fake COVID-19 Vaccines	Link
921950	fake vaccine ring 2-3-21 ap.jpeg	Link
921953	COVID-19: Chinese police break up group selling fake vaccines to other countries	Link
922174	Fake vaccines prick confidence in Chinese jabs	Link
922383	Fake Covid Vaccines: China Arrests 80 for Making, Selling Bad Shots	Link
922408	Chinese Police Arrest 80 Members of Fake Covid-19 Vaccine Ring	Link
922822	Chinese authorities break up fake COVID-19 vaccine ring	Link
922826	China Arrests Suspects in Fake COVID-19 Vaccine Ring	Link
923131	CHINA APPREHENDS 80 PEOPLE IN SPURIOUS VACCINE SYNDICATE CLAMPDOWN	Link

Table 7: Other Stories(continued)

ID	Title	Link
923393	Sinovac - Fake vaccines pinprick confidence in Chinese jabs	Link
923846	Counterfeit vaccine scandal raises doubts over China-made shots & other global Covid news	Link
924042	Chinese police arrest 80 in fake COVID-19 vaccine bust	Link
924103	DOJ probe to include possible fake vaccine entry	Link
925119	Sinovac - Sinovac - Fake vaccines pinprick confidence in Chinese jabs Fintech Zoom	Link
925682	Chinese police bust counterfeit C-19 vaccine ring	Link
929075	Fake Racket Selling Saline Water As Covid-19 Vaccine At Exorbitant Prices, Busted In China	Link
929297	Bắt giữ 80 người và thu hơn 3.000 liều vaccine Covid-19 giả bằng nước muối Báo Phụ Nữ Việt Nam	Link
929536	Chinese police seize over 3,000 fake COVID-19 vaccines	Link
940929	Trung Quốc triệt phá ổ nhóm thổi giá, làm vaccine COVID-19 giả	Link
941229	Nóng nhất hôm nay: Ổ nhóm làm vaccine COVID giả ở Trung Quốc bị triệt phá	Link
942195	Chinese global vaccine deals grow as do crackdowns on counterfeits	Link
942687	China's crackdown against fake covid vaccines, smuggling; over 80 arrested, 3,000 jabs seized	Link
962465	Chinese police bust counterfeit COVID-19 vaccine ring	Link
964769	Alert on smuggled fake vaccine up; EU assures PH of vax supply	Link

Notes: Chinese police have detained around 80 people and seized 3,000 fake Covid-19 vaccines, state news agency Xinhua reported on Monday. The suspects are accused of selling pre-filled saline syringes as coronavirus vaccines at high mark-up prices. The report said police in Beijing and the eastern provinces of Jiangsu and Shandong had taken part in the operation and had tracked the places where the counterfeits had been produced and sold, locating an undisclosed number. The arrests come as China is ramping up its vaccine production capacity. The authorities say 24 million doses have been administered so far, and the goal is to immunise 50 million people before the Lunar New Year holiday later this month. [...] Xinhua's report said the police would crack down on vaccine-related crimes, including the sale and manufacture of fake vaccines, and reminded the public to get the vaccine through official channels to avoid fakes. [...]

4 Avoid COVID-19 vaccines from black market, doctors warn

Publication date	2021-02-08
Create date	2021-02-09
Score	14.77
Report id	930157
Category	Vaccine
Quality	Falsified
Source	Not applicable
Curation	Manually curated
Incident or General	Incident

Snippet: Avoid COVID-19 vaccines from black market, doctors warn INQUIRER.net

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

Table 8: Places for report 930157

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

Table 9: Drugs for report 930157

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: The sale of COVID-19 vaccines outside the government inoculation program feeds on the fear of not enough supplies arriving, prompting a group of doctors to warn the public against illegally sourced or counterfeit drugs.

Dr. Antonio Dans of the Healthcare Professionals Alliance Against Covid-19 (HPAAC) said the illegal sale of vaccines recently emerged in online chat groups, workplaces, and even in neighborhoods across Metro Manila. [...]

5 Over 58,000 Fake COVID-19 Vaccine Doses Busted in China, 600 Doses Sent Overseas

Publication date	2021-02-10
Create date	2021-02-11
Score	14.74
Report id	932609
Category	Vaccine
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: Over 58,000 Fake COVID-19 Vaccine Doses Busted in China, 600 Doses Sent Overseas
UrduPoint News

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

Table 10: Places for report 932609

Region Name	Country	Location	Latitude	Longitude
Eastern Asia	Hong Kong	Hong Kong	22.27832	114.17469
Eastern Asia	China	People's Republic of China	35	105

Table 11: Drugs for report 932609

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 12: Other Stories

ID	Title	Link
932912	China uncovers 58,000 doses of fake COVID-19 vaccines	Link
935911	China urges trust in vaccines as fakes seized	Link
940906	China arrests dozens for fake COVID-19 vaccines	Link
940907	China Arrests Suspects in Fake Covid-19 Vaccine Ring	Link

Table 12: Other Stories(continued)

ID	Title	Link
940995	China intensifies fight against crimes related to COVID-19 vaccines	Link
941592	China's top procuratorate vows to curb vaccine-related crimes after multiple fake vaccine cases reported	Link
942076	China arrests 70 in fake vaccine smuggling ring	Link
942151	COVID-19 vaccine scam: Leader of fake vaccine racket arrested in China	Link
942179	China arrests leader of fake vaccine scam	Link
942306	Man behind Covid-19 fake vaccine arrested in China	Link
942357	China arrests man it says was fake COVID-19 jab ringleader	Link
942618	China Orders Crackdown on Fake COVID-19 Vaccines Amid Concerns Over Exported Doses	Link
942767	Brits warned over fake toxic Covid vaccines spreading across globe as China busts 70 people in massive jabs	Link
943152	Scammers Making Millions Selling Fake Covid-19 Vaccines In China	Link
943741	Leader of fake Covid vaccine scam arrested in China	Link
943898	China Arrests Leader Of \$2.8 Million Fake COVID Vaccine Scam, Was Selling Saline Solution & Water As Doses	Link
944291	China arrested scammer whose gang made over R40 million from selling water as Covid-19 vaccine shots	Link
946743	Leader of multi-million dollar fake coronavirus vaccine scam arrested from China	Link
946744	BEWARE! Fake Coronavirus vaccine multi-million dollar scam busted! China at it again?	Link
946745	China claims it busted fake vaccine rings, though some shipments sent overseas	Link
946746	Chinese Authorities: Fake COVID-19 Vaccines Shipped to Other Countries	Link
947373	70 People Arrested In \$3 Million Scam Selling Fake COVID Vaccines That Were Just Water	Link
964312	China arrests kingpin of fake Covid vaccine gang	Link
965651	Huge jump in fake COVID-19 vaccine domains to steal money, data	Link
965785	Huge jump in fake vaccine domains to steal money, data	Link
980218	Brits warned over fake toxic Covid vaccines spreading across globe as China busts 70 people in massive...	Link
980307	China arrested a scammer whose gang made \$3 million from selling water as COVID-19 vaccine shots	Link

Notes: Chinese police have uncovered a number of cases involving production and distribution of fake COVID-19 vaccines with doses up to 58,000, the country's prosecutor general's office said on Wednesday. According to a statement from the Supreme People's Procuratorate, a group of suspects led by a ring leader, identified only by his surname as Kong, were detained by the police last November for producing about 58,000 doses of fake COVID-19 vaccines made of simple saline resolution. [...] In a related case, a number of suspects bought the fake COVID-19 vaccines produced by Kong and tried to smuggle them overseas. A batch of 600 doses of the fake vaccines were transported to Hong Kong on November 11 last year and sent to an unknown destination overseas the next day.

A second batch of 1,200 doses of fake COVID-19 vaccines arrived in Hong Kong on November 12. But the group was forced to destroy the unsold fake vaccines two weeks later, after a number of their accomplices were detained by Chinese police. [...]

6 COVID-19 vaccine counterfeits set off alarms across the globe

Publication date	2021-02-19
Create date	2021-02-22
Score	14.51
Report id	947830
Category	Vaccine
Quality	Falsified
Source	Airport
Curation	Manually curated
Incident or General	Incident

Snippet: COVID-19 vaccine counterfeits set off alarms across the globe BioWorld Online

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

Table 13: Drugs for report 947830

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: A cooler box with 70 vials allegedly filled with counterfeit COVID-19 vaccines seized from a Chinese couple in Colombia's El Dorado International Airport on Feb. 17 underscored the growing challenges facing pharmaceutical companies, law enforcement authorities and health care regulators around the world. Patient safety, company liability and the security of distribution channels have all been areas of growing concern. [...]

7 COVID-19 vaccine doses stolen in Florida after car keys left in ignition

Publication date	2021-02-04
Create date	2021-02-15
Score	14.38
Report id	936924
Category	Vaccine
Quality	Diverted/Unregistered
Source	Airport
Curation	Manually curated
Incident or General	Incident

Snippet: COVID-19 vaccine doses stolen in Florida after car keys left in ignition WKMG News 6 & ClickOrlando

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

Table 14: Places for report 936924

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Plant City	28.01888	-82.11469

Table 15: Other Stories

ID	Title	Link
936458	Plant City police are looking for stolen car with vials of COVID-19 vaccine inside	Link
936923	Plant City police still searching for stolen car carrying Pfizer's COVID-19 vaccines	Link
936930	Reward offered after car with COVID-19 vaccine vials stolen in Fla.	Link
941914	Florida police search for car stolen while carrying COVID-19 vaccine	Link
943455	Car containing 30 vials of COVID-19 vaccine stolen	Link
943458	Video shows person of interest in stolen COVID-19 vaccine investigation, police say	Link
948912	Plant City Vaccine Vials Stolen Person of Interest	Link

Notes: Plant City Police are looking for the man who stole a car containing vials of a COVID-19 vaccine on Wednesday. [...] Investigators said 30 doses were inside the car, along with a cooler and a compound agent. The vaccine was supposed to be distributed at the Plant City vaccination site, which is at the Strawberry Festival Grounds. [...]

8 St. Pete City Council left in the dark on theft of COVID-19 vaccine vials, investigation into fire department employee

Publication date	2021-02-04
Create date	2021-02-15
Score	14.35
Report id	936941
Category	Vaccine
Quality	Diverted/Unregistered
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: St. Pete City Council left in the dark on theft of COVID-19 vaccine vials, investigation into fire department employee ABC Action News

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

Table 16: Places for report 936941

Region Name	Country	Location	Latitude	Longitude
Americas	United States	St. Petersburg	27.77086	-82.67927

Table 17: Drugs for report 936941

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 18: Other Stories

ID	Title	Link
936952	FL Fire Department Investigated over Missing Vaccine Vials	Link
937585	Missing vials of COVID-19 vaccine prompts investigation into St. Pete Fire Rescue	Link
938386	Missing vials of COVID-19 vaccine prompts St. Pete PD investigating into fire department official	Link
939577	Missing vaccines spur investigation into St. Petersburg Fire Rescue	Link

Table 18: Other Stories(continued)

ID	Title	Link
943564	St. Pete Fire Rescue Leader Accused Of Vaccine Theft: Report	Link
944095	St. Pete police investigating possible COVID vaccine theft	Link

Notes: St. Petersburg City Council members are in the dark about an investigation into stolen COVID-19 vaccine vials.

ABC Action News first broke the story on Friday after sources indicated a firefighter was under investigation for the theft. [...] Fire Chief James Large first acknowledged the investigation on Monday, three days after ABC Action News first reported on the stolen vials.

At the time, he released this statement: "SPFR has requested SPPD to investigate the possibility of missing COVID-19 vaccine doses. At this time, the investigation remains on going, and we cannot comment further until its conclusion." [...]

9 Greek Police Probe Theft of COVID-19 Vaccine Vial Holding Six Doses

Publication date	2021-02-11
Create date	2021-02-23
Score	14.21
Report id	948981
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Greek Police Probe Theft of COVID-19 Vaccine Vial Holding Six Doses The National Herald

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

Table 19: Places for report 948981

Region Name	Country	Location	Latitude	Longitude
Europe	Greece	Peristéri	38.01539	23.69187

Table 20: Other Stories

ID	Title	Link
951196	Greek police investigate theft of COVID-19 vaccine vial holding six doses TornosNews.gr	Link

Notes: Greek Police are looking into the apparent theft of a vial of the COVID-19 Pfizer/BioNTech vaccine holding six doses that vanished from a medical center in the neighborhood of Peristeri. A nurse told police she took it out from a freezer to administer a dose and left it on a specific spot but left them room - without saying why - and that it wasn't there when she went back to get it, reported Kathimerini. [...]

10 Covid-19 vaccines hit the black market | The Strategist

Publication date	2021-02-21
Create date	2021-02-23
Score	14.18
Report id	950068
Category	Vaccine
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: Covid-19 vaccines hit the black market | The Strategist The Strategist

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

Table 21: Places for report 950068

Region Name	Country	Location	Latitude	Longitude
Western Asia	Ukraine	Ukraine	49	32
Americas	United States	United States	39.76	-98.5
Melanesia	Australia	Commonwealth of Australia	-25	135

Table 22: Drugs for report 950068

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: As the global rollout of vaccines against Covid-19 gathers pace, there are already reports of a vibrant black market for the various vaccine candidates. A black market usually springs up fairly quickly when there's a shortage of an item and people are prepared to pay substantial sums to obtain it. With Covid-19, there's the added incentive for buyers of avoiding death or serious illness. [...] Meanwhile, Ukrainian police are investigating reports that some wealthy and influential Ukrainians were inoculated after paying up to \$4,700 per dose, probably of the Pfizer vaccine. Reports suggest that the vaccine could have been brought in from Israel and that several top Ukrainian officials and business figures have been unofficially vaccinated. [...] A shortage of any pharmaceutical soon leads to the production of fake items that can be passed off as the real thing. On the dark web, prices for Covid-19 vaccines seem to vary from a few hundred dollars to a few thousand. Many of the products are likely to be fakes. In the US,

Covid-19 scams have been widespread since the start of the pandemic, including more recently for access to vaccines. The FBI has warned of hackers, criminals and scam artists attempting to disrupt the vaccine supply chain or targeting vulnerable citizens.

In Australia, the Therapeutics Goods Administration is working closely with the Australian Border Force to prevent and detect the illegal importation and supply of vaccines. The TGA warns that it will take action against suspected illegal activity, noting: 'Breaking the laws related to therapeutic goods in Australia can result in substantial penalties, fines or imprisonment.'

11 1,000 COVID-19 Vaccine Doses Stolen From Under Nose of Mayor Kane

Publication date	2021-02-14
Create date	2021-03-01
Score	13.83
Report id	943453
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: 1,000 COVID-19 Vaccine Doses Stolen From Under Nose of Mayor Kane Bleeding Cool News

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

Table 23: Places for report 943453

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Knoxville	35.96064	-83.92074

Table 24: Drugs for report 943453

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: The Big Red Machine, Knox County Mayor Kane, downplayed a scandal surrounding 1,000 missing COVID-19 vaccines in his jurisdiction last week, claiming that it's "unrealistic to believe that when you're undertaking an operation of this magnitude mistakes won't be made." Kane also tried to suggest that Pfizer may have never shipped the vaccine, though the pharmaceutical company denies it and insists someone signed for the box upon delivery. The boxes were originally found missing last week, and no one seems to have any answers yet, according to a report from local NBC station WBIR. [...]

12 Bogus COVID-19 Vaccine Offers Flooding The 'Dark Web'

Publication date	2021-02-08
Create date	2021-02-09
Score	13.27
Report id	929197
Category	Vaccine
Quality	Falsified
Source	Website(s)
Curation	Manually curated
Incident or General	Incident

Snippet: Bogus COVID-19 Vaccine Offers Flooding The 'Dark Web' CBS Chicago

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

Table 25: Places for report 929197

Region Name	Country	Location	Latitude	Longitude
		Earth	0	0

Table 26: Drugs for report 929197

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 27: Other Stories

ID	Title	Link
929535	Beware bogus COVID vaccine offers proliferating on the "dark web"	Link
930069	Amid vaccine shortage, 7 On Your Side researches COVID-19 vaccines abundant on dark net	Link
931524	Bogus COVID-19 Vaccine Offers Flooding The 'Dark Web'	Link
932433	Bogus COVID-19 Vaccine Offers Flooding The 'Dark Web' CBS Chicago	Link
939835	Fake Covid jabs are being sold on the Dark Web a cybercriminals 'exploit anxieties'	Link

Table 27: Other Stories(continued)

ID	Title	Link
967226	Experts warn Covid vaccines being sold on darknet likely to be scams	Link

Notes: [...] The dark web is meant to connect unidentified buyers to anonymous sellers. With millions of people still waiting patiently in line to get a precious COVID-19 vaccine, there's something new lurking in this often seedy space.

"It's very, very specific type of vaccine and getting something ahead of time, you know skipping the line and getting to the front," is a big draw, Mark Ostrowski, head of engineering for the cyber security company, Check Point, told CBS 2 Investigator Megan Hickey.

His team has found that in just the last six weeks, the number of vaccine ads on the dark web has exploded. The asking prices have doubled or even quadrupled.

Search results tease potential buyers with language like "available now" and "going fast!" One offer — \$300 for 14 doses — looks like a steal, \$200 below the \$500 original price. This seller even offered a 100% refund if the vaccine failed to arrive.

Or there's another seller — who offered to ship to the United Kingdom, the United States, and Spain.

The best method of correspondence? Encrypted messaging services like WhatsApp or Telegram. That is where the Check Point team started messaging these sellers to try to learn more. They found another offer, a bulk discount: 10,000 bottles of the COVID vaccine for \$30,000.

One dark web seller even messaged a picture of a "sample" bottle of vaccine with a December expiration date. Another wanted \$1,500 for four doses of a "Chinese vaccine."

The Check Point team even sent a seller the Bitcoin payment to see what they would get in return. [...]

13 Rumored Moderna vaccine shipment likely fake, says FDA

Publication date	2021-02-14
Create date	2021-02-16
Score	12.64
Report id	939722
Category	Vaccine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Rumored Moderna vaccine shipment likely fake, says FDA Sun.Star

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

Table 28: Places for report 939722

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Philippines	Manila	14.6042	120.9822

Table 29: Drugs for report 939722

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: THE Moderna vaccines against coronavirus disease 2019 (Covid-19) that were rumored to have arrived in Manila are likely fake, the Food and Drug Administration (FDA) said.

FDA Director General Eric Domingo said it was highly unlikely that the American pharmaceutical company dispatched vaccines to the Philippines as it has made no such commitment yet. "We just had a meeting with Moderna last Tuesday (February 9). They said they plan to apply for an emergency use authorization, hopefully, by next week. They also said they cannot supply us until June or July of this year," Domingo said.

"I am sure there is no actual Moderna vaccine. If ever there are arrivals, it's probably counterfeit," Domingo added.

He said he has deployed FDA personnel to conduct an investigation on the reported shipment.

"I am having that report checked soon by our regulatory enforcement unit," said Domingo.

Earlier, reports came out that there was a shipment containing vaccines from Moderna that

arrived in the country on February 11.

14 Fake Covid-19 vaccines discovered in Gauteng

Publication date	2021-02-17
Create date	2021-02-22
Score	12.50
Report id	945211
Category	Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Fake Covid-19 vaccines discovered in Gauteng Jacaranda FM

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

Table 30: Places for report 945211

Region Name	Country	Location	Latitude	Longitude
Southern Africa	South Africa	Gauteng	-26.08333	28.25

Table 31: Drugs for report 945211

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: Makhura was speaking at the Chris Hani Baragwanath Hospital on Wednesday, where the first frontline health care workers in the province received their Johnson & Johnson jabs.

"The security of this vaccine is extremely important, where they are stored. We have also seen in some instances that fake vaccines can also be smuggled into our own markets here so the law enforcement agencies will do everything to ensure that there is no distribution of vaccines that are not approved.

"They are already cracking some of these scams and they have been able to crack up warehouses in two areas in Gauteng where they found vaccines that are not approved," said Makhura

The first batch of Johnson and Johnson vaccines arrived in South Africa on Tuesday evening.

On Wednesday, President Cyril Ramaphosa and Health Minister Dr Zweli Mkhize were among the group in the Western Cape who received the first vaccinations in the country.

South Africa has become the first country in the world to use the Johnson & Johnson vaccine.

15 Experts Warn Crime Gangs Capable of Selling Fake Vaccines

Publication date	2021-02-26
Create date	2021-03-02
Score	11.86
Report id	957843
Category	Anti-malarial
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: Experts Warn Crime Gangs Capable of Selling Fake Vaccines Voice of America

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

Table 32: Places for report 957843

Region Name	Country	Location	Latitude	Longitude
		Africa	7.1881	21.09375

Table 33: Drugs for report 957843

Medicine Name	Medicine Class	Action	ATC Code
chloroquine	Aminoquinolines	antimalarials	P01BA01
			J07
tramadol	Other opioids	opioids	N02AX02

Table 34: Other Stories

ID	Title	Link
958401	AU official calls for strategic multilateral partnerships to address Africa's drug problem	Link

Notes: International crime fighting agencies say organized crime groups have all the networks and methods needed to smuggle falsified, substandard and stolen COVID-19 vaccines across Africa.

Interpol crime intelligence analyst John-Patrick Broome said, as is the case in the rest of the continent, criminal gangs in East Africa import fake medicines from Asia, mostly China and India. The fake drugs often lack any active ingredients and many actually have harmful substances, he said. [...] She points out they did that easily with chloroquine, when demand for the anti-malarial drug skyrocketed last year after it was touted as a coronavirus treatment.

”So, you had people who started producing fakes. You had people who started breaking down these routes. You had cases where these things were hijacked at ports. Again, they want to break that supply chain,” Meyer said.

Authorities throughout West and Central Africa seized large quantities of fake and substandard chloroquine. Police in Cameroon shut down several pharmaceutical manufacturers producing fake chloroquine. [...]

16 COVID-19 vaccine doses tossed around state, low amounts in Pima County

Publication date	2021-02-25
Create date	2021-02-26
Score	11.67
Report id	956586
Category	Vaccine
Quality	Substandard
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: COVID-19 vaccine doses tossed around state, low amounts in Pima County KOLD

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

Table 35: Places for report 956586

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Tucson	32.22174	-110.92648

Table 36: Drugs for report 956586

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: [...] Earlier this month KOLD News 13 sent a request to the county asking for how many COVID vaccine doses were allocated and wasted from December 1, 2020 to February 5, 2021. All-in-all, the losses seem pretty small—118 in total during that time frame. This makes up around less than .01 percent of the allocated doses to Pima County during the requested time frame. According to the county, 47 Pfizer doses were discarded or otherwise unused at the Banner North location, five at TMC and one at the U of A. The county reports during that time frame, 51 Moderna doses were lost at the Kino Sports location (or Banner South location), nine at Banner North and five at TMC. [...] A spokesperson for TMC said they have discarded 11 doses in total—one more than the county reports, though the time frame is not known. In an email, TMC said, "We have given 73,735 shots (we'll reach 75,000 by this weekend!). Eleven doses were lost due to compounding error or dropped or bent needle. We have not wasted or lost any due to expiring vaccine." [...] According to the state data, 20 doses at Banner Casa Grande

went bad due to "failure to store properly." Several doses were drawn up, opened, but not used at several sites around the state—at least one patient changed their mind at Navajo County Health. 100 doses at the La Paz Health Department were spoiled. AZ Family reports that was due to a temperature sensor in the box containing the vaccines. Twenty doses of Moderna were "lost or unaccounted for" at the Yuma Regional Medical Center. [...]

17 EU's anti-fraud agency warns against fake COVID vaccines

Publication date	2021-02-15
Create date	2021-02-16
Score	11.59
Report id	941124
Category	Medical device for screening/diagnosis/monitoring, Other, Vaccine, Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: EU's anti-fraud agency warns against fake COVID vaccines swissinfo.ch

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

Table 37: Places for report 941124

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 38: Drugs for report 941124

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 39: Other Stories

ID	Title	Link
941182	European anti-fraud office warns against fraudsters offering COVID-19 vaccines	Link
941189	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941198	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941201	European Unions anti-fraud body warns against Covid-19 vaccine scams	Link
941202	EU's anti-fraud body warns against COVID-19 vaccine scams	Link

Table 39: Other Stories(continued)

ID	Title	Link
941308	Coronavirus latest: EU anti-fraud office widens probe to include fake Covid vaccines	Link
942024	EU fraud agency warns governments on vaccine scams	Link
942091	EU's anti-fraud agency warns against fake Covid vaccines	Link
942456	Working together to stop fraud: EUs anti-fraud agency warns against fake COVID vaccines	Link
942814	EU warns from fake vaccine fraudsters	Link
942821	EU Anti-Graft Agency Warns of Fake COVID-19 Vaccines	Link
943632	World News EU's Anti-fraud Body Warns Against COVID-19 Vaccine Scams	Link
944084	European Commission Sees More Attempts to Create Fake COVID-19 Vaccines - President	Link
944203	EU fighting increasing cases of Covid-19 vaccine fraud, von der Leyen says	Link
945462	Commission concerned about COVID vaccines black market	Link
952600	Warning as criminals sell fake Covid vaccines	Link
956329	EU's anti-fraud body warns against COVID-19 vaccine scams - WIVB.com	Link
963916	EUs anti-fraud body warns against COVID-19 vaccine scams	Link
972831	Fake Vaccines Could Be Infiltrating Europe's Supply Chain	Link
975926	Afternoon Coffee: Icertis funding; Jobless claims; Fraud COVID-19 vaccine	Link

Notes: [...] The European Anti-Fraud Office (OLAF) said it was aware of reports of fraudsters seeking to sell vaccines in the EU, including through offering fake vaccines.

"They are hoaxes organised to defraud national authorities looking to step up the pace of vaccination to keep their citizens safe," the agency said in a statement.

OLAF said it was extending its inquiry into fake COVID-19 protection products to tackle illicit vaccine trade coming from illegal imports as well as counterfeit medicines.

Since opening the investigation last March, OLAF said, it had helped identify over 1,000 suspicious operations and seize over 14 million items, including faulty face masks and fake test kits. [...]

18 Fake COVID vaccines being offered to Trinidad – PM

Publication date	2021-02-22
Create date	2021-02-23
Score	11.54
Report id	951551
Category	Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Fake COVID vaccines being offered to Trinidad – PM Stabroek News

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

Table 40: Places for report 951551

Region Name	Country	Location	Latitude	Longitude
Americas	Trinidad and Tobago	Republic of Trinidad and Tobago	11	-61

Table 41: Drugs for report 951551

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 42: Other Stories

ID	Title	Link
951594	Deyalsingh: Beware fake vaccines	Link
951999	CMO: Beware of fake vaccines	Link

Notes: Charlatans are attempting to peddle over-inflated—and even downright fake—vaccines to the Government.

The revelation came from Prime Minister Dr Keith Rowley during a Ministry of Health virtual press conference today, as he responded to claims about the government’s perceived failure to acquire COVID-19 vaccines.

He indicated that some of these people were inflating the price of doses well over 1,000 per cent. Minister of Health, Terrence Deyalsingh, said these people are being reported to local agents of manufacturers who would then treat with the matter themselves.

Both the Prime Minister and Minister of Health gave assurances that only vaccines approved by the World Health Organisation (WHO) would be administered to the public.

19 Vaccine doses may have been stolen at Pipkin Building in early February, Tennessee health department says

Publication date	2021-02-26
Create date	2021-03-01
Score	11.50
Report id	957718
Category	Vaccine
Quality	Diverted/Unregistered
Source	Not applicable
Curation	Manually curated
Incident or General	Incident

Snippet: Vaccine doses may have been stolen at Pipkin Building in early February, Tennessee health department says Commercial Appeal

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

Table 43: Places for report 957718

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Memphis	35.14953	-90.04898
Americas	United States	Tennessee	35.75035	-86.25027

Table 44: Drugs for report 957718

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 45: Other Stories

ID	Title	Link
957719	Wasted COVID vaccines, theft allegations & children inappropriately vaccinated at TN site	Link
957793	TDH: State investigation uncovers possible vaccine theft in Shelby County, children getting COVID-19 vaccine	Link
957794	State investigation uncovers possible vaccine theft in Shelby County, children getting COVID-19 vaccine	Link

Table 45: Other Stories(continued)

ID	Title	Link
957833	Children vaccinated, doses stolen, FBI involved in Shelby County Health Department's vaccine distribution turmoil	Link
957881	Tennessee: Vaccines stolen, given to children in 1 county	Link
957929	Tennessee state investigation uncovers possible vaccine theft in Shelby County, children getting COVID-19 vaccine	Link
957930	Allegations of vaccine waste, theft investigated in Tennessee; FDA committee reviewing Johnson & Johnson vaccine: Latest COVID-19 updates	Link
957983	Vaccines stolen, given to children in Tennessee county	Link
957985	Shelby County wasted COVID-19 vaccines. But the incompetence didn't start here Weathersbee	Link
958301	Covid-19 vaccines allegedly stolen, expired and inappropriately administered in Tennessee county, state investigation finds	Link
958778	COVID Vaccine Updates: Allegations of stolen vaccines, immunization of kids in Tennessee	Link
958779	COVID-19 vaccine doses allegedly stolen, two children wrongly vaccinated in Tennessee county	Link
959454	Tennessee investigation: COVID-19 vaccines possibly stolen, children vaccinated in Shelby County	Link
959585	State: FBI alerted after potential vaccine theft by volunteer in Memphis; health department director resigns	Link
959686	Health Department: Police Said Not Enough Evidence to Report Vaccine Theft	Link
960829	Tennessee asks feds to investigate after COVID-19 vaccines stolen, given to children in 1 county	Link
960830	COVID vaccines stolen, given to children in Shelby County, Tennessee after 2K doses wasted, health officials say	Link
960831	FBI investigating stolen COVID-19 vaccines claims – FOX13 News Memphis	Link
960833	VACCINES STOLEN: Volunteer accused of stealing COVID-19 vaccines from Memphis site, state health department says	Link
960834	A Shelby County Sheriff's report sheds a little light on possible vaccine theft at Pipkin	Link
960835	Exactly what went wrong with Shelby County's COVID-19 vaccine distribution	Link
960836	Shelby County Health Director resigns after news of stolen vaccines & children vaccinated - WATN	Link
961141	Shelby County, Tennessee, COVID-19 Vaccine Rollout Has Been a Disaster	Link

Table 45: Other Stories(continued)

ID	Title	Link
961288	COVID-19 vaccine doses stolen, 2 children wrongly vaccinated, Tennessee officials say	Link
993535	Watch: Gov. Lee visits Memphis vaccine site where COVID-19 shots were stolen	Link

Notes: More investigative findings from the state of Tennessee revealed Friday that COVID-19 vaccine might have been stolen in Shelby County, children are believed to have been inappropriately vaccinated and more doses of COVID-19 were wasted than was previously thought. The state learned of the child vaccinations and the alleged theft weeks after the incidents occurred, State Health Commissioner Lisa Piercey said in a wide-ranging press conference Friday afternoon in which she detailed to reporters numerous instances of poor vaccine management and called the Shelby County Health Department a "low-accountability organization." [...] Piercey said Harris confirmed to her on Thursday vaccine doses may have been stolen from the Pipkin Building on Feb. 3.

The state notified the Federal Bureau of Investigation of the potential theft Thursday. The FBI Memphis field office did not immediately respond to a call requesting more information Thursday morning. [...] A state investigation into Shelby County's management, storage and dissemination of vaccine doses was triggered last week when Shelby County Health Department Director Alisa Haushalter announced more than 1,300 vaccine doses had expired and were thrown away.

Piercey said Tuesday state investigators later found 2,400 doses had expired over seven expiration events throughout the month of February. State personnel on the ground in Shelby County this week found additional vaccine doses which were stored improperly and became unusable, including some which felt warm to the touch. [...]

20 Belgium warns against fake Russian vaccines

Publication date	2021-02-16
Create date	2021-02-18
Score	10.87
Report id	942342
Category	Vaccine
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Belgium warns against fake Russian vaccines The Brussels Times

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

Table 46: Places for report 942342

Region Name	Country	Location	Latitude	Longitude
Europe	Belgium	Kingdom of Belgium	50.75	4.5

Table 47: Drugs for report 942342

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: Belgium's National Crisis Centre is warning people for several fake Covid-19 vaccines, most of which are seemingly Russian, that are being offered for sale, health officials said during a press conference on Tuesday.

As Belgium's vaccination campaign is picking up steam, going "back to normal" will only be possible when 70% of the population – the threshold for herd immunity – has been vaccinated, according to Sabine Stordeer of the federal vaccination taskforce. "However, we would like to warn you about fake vaccines that are being offered, apparently mostly Russian ones," she said. "These have not been properly tested for safety and efficacy."

"We advise everyone not to buy these vaccines, not on the street or in a shop, but not online either," stressed Stordeer. [...]

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

Publication date	2021-03-01
Create date	2021-03-02
Score	10.55
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	Link

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. [...]

22 Fraudsters offer 400 million 'ghost' COVID vaccines in EU: officials

Publication date	2021-02-25
Create date	2021-02-26
Score	10.36
Report id	955619
Category	Vaccine
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Fraudsters offer 400 million 'ghost' COVID vaccines in EU: officials Reuters

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

Table 51: Places for report 955619

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 52: Drugs for report 955619

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 53: Other Stories

ID	Title	Link
955708	Fraudsters offer 400 million 'ghost' Covid vaccines in EU: officials	Link
955880	COVID-19: EU countries offered 12.7bn worth of fake coronavirus jabs	Link
955974	COVID-19: EU countries offered 12.7bn worth of fake COVID19 jabs	Link
956763	Fraudsters offer 400 million 'ghost' Covid vaccines in EU, say officials	Link

Notes: [...] Two officials with the bloc's executive European Commission estimated that around 400 million doses of "ghost" vaccine had been offered by fraudsters at a price of up to 3 billion euros (\$3.67 billion). [...] The official, who noted that most of the shots offered to EU governments by traders were purportedly the AstraZeneca vaccine, compared the situation to the start of the coronavirus pandemic in early 2020 when criminal exploited a shortage of masks and other protective equipment. [...] "It is unclear whether these are genuine vaccine doses or if we are just talking about salt water in small vials," the official told Reuters.

The EU had warned already that vaccine fraud was on the rise, with fake doses circulating on the market, but the extent of the problem has been unclear until now.

23 Italy probes vaccine scams even as officials court offers

Publication date	2021-02-19
Create date	2021-02-22
Score	10.30
Report id	947669
Category	Other, Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Italy probes vaccine scams even as officials court offers The Ridgefield Press

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

Table 54: Places for report 947669

Region Name	Country	Location	Latitude	Longitude
Europe	Italy	Rome	41.89193	12.51133

Table 55: Drugs for report 947669

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 56: Other Stories

ID	Title	Link
947595	The Latest: Italian police investigating fake vaccines	Link
947675	Pfizer : Italy probes vaccine scams even as officials court offers	Link
947842	The Latest: Italian police investigating fake vaccines Business journaltimes.com	Link
947843	The Latest: Vaccine scandal ousts Argentine health minister	Link
948174	The Latest: Italian police investigating fake vaccines National indexjournal.com	Link
948382	The Latest: Vaccine scandal ousts Argentine health minister - Alabama News	Link

Table 56: Other Stories(continued)

ID	Title	Link
948388	Coronavirus: two die amid lockdown protests in Gabon; Italian police investigate fake Covid vaccines	Link
948423	Coronavirus: Ireland reports three cases of Brazilian variant; Italian police investigate fake vaccines — as it happened	Link
948511	Italian police investigate fake Covid-19 drugs and vaccines	Link
948551	Italy investigates vaccine scam, Denmark's border closures: COVID-19 daily bulletin	Link
949289	The Latest: Italian police investigating fake vaccines - McKinnon Broadcasting	Link
971179	Italy probes vaccine scams as official receives offer to buy 27 million doses	Link

Notes: Italian police investigating fake COVID-19 drugs and vaccines have interviewed a Veneto regional official who reported receiving offers to buy 27 million doses of Pfizer shots outside the European Union procurement system. Even though the EU anti-fraud agency has warned about scammers offering vaccines amid shortages in Europe, Veneto's regional governor, Luca Zaia, has boasted for over a week that he had been contacted by unnamed intermediaries offering to sell him Pfizer, Russian and Chinese jabs. [...] Police are also investigating a Sicilian man who claimed to be a representative of pharmaceutical company AstraZeneca and had offered to sell vaccines to Umbrian authorities. In response, AstraZeneca's Italy unit said there was currently no private distribution of its shots and that if "someone is offering vaccines via the private sector, they're probably counterfeit vaccines and should be reported to the competent authorities." [...]

24 'Shots of air': Brazilian health workers accused of giving fake COVID vaccinations with empty syringes

Publication date	2021-02-17
Create date	2021-02-19
Score	9.92
Report id	944701
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: 'Shots of air': Brazilian health workers accused of giving fake COVID vaccinations with empty syringes National Post

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

Table 57: Places for report 944701

Region Name	Country	Location	Latitude	Longitude
Americas	Brazil	Rio de Janeiro	-22.90278	-43.2075

Table 58: Drugs for report 944701

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: Police in Rio de Janeiro launched an investigation on Wednesday into reports that doses of the coronavirus vaccine may have been diverted after images emerged of healthcare workers sticking needles into elderly people without injecting them. [...] At least three cases have been reported in Rio state of what local media are calling "shots of air," in which health workers administered fake inoculations from empty syringes.

Videos shared on social media show healthcare workers inserting the needle into people's arms with the syringe already fully compressed.

The personnel involved have been dismissed and the elderly people who received the fake shots were later vaccinated, Rio's state nursing council, known as Coren-RJ, said in a note.

25 Mexico Arrests 6 for Trafficking False Coronavirus Vaccines

Publication date	2021-02-17
Create date	2021-02-19
Score	9.08
Report id	944948
Category	Vaccine
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: Mexico Arrests 6 for Trafficking False Coronavirus Vaccines NBC 5 Dallas-Fort Worth

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

Table 59: Places for report 944948

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Monterrey	25.67507	-100.31847
Americas	Mexico	Nuevo León	16.94034	-91.71265

Table 60: Drugs for report 944948

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 61: Other Stories

ID	Title	Link
944956	Mexico arrests 6 for trafficking false coronavirus vaccines	Link
945063	Mexico: Six arrested for selling fake COVID-19 vaccines	Link
945148	Arrests in Mexico Over producing false vaccines against COVID-19	Link
945547	Mexico bắt giữ 6 người vì bán vaccine ngừa COVID-19 giả - Báo điện tử VTV News	Link
945570	Mexican police arrest six for fake COVID-19 vaccine trafficking	Link

Table 61: Other Stories(continued)

ID	Title	Link
945718	Mexico bắt giữ 6 đối tượng buôn vaccine phòng COVID-19 giả	Link
946160	Mexico Health Agency Warns Against Counterfeit Pfizer Vaccine	Link
946391	Mexico arrests six for trafficking false coronavirus vaccines	Link
947355	Private hospital shut for selling fake covid vaccines	Link
947356	COVID-19 : Sales of fake anticovid vaccines detected in the Mexican state of Nuevo León - .	Link
949235	Mexico arrests at least six and shuts down clinic where fake coronavirus vaccines were trafficked	Link

Notes: Police in northern Mexico arrested six people Wednesday for allegedly trafficking in fake coronavirus vaccines. [...] Assistant Health Secretary Hugo López-Gatell later said that the fakes were presented as Pfizer vaccines, which are only available in Mexico through government vaccinations teams. He said the suspects had offered the vaccines for sale for the equivalent of around \$2,000 per dose. [...]

26 About 6,000 COVID Vaccine Doses Potentially Spoiled In OC Due To Refrigerator Malfunction

Publication date	2021-02-10
Create date	2021-03-11
Score	7.61
Report id	933403
Category	Vaccine
Quality	Substandard
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: About 6,000 COVID Vaccine Doses Potentially Spoiled In OC Due To Refrigerator Malfunction Yahoo News

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

Table 62: Places for report 933403

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Aliso Viejo	33.56504	-117.72712

Table 63: Drugs for report 933403

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: About 6,000 doses of Pfizer vaccine were potentially spoiled at the Soka University Super POD vaccination site in Aliso Viejo Wednesday due to a malfunctioning refrigerator.

27 Substandard Covid vaccine

Publication date	2021-02-18
Create date	
Score	6.47
Report id	946328
Category	Antitussive, Antiretroviral
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Substandard Covid vaccine Pakistan Observer

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

Table 64: Places for report 946328

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Republic of India	22	79
		Africa	7.1881	21.09375
Southern Asia	Pakistan	Islamic Republic of Pakistan	30	70
Americas	Paraguay	Republic of Paraguay	-23.33333	-58

Table 65: Drugs for report 946328

Medicine Name	Medicine Class	Action	ATC Code
dextromethorphan	Opium alkaloids and derivatives	cough suppressants, excl. combinations with expectorants	R05DA09

Notes:

Annex B

2. COVID-19 diagnostics

Medicine Quality Monitoring Globe

March 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 ("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"))

Start date 2021-02-01

End date 2021-02-28

Language en

Report type incident

Curation status

validated

Number of Reports

3

1 Zimbabwe: Alarm Raised Over Defective Covid-19 Test Kits - AllAfrica

Publication date	2021-02-11
Create date	2021-02-12
Score	51.49
Report id	934414
Category	Medical device for screening/diagnosis/monitoring
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Zimbabwe: Alarm Raised Over Defective Covid-19 Test Kits AllAfrica - Top Africa News

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

Table 1: Places for report 934414

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Zimbabwe	Republic of Zimbabwe	-19	29.75

Notes: ZIMBABWE'S Covid-19 statistics could be highly misleading due to the health ministry's derelict of duty which has seen some sub-standard test kits finding the way on the market.

These defective test kits have turned out to have a lowly 20% accuracy rate and are by-passing mandatory quality checks by key medical equipment vetting bodies straight to medical laboratory centres and other testing centres like clinics and hospitals. [...] However, in its investigations, NewZimbabwe.com established a number of test kits being used in the country with brands such as Nantong Diagnos Covid-19, Covid-19 Antigen Rapid Test Kit and Diagreat Rapid have an accuracy rate of only 20% leading to a high percentage of false negative results. [...]

2 EU's anti-fraud agency warns against fake COVID vaccines

Publication date	2021-02-15
Create date	2021-02-16
Score	32.30
Report id	941124
Category	Medical device for screening/diagnosis/monitoring, Other, Vaccine, Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: EU's anti-fraud agency warns against fake COVID vaccines swissinfo.ch

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

Table 2: Places for report 941124

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 3: Drugs for report 941124

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 4: Other Stories

ID	Title	Link
941182	European anti-fraud office warns against fraudsters offering COVID-19 vaccines	Link
941189	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941198	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941201	European Unions anti-fraud body warns against Covid-19 vaccine scams	Link
941202	EU's anti-fraud body warns against COVID-19 vaccine scams	Link

Table 4: Other Stories(continued)

ID	Title	Link
941308	Coronavirus latest: EU anti-fraud office widens probe to include fake Covid vaccines	Link
942024	EU fraud agency warns governments on vaccine scams	Link
942091	EU's anti-fraud agency warns against fake Covid vaccines	Link
942456	Working together to stop fraud: EUs anti-fraud agency warns against fake COVID vaccines	Link
942814	EU warns from fake vaccine fraudsters	Link
942821	EU Anti-Graft Agency Warns of Fake COVID-19 Vaccines	Link
943632	World News EU's Anti-fraud Body Warns Against COVID-19 Vaccine Scams	Link
944084	European Commission Sees More Attempts to Create Fake COVID-19 Vaccines - President	Link
944203	EU fighting increasing cases of Covid-19 vaccine fraud, von der Leyen says	Link
945462	Commission concerned about COVID vaccines black market	Link
952600	Warning as criminals sell fake Covid vaccines	Link
956329	EU's anti-fraud body warns against COVID-19 vaccine scams - WIVB.com	Link
963916	EUs anti-fraud body warns against COVID-19 vaccine scams	Link
972831	Fake Vaccines Could Be Infiltrating Europe's Supply Chain	Link
975926	Afternoon Coffee: Icertis funding; Jobless claims; Fraud COVID-19 vaccine	Link

Notes: [...] The European Anti-Fraud Office (OLAF) said it was aware of reports of fraudsters seeking to sell vaccines in the EU, including through offering fake vaccines.

"They are hoaxes organised to defraud national authorities looking to step up the pace of vaccination to keep their citizens safe," the agency said in a statement.

OLAF said it was extending its inquiry into fake COVID-19 protection products to tackle illicit vaccine trade coming from illegal imports as well as counterfeit medicines.

Since opening the investigation last March, OLAF said, it had helped identify over 1,000 suspicious operations and seize over 14 million items, including faulty face masks and fake test kits. [...]

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

Publication date	2021-03-01
Create date	2021-03-02
Score	29.28
Report id	961443
Category	Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention, Antiseptic
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	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 5: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	Link

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

March 30, 2021



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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 "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"))

Start date	2021-02-01
End date	2021-02-28
Language	en
Report type	incident
Curation status	validated

1 Charleston cosmetics supplier accused of fraud for selling unapproved PPE

Publication date	2021-02-08
Create date	2021-02-09
Score	55.35
Report id	930832
Category	Medical devices for disease prevention
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Charleston cosmetics supplier accused of fraud for selling unapproved PPE ABC NEWS 4

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

Table 1: Places for report 930832

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Charleston	32.77657	-79.93092

Table 2: Other Stories

ID	Title	Link
932033	King Street business at center of Count on 2 investigation sued for selling fake KN-95 masks	Link

Notes: A Charleston-based cosmetics company is accused of defrauding a logistics and distribution company out of more than half a million dollars by selling counterfeit personal protective equipment (PPE) amid the coronavirus pandemic. [...] Attorneys for BMY allege Kadosh solicited BMY's business in April 2020 at the onset of the COVID-19 pandemic, promising to deliver 320,000 medical-grade Chinese KN95 masks for a price of \$640,000 (\$2 per mask).

BMY's attorneys claim the company paid Ally for the masks expecting certified medical-grade PPE. Instead, a client BMY shipped the masks to rejected them immediately, saying the masks didn't meet federal inspection requirements to be considered effective for use against the coronavirus.

BMY claims Ally and Kadosh knowingly sold the company masks that didn't meet FDA re-

quirements, and have failed to refund the \$640,000 BMY paid in late April despite several demands for repayment.

2 US govt seizes roughly 10M phony N95 masks in COVID-19 probe

Publication date	2021-02-17
Create date	2021-02-19
Score	38.90
Report id	944494
Category	Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: US govt seizes roughly 10M phony N95 masks in COVID-19 probe ActionNewsJax.com

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

Table 3: Places for report 944494

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Washington	37.13054	-113.50829

Table 4: Other Stories

ID	Title	Link
944497	US government seizes roughly 10M phony N95 masks in COVID-19 probe	Link
944551	US govt seizes over 10M phony N95 masks in COVID-19 probe	Link
944553	Feds Seize More Than 10M Fake N95 Masks in New Investigation	Link
944567	US government seizes roughly 10M fake N95 masks in COVID-19 probe	Link
944569	US government seizes millions of fake N95 masks in COVID-19 probe	Link
944615	The Latest: US government seizes over 10M fake N95 masks	Link
944620	Feds seize 10 million fake N95 masks in growing COVID-19 investigation	Link
944622	Federal agents seize over 10 million phony N95 masks in COVID-19 probe	Link

Table 4: Other Stories(continued)

ID	Title	Link
944716	U.S. Agents Seize 10 Million Counterfeit N95 Face Masks	Link
944717	DHS Seizes 11 Million Counterfeit N95 Masks Bound for Frontline Workers	Link
944724	DHS seizes over 11 million counterfeit 3M N95 masks, more raids to come	Link
944785	Feds seize over 10M phony N95 masks in COVID-19 probe; US scrambles to map virus mutations	Link
944790	Federal agents have seized 10 million fake N95 masks	Link
944852	Feds issue warning after seizing millions of counterfeit masks	Link
944854	US Govt Seizes Roughly 10M Phony N95 Masks In COVID-19 Probe	Link
944903	U.S. Seizes One Million More Counterfeit N95 Masks	Link
944941	Counterfeiters have flooded the market for N95 and KN95 masks. Here's how to buy real ones.	Link
945062	Coronavirus live news: Hong Kong fast-tracks approval of Sinovac vaccine; US agents seize 10m fake N95 masks	Link
945142	U.S. government seizes over 10M phony N95 masks in COVID-19 probe	Link
945259	More than 11 million counterfeit N95 masks seized in recent weeks, DHS says	Link
945457	U.S. seizes 10 million fake 3M brand N95 masks in coronavirus investigation	Link
945500	Covid updates: Millions of fake N95 masks seized; U.S. investing in variant detection	Link
945749	DHS seizes 10 million counterfeit 3M N95 masks, some possibly headed to hospitals	Link
945826	US life expectancy fell drastically in 2020; US seizes 11M counterfeit N95s — 7 COVID-19 updates	Link
945827	Federal agents seize over 10 million counterfeit N95 masks	Link
946015	Feds seize millions of fake N95 masks	Link
946262	Homeland Security seizes roughly 10 million phony N95 masks in ongoing counterfeit investigation across the US	Link
946314	Newsy Investigation: How Fake N95 Masks End Up In Hospitals	Link
946407	Millions of Counterfeit N95 Masks Seized	Link
947115	Feds Seize Millions Of Counterfeit Virus Masks - wbckfm.com	Link
947601	More than 10 million fake N95 masks seized by US government in COVID-19 probe	Link

Table 4: Other Stories(continued)

ID	Title	Link
947844	US authorities seize over 10 million bogus N95 masks in COVID-19 probe	Link
947845	U.S. Seizes Over 10 Million Fake N95 Masks In COVID-19 Probe	Link
947846	Roughly 10 million fake N95 masks seized in US government's COVID-19 probe	Link
947847	U.S. seizes over 10 million phony N95 masks in COVID-19 probe	Link
947849	About 2 million fake N95 masks found in Washington state, pulled from shelves	Link
947850	Homeland Security seizes more than 11 million counterfeit N95 in nationwide scam	Link
947851	US Issues Warnings After Seizing Millions Of Counterfeit N95 Masks	Link
947852	Federal Authorities Are Increasingly Finding Counterfeit N95 Masks	Link
947853	US federal agents have seized roughly 10m fake N95 masks in recent weeks	Link
947854	Federal agents seize more than 11 million fake N95 masks TheHill	Link
947855	Millions of fake N95 masks shipped to multiple states, feds say	Link
947860	Federal Authorities Have Seized 11 Million Counterfeit N95 Face Masks	Link
947861	Homeland Security Has a New Warning About These Counterfeit Masks	Link
947912	Federal agents seize more than 10 million fake N95 masks in recent weeks	Link
947913	Federal agents seize more than 10M phony N95 masks in COVID-19 probe	Link
947981	WATCH: U.S. federal agents seize over 10 million fake N95 masks	Link
947982	US seizes roughly 10M phony N95 masks in COVID-19 probe	Link
948436	DHS Seizes 11 Million Counterfeit N95 Masks	Link
950227	US Govt Seizes Roughly 10M Phony N95 Masks in COVID-19 Probe	Link
950979	US investigating massive counterfeit N95 mask scam	Link
953627	DHS seizes 10 million counterfeit 3M N95 masks, some possibly headed to hospitals X101 Always Classic	Link
954411	Beware of COVID-19 vaccine scams, CDC warns older adults	Link
956324	Feds Seize Millions Of Counterfeit Virus Masks	Link
956717	Fake N-95 Masks Seized From Maryland Warehouse - 9 & 10 News	Link

Table 4: Other Stories(continued)

ID	Title	Link
963079	Counterfeit masks sold to Washington hospitals may actually be effective	Link
963545	Counterfeit N-95 Masks Actually Working, Say WA Officials	Link
963607	Feds target massive N95 mask scam: 'We've seen a lot of fraud and other illegal activity'	Link
967959	Feds investigating as more and more fake N95 masks are turning up	Link
980452	US seizes 10 million fake 3M brand N95 masks in coronavirus investigation	Link
985623	The Dangers of Counterfeit PPE	Link

Notes: Federal agents have seized more than 10 million fake 3M brand N95 masks in recent weeks, the result of an ongoing investigation into counterfeits sold in at least five states to hospitals, medical facilities and government agencies.

The most recent seizures occurred Wednesday when Homeland Security agents intercepted hundreds of thousands of counterfeit 3M masks in an East Coast warehouse that were set to be distributed, officials said. [...]

3 Ontario warns of potential counterfeit N95 masks in provincial stockpile

Publication date	2021-02-26
Create date	2021-03-02
Score	34.27
Report id	957784
Category	Vaccine
Quality	Falsified
Source	Not applicable
Curation	Manually curated
Incident or General	Incident

Snippet: Ontario warns of potential counterfeit N95 masks in provincial stockpile CTV News

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

Table 5: Places for report 957784

Region Name	Country	Location	Latitude	Longitude
Americas	Canada	Ontario	49.25014	-84.49983

Table 6: Drugs for report 957784

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 7: Other Stories

ID	Title	Link
957785	Ontario warns health-care providers of counterfeit N95 masks sent from its stockpile	Link
958688	Ontario says counterfeit N95 masks may have been distributed to healthcare providers amid coronavirus pandemic	Link
959505	Ontario government warns health care providers of counterfeit N95 masks sent from stockpile	Link
959507	Counterfeit N95 masks could have been given to health care workers: Ministry of Health	Link

Notes: The Ontario government says it is aware of potential counterfeit N95 masks within the provincial personal protective equipment (PPE) stockpile, including some that were distributed to health-care providers.

Health system partners were notified of the counterfeit masks in a memo sent on Friday. In the memo the province identifies lot codes for the N95 respirators, and urges health partners to review their current inventory "to see if you have any of the identified lot numbers received from the ministry's warehouse." [...]

4 COVID NYC Update: 1.7 million counterfeit 3M N95 masks seized from Long Island City warehouse

Publication date	2021-02-11
Create date	2021-02-12
Score	30.64
Report id	934549
Category	Medical devices for disease prevention
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: COVID NYC Update: 1.7 million counterfeit 3M N95 masks seized from Long Island City warehouse WABC-TV

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

Table 8: Places for report 934549

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Queens	40.68149	-73.83652
Americas	United States	New York City	40.71427	-74.00597
Americas	United States	Long Island City	40.74482	-73.94875
Americas	United States	Long Island	43.68425	-70.17116

Table 9: Other Stories

ID	Title	Link
934746	Nearly two million fake N95 masks seized in Queens warehouse bust	Link
934754	DA: 1.7 million bogus N95 masks seized from Queens warehouse	Link
935082	Massive Counterfeit N-95 Face Mask Bust in Queens	Link
935770	Counterfeit N95 Scam Widens as Senator Demands FTC Investigation	Link
935930	These fake masks looked real, and sold by the millions.	Link
936352	More Than 1.7 Million Counterfeit N95 Masks Seized in Queens Warehouse	Link
936905	Counterfeit masks seized in warehouse Central/Mid/Western Queens News qchron.com	Link

Table 9: Other Stories(continued)

ID	Title	Link
937465	DA: 1.7 Million Bogus N95 Masks Seized From Queens Warehouse	Link
943986	DA: Over 1.7 million counterfeit N95 masks seized from Queens warehouse	Link
944959	Counterfeit N95 scam widens as senator demands FTC investigation	Link
945882	1.7 million counterfeit masks, other PPE seized from Queens warehouse	Link
947493	DA Seizes 1.7M Counterfeit N95 Masks From LIC Warehouse	Link
947737	Queens DA Seizes 1.7M pieces of PPE Equipment from LIC Warehouse	Link
959684	Investigators Seize 1.7 Million Counterfeit N95 Face Masks From Queens Warehouse	Link
966498	1.7 Million Fake N95 Masks Seized In Queens, 1 Arrested: DA	Link
979158	Counterfeit masks seized in warehouse Central/Mid/Western Queens News qchron.com	Link

Notes: Queens District Attorney Melinda Katz announced Thursday the seizure of over 1.7 million counterfeit 3M N95 face masks stockpiled in a Long Island City warehouse and the arrest of the warehouse manager.

Authorities say the counterfeit goods were ready for sale to unsuspecting medical workers. [...] "These items were packed in boxes, piled high on more than 100 shipping pallets," Katz said. [...] Instead, the substandard masks were imported from overseas, or produced in the warehouse, and repackaged with 3M branding. [...]

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

Publication date	2021-03-01
Create date	2021-03-02
Score	30.47
Report id	961443
Category	Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention, Antiseptic
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	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 10: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	Link

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. [...]

6 Feds seize 460,000 counterfeit N-95 masks heading to Seattle area

Publication date	2021-02-26
Create date	2021-03-01
Score	30.30
Report id	957577
Category	Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Feds seize 460,000 counterfeit N-95 masks heading to Seattle area KATU

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

Table 11: Places for report 957577

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Seattle	47.60621	-122.33207

Table 12: Other Stories

ID	Title	Link
957643	Homeland Security seizes more than 460,000 fake N95 masks destined for Puget Sound region	Link
959506	Feds seize 460,000 counterfeit N95 face masks in Seattle	Link
959825	460,000 N95 masks intended to protect Washington first responders were fake, feds say	Link
963425	HSI, FBI, CBP Seize More Than 460,000 Counterfeit N-95 Masks en Route to First Responders	Link
984744	Seattle agents seize more than 460,000 counterfeit surgical masks sold to first responders	Link

Notes: More than 460,000 counterfeit 3M N-95 surgical masks that were on their way to Puget Sound area first responders were intercepted by federal investigators, Homeland Security officials said. The masks are a critical tool used by health care providers and first responders to protect

themselves from the spread of COVID-19 and other airborne dangers. [...]

7 EU's anti-fraud agency warns against fake COVID vaccines

Publication date	2021-02-15
Create date	2021-02-16
Score	27.43
Report id	941124
Category	Medical device for screening/diagnosis/monitoring, Other, Vaccine, Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: EU's anti-fraud agency warns against fake COVID vaccines swissinfo.ch

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

Table 13: Places for report 941124

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 14: Drugs for report 941124

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 15: Other Stories

ID	Title	Link
941182	European anti-fraud office warns against fraudsters offering COVID-19 vaccines	Link
941189	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941198	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941201	European Unions anti-fraud body warns against Covid-19 vaccine scams	Link
941202	EU's anti-fraud body warns against COVID-19 vaccine scams	Link

Table 15: Other Stories(continued)

ID	Title	Link
941308	Coronavirus latest: EU anti-fraud office widens probe to include fake Covid vaccines	Link
942024	EU fraud agency warns governments on vaccine scams	Link
942091	EU's anti-fraud agency warns against fake Covid vaccines	Link
942456	Working together to stop fraud: EUs anti-fraud agency warns against fake COVID vaccines	Link
942814	EU warns from fake vaccine fraudsters	Link
942821	EU Anti-Graft Agency Warns of Fake COVID-19 Vaccines	Link
943632	World News EU's Anti-fraud Body Warns Against COVID-19 Vaccine Scams	Link
944084	European Commission Sees More Attempts to Create Fake COVID-19 Vaccines - President	Link
944203	EU fighting increasing cases of Covid-19 vaccine fraud, von der Leyen says	Link
945462	Commission concerned about COVID vaccines black market	Link
952600	Warning as criminals sell fake Covid vaccines	Link
956329	EU's anti-fraud body warns against COVID-19 vaccine scams - WIVB.com	Link
963916	EUs anti-fraud body warns against COVID-19 vaccine scams	Link
972831	Fake Vaccines Could Be Infiltrating Europe's Supply Chain	Link
975926	Afternoon Coffee: Icertis funding; Jobless claims; Fraud COVID-19 vaccine	Link

Notes: [...] The European Anti-Fraud Office (OLAF) said it was aware of reports of fraudsters seeking to sell vaccines in the EU, including through offering fake vaccines.

"They are hoaxes organised to defraud national authorities looking to step up the pace of vaccination to keep their citizens safe," the agency said in a statement.

OLAF said it was extending its inquiry into fake COVID-19 protection products to tackle illicit vaccine trade coming from illegal imports as well as counterfeit medicines.

Since opening the investigation last March, OLAF said, it had helped identify over 1,000 suspicious operations and seize over 14 million items, including faulty face masks and fake test kits. [...]

8 Push to expand loans; Maine got potentially counterfeit N95s

Publication date	2021-02-12
Create date	2021-02-15
Score	23.20
Report id	937169
Category	Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Push to expand loans; Maine got potentially counterfeit N95s Raleigh News & Observer

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

Table 16: Places for report 937169

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Maine	45.50032	-69.24977

Table 17: Other Stories

ID	Title	Link
937813	Maine bought over 2 million potentially counterfeit masks now subject to recall	Link
946477	Maine Impacted by Recall of Potential Counterfeit N95 Masks	Link

Notes: [...] The Maine Department of Administrative and Financial Services said it has received notification of a national recall on N95 respirators that had lots numbers matching those purchased by the state. The alert states that the respirators carry "a significant risk of being counterfeit and should not be used," the financial services department said in a statement.

The department said the state has distributed about 161,000 respirators now subject to recall. The respirators went to school nurses, health care facilities and some state workers, the department said. [...]

9 Tower Health stung by shipment of counterfeit N95 masks

Publication date	2021-02-08
Create date	2021-02-09
Score	20.13
Report id	930096
Category	Medical devices for disease prevention
Quality	Falsified
Source	Distributor/Wholesaler
Curation	Manually curated
Incident or General	Incident

Snippet: Tower Health stung by shipment of counterfeit N95 masks Philadelphia Business Journal

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

Table 18: Places for report 930096

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Philadelphia	39.95233	-75.16379

Table 19: Other Stories

ID	Title	Link
950656	Tower Health received shipment of counterfeit N95 masks - Philadelphia Business Journal	Link

Notes: Tower Health, one of the region's largest health systems, was the recent victim of a delivery of fraudulent N95 masks. [...] "Our alternative vendor was supplied with what it thought were 3M N95 masks, but which were counterfeit," the letter reads. "We are not the only health system to be impacted. Others around the world have also reported unknowingly receiving fake 3M N95 masks." [...] In the letter, Tower Health said it learned of the issue Feb. 3 and the health system's supply chain team immediately began recalling the masks throughout its system. The effort included contacting its hospitals, outpatient facilities, urgent care centers, physician practices, and home care division. [...] Tower Health says 12% of the counterfeit masks were distributed, and the rest have been removed from its inventory. Tower Health said its supply team is replacing all the counterfeit masks and expects a new shipment of authentic masks this week. The health system is allocating its existing limited supply of authentic 1860 3M masks to hospital intensive care units, according to the letter. [...]

10 One million high-grade NHS masks withdrawn over safety concerns

Publication date	2021-02-23
Create date	2021-03-02
Score	19.89
Report id	961203
Category	Medical devices for disease prevention
Quality	Substandard
Source	Distributor/Wholesaler
Curation	Manually curated
Incident or General	Incident

Snippet: One million high-grade NHS masks withdrawn over safety concerns BBC News

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

Table 20: Places for report 961203

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	United Kingdom of Great Britain and Northern Ireland	54.75844	-2.69531

Notes: The Department of Health told the BBC there are 1.12 million of these masks either in use or in hospital stores and has told staff to stop using them.

Distribution of some gloves has also been suspended because they may not meet technical requirements.

The Department of Health said safety of frontline staff was an absolute priority.

Its warning concerns a specific brand of FFP3 mask, which are more sophisticated than surgical masks and are worn in intensive care or when certain procedures are carried out that can generate aerosols. [...] The Department of Health and Social Care's (DHSC) alert last week warned that a certain type of FFP3 - branded "Fang Tian" and marked as FT-045 - may not meet the required technical specifications. [...] The DHSC also issued an alert about "nitri-hand" non-sterile nitrile examination gloves - 27 million of these have been supplied by Full Support Group since June last year. The packaging for the gloves is understood to say they had not been tested for resistance to virus. [...]

11 Some Washington hospitals purchased fake N95 masks

Publication date	2021-02-07
Create date	2021-02-08
Score	19.39
Report id	928739
Category	Medical devices for disease prevention
Quality	Falsified
Source	Hospital pharmacy
Curation	Manually curated
Incident or General	Incident

Snippet: Some Washington hospitals purchased fake N95 masks KREM.com

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

Table 21: Places for report 928739

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Washington	37.13054	-113.50829
Americas	United States	Spokane	47.65966	-117.42908

Table 22: Other Stories

ID	Title	Link
928741	Thousands of N95 masks bought by local hospitals are counterfeit, state hospital association says	Link
928831	Washington's hospitals send N95 masks to 3M for testing and discover many are knockoffs	Link
928920	Washington hospitals bought hundreds of thousands of potentially fraudulent N95 masks	Link
929899	300,000 fake N95 masks distributed to dozens of Washington hospitals	Link
930022	WATCH LIVE: Officials give update after 300,000 fake N95 masks sent to hospitals	Link
930097	Hundreds of thousands of counterfeit N95 masks purchased by Washington hospitals	Link
930401	Washington state hospitals scramble to find counterfeit N95 masks, test staffers	Link
930460	300000 fake N95 masks ordered for dozens of Washington hospitals	Link

Table 22: Other Stories(continued)

ID	Title	Link
930650	'Unacceptable': Dozens of Washington hospitals find fake N95 masks in their inventory	Link
930767	Oregon hospitals re-examine PPE after counterfeit N95 masks found in Washington	Link
931133	Washington hospitals pulling fake N95 masks off shelves: 'We're horrified'	Link
931241	Counterfeit N95 masks frustrate state hospitals, front-line staff	Link
931379	Counterfeit 3M masks sent to numerous hospitals in Washington state	Link
931380	Hospital association warns state's hospitals about counterfeit N95 masks 1170 KPUG-AM	Link
931458	Coronavirus: Dozens of Washington hospitals pulling potentially fake N95 masks from shelves	Link
931774	Washington state hospitals unknowingly bought 300,000 fake N95 masks for their healthcare workers	Link
932214	Washington State Hospitals Scramble to Find Counterfeit N95 Masks, Test Staffers	Link
932215	Fake N95 masks plague hospitals across Washington state	Link
932216	40 hospitals across Washington state may have received counterfeit N95 masks, officials say	Link
932217	Washington state hospitals learn their supply of N95 masks contain fakes	Link
932218	Washington hospitals find counterfeits in 3M mask supplies	Link
932219	Mask frauds hits Washington hospitals; some workers were using counterfeit N95 respirators	Link
932220	Fake N95 masks reportedly sent to dozens of Washington state hospitals	Link
932221	40 Washington Hospitals May Have Received Fake N95 Masks	Link
932222	WSHA: Hundreds of thousands of counterfeit N95 masks purchased by Washington hospitals	Link
932223	Franciscan hospitals find fake N95 masks in...	Link
932224	More than 40 Washington Hospitals Receive Fake N95 Masks - Campus Safety	Link
932225	Hospital association warns state's hospitals about counterfeit N95 masks	Link
932226	Fake N-95 masks distributed to Washington hospitals	Link
932227	Masks thought to be made by 3M turn out to be fake; lots of questions yet to be answered	Link
932228	Hospitals send N95 masks to 3M for testing and discover many are knockoffs	Link

Table 22: Other Stories(continued)

ID	Title	Link
932229	Counterfeit N95 Masks Found At Dozens Of WA Hospitals	Link
932230	Tacoma health systems discover suspected counterfeit N95s in supplies amid statewide search	Link
932231	Millions of potentially fake N95 masks pulled from local hospital shelves	Link
932283	Several WA hospitals purchased counterfeit N95 masks	Link
932338	Hospitals in Washington state send N95 masks to 3M for testing and discover many are knockoffs	Link
933066	Government investigating massive counterfeit N95 mask scam	Link
933132	Feds investigating massive counterfeit N95 mask scam	Link
933163	Government investigating massive counterfeit N95 mask scam: 'We've seen a lot of fraud'	Link
933165	N95 mask scam: Federal government says counterfeit masks sold to hospitals in at least 5 states	Link
933178	U.S. investigating massive counterfeit N95 mask scam	Link
933235	Feds Investigating Giant Counterfeit N95 Mask Scam	Link
933280	Feds investigate massive N95 counterfeit mask scam	Link
933312	US investigating massive counterfeit N95 mask scam; South African virus variant found in California	Link
933516	Millions of Counterfeit N95 Masks Were Bought in 5 States, U.S. Says	Link
933796	Daily COVID Tracker: 269 health workers infected in Edo, 'fake masks' and 8,000 job cuts	Link
933973	Health Workers and Hospitals Grapple With Millions of Counterfeit N95 Masks	Link
933983	Hospitals in at least five states unknowingly bought fake N95 masks	Link
933988	Millions of counterfeit N95 masks distributed to health care workers in the U.S.	Link
934396	Massive fake N95 mask scam under investigation, feds say	Link
934489	COVID-19: Millions Of Phony N95 Face Masks Distributed In US	Link
934559	Health workers, hospitals grapple with counterfeit N95 masks	Link
934734	Millions of counterfeit N95 masks were bought by hospitals and others in 5 states, US says	Link
934952	Homeland Security Investigating Counterfeit N95 Mask Operation	Link
935145	Feds: Fake 3M masks sold to hospitals, government agencies in at least 5 states	Link

Table 22: Other Stories(continued)

ID	Title	Link
935280	Federal Government Is Investigating Counterfeit N-95 Mask Operation	Link
936214	Health workers and hospitals grapple with millions of counterfeit N95 masks	Link
936916	Counterfeit 3M N95 masks being sold to some health-care facilities	Link
937063	Feds investigate massive counterfeit mask operation	Link
938380	Homeland security investigating counterfeit N95 mask operation	Link
938381	Millions of counterfeit N95 face masks sold to Americans	Link
938913	LA County Working To Address Racial Disparities In Distribution Of COVID-19 Vaccines	Link
938927	Health Workers, Hospitals Grapple With Millions Of Counterfeit N95 Masks	Link
938981	US hospitals grapple with millions of fake N95 masks amid coronavirus	Link
941003	Counterfeit N95 masks hit U.S. hospitals by the millions. But some work surprisingly well.	Link
941257	Health Workers and Hospitals Grappling With Counterfeit N95 Masks	Link
941869	Counterfeit N95 masks sold in 5 states in US	Link
942238	Homeland Security warns of massive fake 3M mask ring	Link
942524	Health workers and hospitals grapple with millions of counterfeit N95 Masks	Link
942769	How millions of counterfeit N95 masks are 'sneaking in' to the United States	Link
944274	Counterfeit N95 masks sold to US healthcare, government workers	Link
945260	Fake N95 masks sold in 5 states in massive scam, federal investigators say	Link
945522	Washington Hospitals Fall Victims To Counterfeit Mask Scam	Link
952326	Counterfeit N95 mask scam being investigated Press Releases businessnorth.com	Link
962319	Feds investigating massive counterfeit N95 mask scam - WIVB.com	Link
969001	Franciscan hospitals find fake N95 masks in storage Courier-Herald	Link
969091	Fake masks delivered to Washington hospitals worked surprisingly well, officials say	Link
971066	More Counterfeit N95 Respirators Removed From Hospitals	Link

Table 22: Other Stories(continued)

ID	Title	Link
976807	Health workers and hospitals grapple with millions of counterfeit N95 masks	Link

Notes: The Washington State Hospital Association and some Washington hospitals discovered their N95 masks were counterfeit after an analysis by 3M, a company that manufactures the masks. [...] "We sent some samples to 3M, their fraud department late Friday and early Saturday and got confirmation yesterday afternoon. Indeed, there are for sure some fraudulent masks in Washington State," said Cassie Sauer, President and CEO of WSHA.

The company flagged several lot numbers that potentially contained counterfeit masks. Those lot numbers are among the stock purchased by some Washington state hospitals and the hospital association, according to the release. [...] The following lot codes were the ones affected by the counterfeits, according to Sauer:

Model 1860: B19029, B19206, B19240, B19130, B19133, B19155, B19161, B19206, B19314, B20010, B20013, B20016, B20018, B20020, B20021, B20022, B20025, B20060, B20119, B20245, R20025, R20102, R20144, R20150, R20294

Model 1860S: B20522, B20659, B20670, R20522

12 Dr. Paul's Lab - 612964 - 02/16/2021 - 2021-02-17

Publication date	2021-02-17
Create date	2021-02-19
Score	17.12
Report id	944261
Category	Other
Quality	Diverted/Unregistered
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 23: Places for report 944261

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Mazomanie	43.17666	-89.79485

Notes: [...] Some examples of the claims 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:

"COVID-Aid Tincture . . . Directions: If illness [is] suspected, take 1 cc (1 dropperful) under tongue 4–6 times daily until symptoms subside." [from your product label, the product catalog on your website <http://draulslab.net/wp-content/uploads/2020/09/Catalog-Final1.pdf> and the product page on the website <https://drsarahsessentials.com/products/covid-aid>]. [...]

13 Zimbabwe: Alarm Raised Over Defective Covid-19 Test Kits - AllAfrica

Publication date	2021-02-11
Create date	2021-02-12
Score	14.52
Report id	934414
Category	Medical device for screening/diagnosis/monitoring
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Zimbabwe: Alarm Raised Over Defective Covid-19 Test Kits AllAfrica - Top Africa News

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

Table 24: Places for report 934414

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Zimbabwe	Republic of Zimbabwe	-19	29.75

Notes: ZIMBABWE'S Covid-19 statistics could be highly misleading due to the health ministry's derelict of duty which has seen some sub-standard test kits finding the way on the market.

These defective test kits have turned out to have a lowly 20% accuracy rate and are by-passing mandatory quality checks by key medical equipment vetting bodies straight to medical laboratory centres and other testing centres like clinics and hospitals. [...] However, in its investigations, NewZimbabwe.com established a number of test kits being used in the country with brands such as Nantong Diagnos Covid-19, Covid-19 Antigen Rapid Test Kit and Diagreat Rapid have an accuracy rate of only 20% leading to a high percentage of false negative results. [...]

14 Belgians warned to shun mask distributed by government

Publication date	2021-02-25
Create date	2021-02-26
Score	14.44
Report id	956266
Category	Medical devices for disease prevention
Quality	Substandard
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Belgians warned to shun mask distributed by government Medical Xpress

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

Table 25: Places for report 956266

Region Name	Country	Location	Latitude	Longitude
Europe	Belgium	Kingdom of Belgium	50.75	4.5

Notes: [...] In June last year, Belgium's central government procured 15 million Avrox masks and made them available free via private pharmacies to help protect its 11.5 million people.

But local communes were distributing masks directly to households and many private enterprises were selling them, reportedly meaning only a third of the federal models were used.

Now, following complaints from rival Belgian manufacturers, the CSS is investigating whether the masks are contaminated with toxic nanoparticles of silver and with titanium dioxide. [...]

15 108K counterfeit 3M face masks seized in Cincinnati

Publication date	2021-02-18
Create date	2021-03-10
Score	14.21
Report id	969460
Category	Medical devices for disease prevention
Quality	Falsified
Source	Land point of entry
Curation	Manually curated
Incident or General	Incident

Snippet: 108K counterfeit 3M face masks seized in Cincinnati WXIX

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

Table 26: Places for report 969460

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Cincinnati	39.12711	-84.51439

Table 27: Other Stories

ID	Title	Link
973618	108000 Counterfeit 3M Surgical Masks Stopped by Cincinnati CBP	Link

Notes: U.S. Customs and Border Protection (CBP) officers in Cincinnati seized 450 boxes of counterfeit 3M surgical masks on Feb. 11.

CBP says each box contained 240 masks, for a total of 108,000 counterfeit items.

The masks were destined to a logistics company in Montreal, Quebec, and would have had a retail price of \$137,160 had they been genuine, though their invoiced value was only \$720, according to CBP.

CBP says the retail packaging was marked with "Made in the USA," however, the merchandise was imported from a logistics company in Hong Kong. [...]

16 Greek Police Probe Theft of COVID-19 Vaccine Vial Holding Six Doses

Publication date	2021-02-11
Create date	2021-02-23
Score	11.67
Report id	948981
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Greek Police Probe Theft of COVID-19 Vaccine Vial Holding Six Doses The National Herald

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

Table 28: Places for report 948981

Region Name	Country	Location	Latitude	Longitude
Europe	Greece	Peristéri	38.01539	23.69187

Table 29: Other Stories

ID	Title	Link
951196	Greek police investigate theft of COVID-19 vaccine vial holding six doses TornosNews.gr	Link

Notes: Greek Police are looking into the apparent theft of a vial of the COVID-19 Pfizer/BioNTech vaccine holding six doses that vanished from a medical center in the neighborhood of Peristeri. A nurse told police she took it out from a freezer to administer a dose and left it on a specific spot but left them room - without saying why - and that it wasn't there when she went back to get it, reported Kathimerini. [...]

17 Covid-19 vaccines hit the black market | The Strategist

Publication date	2021-02-21
Create date	2021-02-23
Score	11.45
Report id	950068
Category	Vaccine
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: Covid-19 vaccines hit the black market | The Strategist The Strategist

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

Table 30: Places for report 950068

Region Name	Country	Location	Latitude	Longitude
Western Asia	Ukraine	Ukraine	49	32
Americas	United States	United States	39.76	-98.5
Melanesia	Australia	Commonwealth of Australia	-25	135

Table 31: Drugs for report 950068

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: As the global rollout of vaccines against Covid-19 gathers pace, there are already reports of a vibrant black market for the various vaccine candidates. A black market usually springs up fairly quickly when there's a shortage of an item and people are prepared to pay substantial sums to obtain it. With Covid-19, there's the added incentive for buyers of avoiding death or serious illness. [...] Meanwhile, Ukrainian police are investigating reports that some wealthy and influential Ukrainians were inoculated after paying up to \$4,700 per dose, probably of the Pfizer vaccine. Reports suggest that the vaccine could have been brought in from Israel and that several top Ukrainian officials and business figures have been unofficially vaccinated. [...] A shortage of any pharmaceutical soon leads to the production of fake items that can be passed off as the real thing. On the dark web, prices for Covid-19 vaccines seem to vary from a few hundred dollars to a few thousand. Many of the products are likely to be fakes. In the US,

Covid-19 scams have been widespread since the start of the pandemic, including more recently for access to vaccines. The FBI has warned of hackers, criminals and scam artists attempting to disrupt the vaccine supply chain or targeting vulnerable citizens.

In Australia, the Therapeutics Goods Administration is working closely with the Australian Border Force to prevent and detect the illegal importation and supply of vaccines. The TGA warns that it will take action against suspected illegal activity, noting: 'Breaking the laws related to therapeutic goods in Australia can result in substantial penalties, fines or imprisonment.'

18 Missouri Rep. Patricia Derges Removed From House Committees After Charged With Selling Fake Stem Cell Treatmen

Publication date	2021-02-05
Create date	2021-02-08
Score	11.00
Report id	926267
Category	Other
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Missouri Rep. Patricia Derges Removed From House Committees After Charged With Selling Fake Stem Cell Treatmen Latin Post

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

Table 32: Places for report 926267

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Missouri	38.25031	-92.50046

Table 33: Drugs for report 926267

Medicine Name	Medicine Class	Action	ATC Code
stem cells from umbilical cord blood	Other blood products	blood and related products	B05AX04

Table 34: Other Stories

ID	Title	Link
926305	Missouri lawmaker charged with selling fake stem cell fluid, claiming it was treatment for COVID-19	Link

Notes: [...] According to prosecutors, Derges administered amniotic fluid, which she claimed contained stem cells, to treat patients suffering from various diseases, including COVID-19,

kidney disease, Lyme disease, erectile dysfunction, and urinary incontinence.

Prosecutors also said Patricia Derges advertised her treatment during consultations, media interviews, seminars, and social media, touting it as an "amazing treatment" to "provide a potential cure for COVID-19 patients that is safe and natural."

U.S. Attorney for Missouri's Western District Tim Garrison said Derges was telling people that the amniotic fluid she used was a "stem cell shot" and that it contained "mesenchymal stem cells." [...]

19 Rumored Moderna vaccine shipment likely fake, says FDA

Publication date	2021-02-14
Create date	2021-02-16
Score	10.13
Report id	939722
Category	Vaccine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Rumored Moderna vaccine shipment likely fake, says FDA Sun.Star

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

Table 35: Places for report 939722

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Philippines	Manila	14.6042	120.9822

Table 36: Drugs for report 939722

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: THE Moderna vaccines against coronavirus disease 2019 (Covid-19) that were rumored to have arrived in Manila are likely fake, the Food and Drug Administration (FDA) said.

FDA Director General Eric Domingo said it was highly unlikely that the American pharmaceutical company dispatched vaccines to the Philippines as it has made no such commitment yet. "We just had a meeting with Moderna last Tuesday (February 9). They said they plan to apply for an emergency use authorization, hopefully, by next week. They also said they cannot supply us until June or July of this year," Domingo said.

"I am sure there is no actual Moderna vaccine. If ever there are arrivals, it's probably counterfeit," Domingo added.

He said he has deployed FDA personnel to conduct an investigation on the reported shipment.

"I am having that report checked soon by our regulatory enforcement unit," said Domingo.

Earlier, reports came out that there was a shipment containing vaccines from Moderna that

arrived in the country on February 11.

20 COVID-19 vaccine doses tossed around state, low amounts in Pima County

Publication date	2021-02-25
Create date	2021-02-26
Score	8.67
Report id	956586
Category	Vaccine
Quality	Substandard
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: COVID-19 vaccine doses tossed around state, low amounts in Pima County KOLD

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

Table 37: Places for report 956586

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Tucson	32.22174	-110.92648

Table 38: Drugs for report 956586

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: [...] Earlier this month KOLD News 13 sent a request to the county asking for how many COVID vaccine doses were allocated and wasted from December 1, 2020 to February 5, 2021. All-in-all, the losses seem pretty small—118 in total during that time frame. This makes up around less than .01 percent of the allocated doses to Pima County during the requested time frame. According to the county, 47 Pfizer doses were discarded or otherwise unused at the Banner North location, five at TMC and one at the U of A. The county reports during that time frame, 51 Moderna doses were lost at the Kino Sports location (or Banner South location), nine at Banner North and five at TMC. [...] A spokesperson for TMC said they have discarded 11 doses in total—one more than the county reports, though the time frame is not known. In an email, TMC said, "We have given 73,735 shots (we'll reach 75,000 by this weekend!). Eleven doses were lost due to compounding error or dropped or bent needle. We have not wasted or lost any due to expiring vaccine." [...] According to the state data, 20 doses at Banner Casa Grande

went bad due to "failure to store properly." Several doses were drawn up, opened, but not used at several sites around the state—at least one patient changed their mind at Navajo County Health. 100 doses at the La Paz Health Department were spoiled. AZ Family reports that was due to a temperature sensor in the box containing the vaccines. Twenty doses of Moderna were "lost or unaccounted for" at the Yuma Regional Medical Center. [...]

21 Fentanyl overdoses are surging in Colorado as the powerful opioid is disguised as other drugs

Publication date	2021-02-04
Create date	2021-02-05
Score	3.50
Report id	923673
Category	Anxiolytic, Opioid
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Fentanyl overdoses are surging in Colorado as the powerful opioid is disguised as other drugs The Colorado Sun

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

Table 39: Places for report 923673

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Denver	39.73915	-104.9847

Table 40: Drugs for report 923673

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: [...] In Denver, overdoses involving fentanyl more than doubled in 2020 compared with 2019. And the 119 deaths from fentanyl last year were seven times the number in 2018, when 17 people overdosed on the drug in the city, according to the Denver medical examiner's office. Statewide, overdose deaths involving fentanyl also more than doubled, rising 111% to 452 deaths last year from 214 in 2019. All overdose deaths, including from heroin, cocaine and methamphetamine, totaled 1,223 in 2020, up nearly 20% from 1,062 the year before, according to state health department data that is preliminary and expected to rise even higher.

Health officials worried that the coronavirus pandemic, which kept people isolated and led to increased rates of anxiety and depression, would also lead to more drug deaths. Data released at the close of 2020 proved those fears true. [...]

22 Fraudsters offer 400 million 'ghost' COVID vaccines in EU: officials

Publication date	2021-02-25
Create date	2021-02-26
Score	3.42
Report id	955619
Category	Vaccine
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Fraudsters offer 400 million 'ghost' COVID vaccines in EU: officials Reuters

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

Table 41: Places for report 955619

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 42: Drugs for report 955619

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 43: Other Stories

ID	Title	Link
955708	Fraudsters offer 400 million 'ghost' Covid vaccines in EU: officials	Link
955880	COVID-19: EU countries offered 12.7bn worth of fake coronavirus jabs	Link
955974	COVID-19: EU countries offered 12.7bn worth of fake COVID19 jabs	Link
956763	Fraudsters offer 400 million 'ghost' Covid vaccines in EU, say officials	Link

Notes: [...] Two officials with the bloc's executive European Commission estimated that around 400 million doses of "ghost" vaccine had been offered by fraudsters at a price of up to 3 billion euros (\$3.67 billion). [...] The official, who noted that most of the shots offered to EU governments by traders were purportedly the AstraZeneca vaccine, compared the situation to the start of the coronavirus pandemic in early 2020 when criminal exploited a shortage of masks and other protective equipment. [...] "It is unclear whether these are genuine vaccine doses or if we are just talking about salt water in small vials," the official told Reuters.

The EU had warned already that vaccine fraud was on the rise, with fake doses circulating on the market, but the extent of the problem has been unclear until now.

Annex B

4. Sanitisers and disinfectants

Medicine Quality Monitoring Globe

March 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	"wipes" OR "disinfectant" OR "sanitizer" OR "sanitizing" OR "iodoform" OR "sanitiser"
Start date	2021-02-01
End date	2021-02-28
Language	en
Report type	incident
Curation status	validated
Number of Reports	10

1 15 hand sanitizers recalled across Canada that could pose health risks | News

Publication date	2021-02-04
Create date	2021-03-24
Score	18.23
Report id	924119
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: 15 hand sanitizers recalled across Canada that could pose health risks | News Daily Hive

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

Table 1: Places for report 924119

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

Table 2: Drugs for report 924119

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
924247	Canada-wide recall issued for 15 hand sanitizers due to 'health risks'	Link

Notes: Health Canada is advising Canadians that over a dozen hand sanitizers are being recalled across the country because they "may pose health risks." The federal agency says 15 hand sanitizers have been recalled and detailed product information so Canadians can easily identify and take appropriate action. [...] The 15 products are being recalled because "they do not meet Health Canada's requirements." [...] Reasons for recall include:

containing (or possibly containing) ingredients that are not permitted by Health Canada improper labelling missing risk statements being unauthorized for sale in Canada being sold without proper product testing being counterfeit having defective or faulty packaging Health Canada will update its list if there are other affected products.

2 Simex Logistics S.A. de C.V. - 610529 - 01/28/2021 - 2021-02-09

Publication date	2021-02-09
Create date	2021-02-10
Score	15.62
Report id	931286
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 4: Places for report 931286

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Celaya	20.52353	-100.8157

Table 5: Drugs for report 931286

Medicine Name	Medicine Class	Action	ATC Code
	Antiseptics	throat preparations	R02AA
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: [...] HEALTH & HAND GEL HAND SANITIZER, 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 this product contained an average of 51% ethanol volume/volume (v/v). 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 labeling. [...]

3 Botanicals Internacional S.A. de C.V. - 609774 - 02/03/2021 - 2021-02-09

Publication date	2021-02-09
Create date	2021-02-10
Score	15.62
Report id	931284
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 6: Places for report 931284

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Cuautitlán Izcalli	19.64388	-99.21598

Table 7: Drugs for report 931284

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: [...] inatek HAND SANITIZER, a drug product 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 product contained an average of 75% (v/v) methanol and an average of 0.2% (v/v) ethyl alcohol, which is 0.3% of the amount of ethyl alcohol described on the label. Therefore, this hand sanitizer drug product is adulterated under section 501(d)(2) of the Act in that the active

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

4 ShangRao Chunyu Technology Co., Ltd. - 610194 - 02/03/2021 - 2021-02-09

Publication date	2021-02-09
Create date	2021-02-10
Score	15.62
Report id	931282
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: CGMP/Finished Pharmaceuticals/Adulterated

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

Table 8: Places for report 931282

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Eastern Asia	China	Shangrao	28.45179	117.94287

Table 9: Drugs for report 931282

Medicine Name	Medicine Class	Action	ATC Code
	Antiseptics	throat preparations	R02AA
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: [...] Instant – Hand Sanitizer – Moisturizing, declared to be manufactured at your facility, is labeled to contain 75% 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 an average of only 58% ethanol volume/volume. 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. [...]

5 AAA Cosmetica, SA de CV - 609083 - 02/03/2021 - 2021-02-09

Publication date	2021-02-09
Create date	2021-02-10
Score	15.62
Report id	931283
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 10: Places for report 931283

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Tlalnepantla	19.54005	-99.19538

Table 11: Drugs for report 931283

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: [...] bio aaa ADVANCE HAND SANITIZER, labeled as 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 the drug product contained 0% ethanol and an average of 78 - 81% 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. [...]

6 Precision Analitica Integral S.A. de C.V. - 609784 - 02/05/2021 - 2021-02-09

Publication date	2021-02-09
Create date	2021-02-10
Score	15.62
Report id	931281
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 12: Places for report 931281

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Álvaro Obregón	19.35867	-99.20329
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Mexico	23	-102

Table 13: Drugs for report 931281

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 14: Other Stories

ID	Title	Link
934393	More Hand Sanitizers Stopped At The Border	Link

Notes: [...] CleanCare no germ ADVANCED HAND SANITIZER, a drug product labeled as 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 product contained an average of 40% ethanol v/v and an average of 28% 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. [...]

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

Publication date	2021-03-01
Create date	2021-03-02
Score	13.39
Report id	961443
Category	Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention, Antiseptic
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	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 15: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	Link

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 UP: 3 detained for involvement in repackaging expired drugs for sale from Agra, Mathura

Publication date	2021-02-08
Create date	2021-02-09
Score	7.03
Report id	930007
Category	Antidepressant, Antiepileptic
Quality	Substandard
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: UP: 3 detained for involvement in repackaging expired drugs for sale from Agra, Mathura Times of India

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

Table 16: Places for report 930007

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Mathura	27.5035	77.67215
Southern Asia	India	Agra	27.18333	78.01667

Table 17: Drugs for report 930007

Medicine Name	Medicine Class	Action	ATC Code
pregabalin	Other antiepileptics	antiepileptics	N03AX16
nortriptyline	Non-selective monoamine reuptake inhibitors	antidepressants	N06AA10

Table 18: Other Stories

ID	Title	Link
930633	3 detained for involvement in repackaging expired drugs for sale from Agra, Mathura	Link

Notes: In a major drive against spurious drugs being sold openly in the market, Agra police along with officials of food safety and drug administration raided a firm on Monday and detained two persons for allegedly repackaging expired drugs by wiping out original expiry dates and affixing new ones for resale in the market. Police have also detained one more person from Mathura for providing space in his company for packaging such spurious medicines. The expired drug which was found at the firm for repackaging was Pregabalin+Nortriptyline, which is used in the treatment of neuropathic pain. [...]

9 Covid-19: Abu Dhabi seizes counterfeit hand sanitisers from factory

Publication date	2021-02-17
Create date	2021-02-19
Score	6.84
Report id	944290
Category	Antiseptic
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: Covid-19: Abu Dhabi seizes counterfeit hand sanitisers from factory Khaleej Times

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

Table 19: Places for report 944290

Region Name	Country	Location	Latitude	Longitude
Western Asia	United Arab Emirates	Abu Dhabi	24.46667	54.36667

Notes: Counterfeit hand sanitisers bearing the trademark of a global brand have been seized from a factory in Abu Dhabi. The Abu Dhabi Department of Economic Development (ADDED) said it raided the facility during a filed inspection carried out in coordination with the Abu Dhabi Police. The raid, which was intended to fight off commercial counterfeit, happened after the authorities received information about the duplicate products being produced there.

The factory was found putting labels of a big international brand on the products.

All the fake items at the facility were seized and the owners have been referred to the public prosecution for legal action.

10 Grupo Yacana Mexico, S.A.S. de C.V. - 609824 - 01/26/2021 - 2021-02-02

Publication date	2021-02-02
Create date	2021-02-03
Score	5.22
Report id	920598
Category	Antiseptic
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 20: Places for report 920598

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

Table 21: Drugs for report 920598

Medicine Name	Medicine Class	Action	ATC Code
	Antiseptics	throat preparations	R02AA
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: [...] YACANA Alcohol Antiseptic 70% Topical Solution Antiseptic Hand Rub, 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 one batch of this product detained at the border found that the drug product contained on average 0.04% ethanol v/v and an average of 63% methanol v/v. FDA laboratory testing of another batch of this product

detained at the border found on average 3.6% ethanol v/v and an average of 59% methanol v/v. FDA laboratory testing of a third batch of this product detained at the border found on average 0.6% ethanol v/v and an average of 49% methanol v/v. [...]

Annex B

5. COVID-19 medicines

Medicine Quality Monitoring Globe

March 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 "Pemziviaptadil" 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
 "meplazumab" 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 "leronlimab" 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-sutril"
 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 "Montmorillonite" 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 "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"))

Start date 2021-02-01

End date 2021-02-28

Language en

2021-03-30

3

Report type	incident
Curation status	validated
Number of Reports	31

1 Experts Warn Crime Gangs Capable of Selling Fake Vaccines

Publication date	2021-02-26
Create date	2021-03-02
Score	17.70
Report id	957843
Category	Anti-malarial
Quality	Substandard
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: Experts Warn Crime Gangs Capable of Selling Fake Vaccines Voice of America

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

Table 1: Places for report 957843

Region Name	Country	Location	Latitude	Longitude
		Africa	7.1881	21.09375

Table 2: Drugs for report 957843

Medicine Name	Medicine Class	Action	ATC Code
chloroquine	Aminoquinolines	antimalarials	P01BA01
			J07
tramadol	Other opioids	opioids	N02AX02

Table 3: Other Stories

ID	Title	Link
958401	AU official calls for strategic multilateral partnerships to address Africa's drug problem	Link

Notes: International crime fighting agencies say organized crime groups have all the networks and methods needed to smuggle falsified, substandard and stolen COVID-19 vaccines across Africa.

Interpol crime intelligence analyst John-Patrick Broome said, as is the case in the rest of the

continent, criminal gangs in East Africa import fake medicines from Asia, mostly China and India. The fake drugs often lack any active ingredients and many actually have harmful substances, he said. [...] She points out they did that easily with chloroquine, when demand for the anti-malarial drug skyrocketed last year after it was touted as a coronavirus treatment.

”So, you had people who started producing fakes. You had people who started breaking down these routes. You had cases where these things were hijacked at ports. Again, they want to break that supply chain,” Meyer said.

Authorities throughout West and Central Africa seized large quantities of fake and substandard chloroquine. Police in Cameroon shut down several pharmaceutical manufacturers producing fake chloroquine. [...]

2 Dr. Paul's Lab - 612964 - 02/16/2021 - 2021-02-17

Publication date	2021-02-17
Create date	2021-02-19
Score	15.41
Report id	944261
Category	Other
Quality	Diverted/Unregistered
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

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

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

Table 4: Places for report 944261

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Mazomanie	43.17666	-89.79485

Notes: [...] Some examples of the claims 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:

"COVID-Aid Tincture . . . Directions: If illness [is] suspected, take 1 cc (1 dropperful) under tongue 4–6 times daily until symptoms subside." [from your product label, the product catalog on your website <http://draulslab.net/wp-content/uploads/2020/09/Catalog-Final1.pdf> and the product page on the website <https://drsarahsessentials.com/products/covid-aid>]. [...]

3 Gujarat pharma co raided for falsely branding drugs

Publication date	2021-02-12
Create date	2021-02-23
Score	13.57
Report id	951239
Category	Antibiotic
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: Gujarat pharma co raided for falsely branding drugs Ahmedabad Mirror

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

Table 5: Places for report 951239

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Ghandinagar	23.21667	72.68333

Notes: The Gujarat Food and Drugs Control Administration (FDCA) on Thursday raided a pharmaceutical company in Gandhinagar district and allegedly found them manufacturing drugs while falsely branding them with names of other pharma companies. [...] The smart move here, said FDCA Commissioner Dr Hemant Koshia, was to allegedly use the name of a well-known brand that also manufactured Exaclav-625 Co-Amoxiclav Tablet B.P, and then allegedly export it to Nigeria. Further, the company was found falsifying the manufacturing date as January 2021 on products that were being manufactured in February. While busting this one scam, officials also found another medicine, Exatil Dry Syrup, being falsely branded in the name of Brussels Pharmaceuticals Limited, registered in Changodhar.

4 Zimbabwe: Alarm Raised Over Defective Covid-19 Test Kits - AllAfrica

Publication date	2021-02-11
Create date	2021-02-12
Score	12.43
Report id	934414
Category	Medical device for screening/diagnosis/monitoring
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Zimbabwe: Alarm Raised Over Defective Covid-19 Test Kits AllAfrica - Top Africa News

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

Table 6: Places for report 934414

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Zimbabwe	Republic of Zimbabwe	-19	29.75

Notes: ZIMBABWE'S Covid-19 statistics could be highly misleading due to the health ministry's derelict of duty which has seen some sub-standard test kits finding the way on the market.

These defective test kits have turned out to have a lowly 20% accuracy rate and are by-passing mandatory quality checks by key medical equipment vetting bodies straight to medical laboratory centres and other testing centres like clinics and hospitals. [...] However, in its investigations, NewZimbabwe.com established a number of test kits being used in the country with brands such as Nantong Diagnos Covid-19, Covid-19 Antigen Rapid Test Kit and Diagreat Rapid have an accuracy rate of only 20% leading to a high percentage of false negative results. [...]

5 Charleston cosmetics supplier accused of fraud for selling unapproved PPE

Publication date	2021-02-08
Create date	2021-02-09
Score	12.15
Report id	930832
Category	Medical devices for disease prevention
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Charleston cosmetics supplier accused of fraud for selling unapproved PPE ABC NEWS 4

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

Table 7: Places for report 930832

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Charleston	32.77657	-79.93092

Table 8: Other Stories

ID	Title	Link
932033	King Street business at center of Count on 2 investigation sued for selling fake KN-95 masks	Link

Notes: A Charleston-based cosmetics company is accused of defrauding a logistics and distribution company out of more than half a million dollars by selling counterfeit personal protective equipment (PPE) amid the coronavirus pandemic. [...] Attorneys for BMY allege Kadosh solicited BMY's business in April 2020 at the onset of the COVID-19 pandemic, promising to deliver 320,000 medical-grade Chinese KN95 masks for a price of \$640,000 (\$2 per mask).

BMY's attorneys claim the company paid Ally for the masks expecting certified medical-grade PPE. Instead, a client BMY shipped the masks to rejected them immediately, saying the masks didn't meet federal inspection requirements to be considered effective for use against the coronavirus.

BMY claims Ally and Kadosh knowingly sold the company masks that didn't meet FDA re-

quirements, and have failed to refund the \$640,000 BMY paid in late April despite several demands for repayment.

6 San Fernando Valley doctors admit receiving more than \$1 million in illegal cancer drugs

Publication date	2021-02-18
Create date	2021-02-22
Score	11.89
Report id	946249
Category	Other
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: San Fernando Valley doctors admit receiving more than \$1 million in illegal cancer drugs LA Daily News

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

Table 9: Places for report 946249

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	United States	Los Angeles	34.05223	-118.24368

Table 10: Drugs for report 946249

Medicine Name	Medicine Class	Action	ATC Code
bevacizumab	Monoclonal anti-bodies	other antineoplastic agents	L01XC07

Table 11: Other Stories

ID	Title	Link
947353	2 California doctors admit receiving more than \$1 million in illegal cancer drugs	Link
947672	Two US doctors 'admit dealing in unapproved cancer drugs'	Link
950504	Two doctors enter guilty pleas in international counterfeit cancer drug case	Link

Notes: Two San Fernando Valley physicians have agreed to plead guilty to federal charges alleging they obtained more than \$1 million in illegal and potentially dangerous cancer drugs not approved for distribution in the United States. Dr. Stanley Rossman and Dr. Mark Goldstein, who operated Hematology Oncology Consultants in West Hills and Van Nuys, admitted last month that from 2008 to 2011 they obtained Altuzan, meant for foreign markets such as Turkey, according to a plea agreement.

The Food and Drug Administration had not approved Altuzan for distribution and described the pharmaceutical as potentially counterfeit and dangerous. [...] In February 2012, Montana Healthcare Solutions sent a notification to the defendants that some of the cancer drugs it had shipped were likely counterfeit and did not contain the medicine's active ingredient, bevacizumab. [...] "Purchasing prescription drug products, such as cancer medications, from foreign or unlicensed suppliers puts patients at risk of exposure to drugs that may be counterfeit, contaminated, improperly stored and transported, ineffective, and dangerous," the letter says.

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

Publication date	2021-03-01
Create date	2021-03-02
Score	11.71
Report id	961443
Category	Medical device for screening/diagnosis/monitoring, Medical devices for disease prevention, Antiseptic
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	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 12: Other Stories

ID	Title	Link
961826	CBP officers warn counterfeit Covid-19 products still being sold in the US	Link

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 Greek Police Probe Theft of COVID-19 Vaccine Vial Holding Six Doses

Publication date	2021-02-11
Create date	2021-02-23
Score	11.67
Report id	948981
Category	Vaccine
Quality	Diverted/Unregistered
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: Greek Police Probe Theft of COVID-19 Vaccine Vial Holding Six Doses The National Herald

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

Table 13: Places for report 948981

Region Name	Country	Location	Latitude	Longitude
Europe	Greece	Peristéri	38.01539	23.69187

Table 14: Other Stories

ID	Title	Link
951196	Greek police investigate theft of COVID-19 vaccine vial holding six doses TornosNews.gr	Link

Notes: Greek Police are looking into the apparent theft of a vial of the COVID-19 Pfizer/BioNTech vaccine holding six doses that vanished from a medical center in the neighborhood of Peristeri. A nurse told police she took it out from a freezer to administer a dose and left it on a specific spot but left them room - without saying why - and that it wasn't there when she went back to get it, reported Kathimerini. [...]

9 Drug alerts issued for Kelowna, Kamloops and Penticton | iNFOnews | Thompson-Okanagan's News Source

Publication date	2021-02-06
Create date	2021-02-08
Score	11.65
Report id	927686
Category	Psychoactive substance, Other, Opioid
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Drug alerts issued for Kelowna, Kamloops and Penticton | iNFOnews | Thompson-Okanagan's News Source iNFOnews

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

Table 15: Places for report 927686

Region Name	Country	Location	Latitude	Longitude
Americas	Canada	Penticton	49.48062	-119.58584
Americas	Canada	Kamloops	50.66648	-120.3192
Americas	Canada	Kelowna	49.88307	-119.48568

Table 16: Drugs for report 927686

Medicine Name	Medicine Class	Action	ATC Code
cocaine	Esters of benzoic acid	anesthetics, local	N01BC01
cocaine	Anesthetics, local	throat preparations	R02AD03
cocaine	Local anesthetics	local anesthetics	S01HA01
cocaine	Analgesics and anesthetics	other otologicals	S02DA02
levamisole	Imidazothiazole derivatives	antinematodal agents	P02CE01
fentanyl	Opioid anesthetics	anesthetics, general	N01AH01
fentanyl	Phenylpiperidine derivatives	opioids	N02AB03

Table 17: Other Stories

ID	Title	Link
944845	Health officials issue drug alert for Kamloops iN-FOnews Thompson-Okanagan's News Source	Link

Notes: The first alert was issued Feb. 3, in Penticton for a black tar-like chunky substance being sold as fentanyl. The drug also contains benzodiazepines.

The second alert was issued Feb. 4, for beige and white powders that are being sold as fentanyl in Kelowna and West Kelowna.

The drug contains both benzodiazepines and fentanyl, which leads to a higher risk of overdose and prolonged sedation.

In Kamloops, a white powder that is being sold as cocaine actually contains methamphetamine, cocaine and levamisole, according to the health authority's drug alert issued Feb. 5.

Levamisole can cause infections, including fever, skin colour changes (purplish), and other severe brain disorders. Risk increases with regular use, meaning two or more days of the week, according to Interior Health. [...]

10 Missouri Rep. Patricia Derges Removed From House Committees After Charged With Selling Fake Stem Cell Treatmen

Publication date	2021-02-05
Create date	2021-02-08
Score	11.52
Report id	926267
Category	Other
Quality	Falsified
Source	Unknown
Curation	Manually curated
Incident or General	Incident

Snippet: Missouri Rep. Patricia Derges Removed From House Committees After Charged With Selling Fake Stem Cell Treatmen Latin Post

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

Table 18: Places for report 926267

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Missouri	38.25031	-92.50046

Table 19: Drugs for report 926267

Medicine Name	Medicine Class	Action	ATC Code
stem cells from umbilical cord blood	Other blood products	blood and related products	B05AX04

Table 20: Other Stories

ID	Title	Link
926305	Missouri lawmaker charged with selling fake stem cell fluid, claiming it was treatment for COVID-19	Link

Notes: [...] According to prosecutors, Derges administered amniotic fluid, which she claimed contained stem cells, to treat patients suffering from various diseases, including COVID-19,

kidney disease, Lyme disease, erectile dysfunction, and urinary incontinence.

Prosecutors also said Patricia Derges advertised her treatment during consultations, media interviews, seminars, and social media, touting it as an "amazing treatment" to "provide a potential cure for COVID-19 patients that is safe and natural."

U.S. Attorney for Missouri's Western District Tim Garrison said Derges was telling people that the amniotic fluid she used was a "stem cell shot" and that it contained "mesenchymal stem cells." [...]

11 US govt seizes roughly 10M phony N95 masks in COVID-19 probe

Publication date	2021-02-17
Create date	2021-02-19
Score	10.91
Report id	944494
Category	Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: US govt seizes roughly 10M phony N95 masks in COVID-19 probe ActionNewsJax.com

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

Table 21: Places for report 944494

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Washington	37.13054	-113.50829

Table 22: Other Stories

ID	Title	Link
944497	US government seizes roughly 10M phony N95 masks in COVID-19 probe	Link
944551	US govt seizes over 10M phony N95 masks in COVID-19 probe	Link
944553	Feds Seize More Than 10M Fake N95 Masks in New Investigation	Link
944567	US government seizes roughly 10M fake N95 masks in COVID-19 probe	Link
944569	US government seizes millions of fake N95 masks in COVID-19 probe	Link
944615	The Latest: US government seizes over 10M fake N95 masks	Link
944620	Feds seize 10 million fake N95 masks in growing COVID-19 investigation	Link
944622	Federal agents seize over 10 million phony N95 masks in COVID-19 probe	Link

Table 22: Other Stories(continued)

ID	Title	Link
944716	U.S. Agents Seize 10 Million Counterfeit N95 Face Masks	Link
944717	DHS Seizes 11 Million Counterfeit N95 Masks Bound for Frontline Workers	Link
944724	DHS seizes over 11 million counterfeit 3M N95 masks, more raids to come	Link
944785	Feds seize over 10M phony N95 masks in COVID-19 probe; US scrambles to map virus mutations	Link
944790	Federal agents have seized 10 million fake N95 masks	Link
944852	Feds issue warning after seizing millions of counterfeit masks	Link
944854	US Govt Seizes Roughly 10M Phony N95 Masks In COVID-19 Probe	Link
944903	U.S. Seizes One Million More Counterfeit N95 Masks	Link
944941	Counterfeiters have flooded the market for N95 and KN95 masks. Here's how to buy real ones.	Link
945062	Coronavirus live news: Hong Kong fast-tracks approval of Sinovac vaccine; US agents seize 10m fake N95 masks	Link
945142	U.S. government seizes over 10M phony N95 masks in COVID-19 probe	Link
945259	More than 11 million counterfeit N95 masks seized in recent weeks, DHS says	Link
945457	U.S. seizes 10 million fake 3M brand N95 masks in coronavirus investigation	Link
945500	Covid updates: Millions of fake N95 masks seized; U.S. investing in variant detection	Link
945749	DHS seizes 10 million counterfeit 3M N95 masks, some possibly headed to hospitals	Link
945826	US life expectancy fell drastically in 2020; US seizes 11M counterfeit N95s — 7 COVID-19 updates	Link
945827	Federal agents seize over 10 million counterfeit N95 masks	Link
946015	Feds seize millions of fake N95 masks	Link
946262	Homeland Security seizes roughly 10 million phony N95 masks in ongoing counterfeit investigation across the US	Link
946314	Newsy Investigation: How Fake N95 Masks End Up In Hospitals	Link
946407	Millions of Counterfeit N95 Masks Seized	Link
947115	Feds Seize Millions Of Counterfeit Virus Masks - wbckfm.com	Link
947601	More than 10 million fake N95 masks seized by US government in COVID-19 probe	Link

Table 22: Other Stories(continued)

ID	Title	Link
947844	US authorities seize over 10 million bogus N95 masks in COVID-19 probe	Link
947845	U.S. Seizes Over 10 Million Fake N95 Masks In COVID-19 Probe	Link
947846	Roughly 10 million fake N95 masks seized in US government's COVID-19 probe	Link
947847	U.S. seizes over 10 million phony N95 masks in COVID-19 probe	Link
947849	About 2 million fake N95 masks found in Washington state, pulled from shelves	Link
947850	Homeland Security seizes more than 11 million counterfeit N95 in nationwide scam	Link
947851	US Issues Warnings After Seizing Millions Of Counterfeit N95 Masks	Link
947852	Federal Authorities Are Increasingly Finding Counterfeit N95 Masks	Link
947853	US federal agents have seized roughly 10m fake N95 masks in recent weeks	Link
947854	Federal agents seize more than 11 million fake N95 masks TheHill	Link
947855	Millions of fake N95 masks shipped to multiple states, feds say	Link
947860	Federal Authorities Have Seized 11 Million Counterfeit N95 Face Masks	Link
947861	Homeland Security Has a New Warning About These Counterfeit Masks	Link
947912	Federal agents seize more than 10 million fake N95 masks in recent weeks	Link
947913	Federal agents seize more than 10M phony N95 masks in COVID-19 probe	Link
947981	WATCH: U.S. federal agents seize over 10 million fake N95 masks	Link
947982	US seizes roughly 10M phony N95 masks in COVID-19 probe	Link
948436	DHS Seizes 11 Million Counterfeit N95 Masks	Link
950227	US Govt Seizes Roughly 10M Phony N95 Masks in COVID-19 Probe	Link
950979	US investigating massive counterfeit N95 mask scam	Link
953627	DHS seizes 10 million counterfeit 3M N95 masks, some possibly headed to hospitals X101 Always Classic	Link
954411	Beware of COVID-19 vaccine scams, CDC warns older adults	Link
956324	Feds Seize Millions Of Counterfeit Virus Masks	Link
956717	Fake N-95 Masks Seized From Maryland Warehouse - 9 & 10 News	Link

Table 22: Other Stories(continued)

ID	Title	Link
963079	Counterfeit masks sold to Washington hospitals may actually be effective	Link
963545	Counterfeit N-95 Masks Actually Working, Say WA Officials	Link
963607	Feds target massive N95 mask scam: 'We've seen a lot of fraud and other illegal activity'	Link
967959	Feds investigating as more and more fake N95 masks are turning up	Link
980452	US seizes 10 million fake 3M brand N95 masks in coronavirus investigation	Link
985623	The Dangers of Counterfeit PPE	Link

Notes: Federal agents have seized more than 10 million fake 3M brand N95 masks in recent weeks, the result of an ongoing investigation into counterfeits sold in at least five states to hospitals, medical facilities and government agencies.

The most recent seizures occurred Wednesday when Homeland Security agents intercepted hundreds of thousands of counterfeit 3M masks in an East Coast warehouse that were set to be distributed, officials said. [...]

12 Andhra Pradesh: Counterfeit drugs found in Bhimavaram, in-depth probe begins

Publication date	2021-02-24
Create date	2021-02-26
Score	9.38
Report id	953850
Category	Antibiotic
Quality	Falsified
Source	Manufacturer
Curation	Manually curated
Incident or General	Incident

Snippet: Andhra Pradesh: Counterfeit drugs found in Bhimavaram, in-depth probe begins The Hans India

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

Table 23: Places for report 953850

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Bhīmavaram	16.54078	81.52322

Table 24: Drugs for report 953850

Medicine Name	Medicine Class	Action	ATC Code
azithromycin	Macrolides	macrolides, lin-cosamides and strep-togramins	J01FA10
azithromycin	Antibiotics	antiinfectives	S01AA26

Table 25: Other Stories

ID	Title	Link
956704	Substandard antibiotics seized in Andhra, probe underway	Link

Notes: The department of drug control has found counterfeit drugs in Bhimavaram of West

Godavari district. Against this backdrop, the Department of Drug Control has taken action to find out on how many shops selling counterfeit drugs across the state and how many companies are making them. Two teams have already been sent to Bhimavaram to investigate. Going into details, four days ago at a medical shop, the drug inspector there collected some azithromycin tablets and sent them to the drug laboratory in Vijayawada for testing. Examining these, it was revealed that at least 10% of the 500 mg azithromycin was drug-free. Approximately 8 batches of drugs were examined and it was found that all the drugs were the same. The drugs were found to be manufactured by a company in Uttarakhand. Batch numbers, date of manufacture are all printed on a multinational company level so people are usually buying. But those drugs turned out to be just a chalk bills. [...]

13 EU's anti-fraud agency warns against fake COVID vaccines

Publication date	2021-02-15
Create date	2021-02-16
Score	9.14
Report id	941124
Category	Medical device for screening/diagnosis/monitoring, Other, Vaccine, Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: EU's anti-fraud agency warns against fake COVID vaccines swissinfo.ch

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

Table 26: Places for report 941124

Region Name	Country	Location	Latitude	Longitude
		Europe	48.69096	9.14062

Table 27: Drugs for report 941124

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 28: Other Stories

ID	Title	Link
941182	European anti-fraud office warns against fraudsters offering COVID-19 vaccines	Link
941189	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941198	EU's anti-fraud body warns against COVID-19 vaccine scams	Link
941201	European Unions anti-fraud body warns against Covid-19 vaccine scams	Link
941202	EU's anti-fraud body warns against COVID-19 vaccine scams	Link

Table 28: Other Stories(continued)

ID	Title	Link
941308	Coronavirus latest: EU anti-fraud office widens probe to include fake Covid vaccines	Link
942024	EU fraud agency warns governments on vaccine scams	Link
942091	EU's anti-fraud agency warns against fake Covid vaccines	Link
942456	Working together to stop fraud: EUs anti-fraud agency warns against fake COVID vaccines	Link
942814	EU warns from fake vaccine fraudsters	Link
942821	EU Anti-Graft Agency Warns of Fake COVID-19 Vaccines	Link
943632	World News EU's Anti-fraud Body Warns Against COVID-19 Vaccine Scams	Link
944084	European Commission Sees More Attempts to Create Fake COVID-19 Vaccines - President	Link
944203	EU fighting increasing cases of Covid-19 vaccine fraud, von der Leyen says	Link
945462	Commission concerned about COVID vaccines black market	Link
952600	Warning as criminals sell fake Covid vaccines	Link
956329	EU's anti-fraud body warns against COVID-19 vaccine scams - WIVB.com	Link
963916	EUs anti-fraud body warns against COVID-19 vaccine scams	Link
972831	Fake Vaccines Could Be Infiltrating Europe's Supply Chain	Link
975926	Afternoon Coffee: Icertis funding; Jobless claims; Fraud COVID-19 vaccine	Link

Notes: [...] The European Anti-Fraud Office (OLAF) said it was aware of reports of fraudsters seeking to sell vaccines in the EU, including through offering fake vaccines.

"They are hoaxes organised to defraud national authorities looking to step up the pace of vaccination to keep their citizens safe," the agency said in a statement.

OLAF said it was extending its inquiry into fake COVID-19 protection products to tackle illicit vaccine trade coming from illegal imports as well as counterfeit medicines.

Since opening the investigation last March, OLAF said, it had helped identify over 1,000 suspicious operations and seize over 14 million items, including faulty face masks and fake test kits. [...]

14 COVID-19 vaccine doses tossed around state, low amounts in Pima County

Publication date	2021-02-25
Create date	2021-02-26
Score	8.67
Report id	956586
Category	Vaccine
Quality	Substandard
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: COVID-19 vaccine doses tossed around state, low amounts in Pima County KOLD

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

Table 29: Places for report 956586

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Tucson	32.22174	-110.92648

Table 30: Drugs for report 956586

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: [...] Earlier this month KOLD News 13 sent a request to the county asking for how many COVID vaccine doses were allocated and wasted from December 1, 2020 to February 5, 2021. All-in-all, the losses seem pretty small—118 in total during that time frame. This makes up around less than .01 percent of the allocated doses to Pima County during the requested time frame. According to the county, 47 Pfizer doses were discarded or otherwise unused at the Banner North location, five at TMC and one at the U of A. The county reports during that time frame, 51 Moderna doses were lost at the Kino Sports location (or Banner South location), nine at Banner North and five at TMC. [...] A spokesperson for TMC said they have discarded 11 doses in total—one more than the county reports, though the time frame is not known. In an email, TMC said, "We have given 73,735 shots (we'll reach 75,000 by this weekend!). Eleven doses were lost due to compounding error or dropped or bent needle. We have not wasted or lost any due to expiring vaccine." [...] According to the state data, 20 doses at Banner Casa Grande

went bad due to "failure to store properly." Several doses were drawn up, opened, but not used at several sites around the state—at least one patient changed their mind at Navajo County Health. 100 doses at the La Paz Health Department were spoiled. AZ Family reports that was due to a temperature sensor in the box containing the vaccines. Twenty doses of Moderna were "lost or unaccounted for" at the Yuma Regional Medical Center. [...]

15 Feds seize 460,000 counterfeit N-95 masks heading to Seattle area

Publication date	2021-02-26
Create date	2021-03-01
Score	8.56
Report id	957577
Category	Medical devices for disease prevention
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Feds seize 460,000 counterfeit N-95 masks heading to Seattle area KATU

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

Table 31: Places for report 957577

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Seattle	47.60621	-122.33207

Table 32: Other Stories

ID	Title	Link
957643	Homeland Security seizes more than 460,000 fake N95 masks destined for Puget Sound region	Link
959506	Feds seize 460,000 counterfeit N95 face masks in Seattle	Link
959825	460,000 N95 masks intended to protect Washington first responders were fake, feds say	Link
963425	HSI, FBI, CBP Seize More Than 460,000 Counterfeit N-95 Masks en Route to First Responders	Link
984744	Seattle agents seize more than 460,000 counterfeit surgical masks sold to first responders	Link

Notes: More than 460,000 counterfeit 3M N-95 surgical masks that were on their way to Puget Sound area first responders were intercepted by federal investigators, Homeland Security officials said. The masks are a critical tool used by health care providers and first responders to protect

themselves from the spread of COVID-19 and other airborne dangers. [...]

16 Fentanyl overdoses are surging in Colorado as the powerful opioid is disguised as other drugs

Publication date	2021-02-04
Create date	2021-02-05
Score	8.41
Report id	923673
Category	Anxiolytic, Opioid
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Fentanyl overdoses are surging in Colorado as the powerful opioid is disguised as other drugs The Colorado Sun

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

Table 33: Places for report 923673

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Denver	39.73915	-104.9847

Table 34: Drugs for report 923673

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: [...] In Denver, overdoses involving fentanyl more than doubled in 2020 compared with 2019. And the 119 deaths from fentanyl last year were seven times the number in 2018, when 17 people overdosed on the drug in the city, according to the Denver medical examiner's office. Statewide, overdose deaths involving fentanyl also more than doubled, rising 111% to 452 deaths last year from 214 in 2019. All overdose deaths, including from heroin, cocaine and methamphetamine, totaled 1,223 in 2020, up nearly 20% from 1,062 the year before, according to state health department data that is preliminary and expected to rise even higher.

Health officials worried that the coronavirus pandemic, which kept people isolated and led to increased rates of anxiety and depression, would also lead to more drug deaths. Data released at the close of 2020 proved those fears true. [...]

17 Coroner: Overdose deaths are climbing in Yakima County and fentanyl is the leading cause

Publication date	2021-02-23
Create date	2021-02-24
Score	6.10
Report id	953206
Category	Opioid
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Coroner: Overdose deaths are climbing in Yakima County and fentanyl is the leading cause Yakima Herald-Republic

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

Table 35: Places for report 953206

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Yakima	46.60207	-120.5059

Table 36: Drugs for report 953206

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

Notes: [...] The leading cause is fentanyl, a synthetic opioid that's found in pills that have been hitting the streets here for the past several years, he said.

Curtice said the counterfeit pills are made to resemble pharmaceutical Percocet 30s, and people are buying them.

"They may think they're getting pharmaceutical grade but it's not — it's counterfeit," he said. [...]

18 Fentanyl-laced pills lead to overdose of Bellingham teen

Publication date	2021-02-03
Create date	2021-02-09
Score	6.01
Report id	930319
Category	Opioid
Quality	Falsified
Source	Street vendors
Curation	Manually curated
Incident or General	Incident

Snippet: Fentanyl-laced pills lead to overdose of Bellingham teen KGMI

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

Table 37: Places for report 930319

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Bellingham	48.75955	-122.48822

Table 38: Drugs for report 930319

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

Notes: A Bellingham family is devastated following the overdose death of a 16-year-old girl. Relatives post that she had been feeling anxiety and tried to augment her prescription medication with Percocet she bought on the street in Bellingham.

The pills turned out to be counterfeits that contained the powerful synthetic opioid fentanyl.

Perry Mowery with the Whatcom County Health Department says fentanyl is a growing problem in many communities, including Bellingham.

19 Weather, COVID may be to blame for increase in dangerous new illegal drug found in Northeast Wisconsin

Publication date	2021-02-08
Create date	2021-02-09
Score	5.93
Report id	930382
Category	Opioid
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: Weather, COVID may be to blame for increase in dangerous new illegal drug found in Northeast Wisconsin WBAY

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

Table 39: Places for report 930382

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Wisconsin	44.50024	-90.00041
Americas	United States	Brown	44.47433	-87.99287

Table 40: Drugs for report 930382

Medicine Name	Medicine Class	Action	ATC Code
		opioids	N02A

Notes: A new illegal drug has made its way into Northeast Wisconsin, prompting warnings about the potential for overdoses.

It's a synthetic opioid, made in a lab and similar to fentanyl, but it's raising new concerns for investigators.

Commonly called 'purple heroin' because of its purplish-color, the drug goes by a long list of names and almost as many substances inside of it.

It's moving to the top of an alert list for Brown County Drug Task Force investigators. [...] The newest synthetic opioids are called Para-Fluorofentanyl or bromphine, made in labs in China or Mexico, often in powder or counterfeit pill form. While the drugs are not an entirely new mixture, they are now showing up in drugs tested at the crime lab, Kinnard says.

Investigators say they can contain fentanyl, Tylenol, acetaminophen, anti-depressants and a host of other ingredients that can make for a dangerous and lethal concoction, causing similar respiratory distress as fentanyl. [...]

20 Murder charge announced in fentanyl drug overdose case

Publication date	2021-02-22
Create date	2021-02-24
Score	5.93
Report id	951662
Category	Opioid
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Murder charge announced in fentanyl drug overdose case kuna noticias y kuna radio

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

Table 41: Places for report 951662

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Riverside	33.95335	-117.39616

Table 42: Drugs for report 951662

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

Notes: [...] It was an emotional day for the family of Angel Vazquez who lost his life at 18 after purchasing drugs laced with fentanyl. [...] "For example getting drugs off Snapchat or other social media and they're arranging these drug transactions online and what's being offered and sold are Percocet or M30s and those are basically prescription drugs and so somebody is trying to get Percocet but what they don't realize is that it's not Percocet," he said. "It's fake Percocet with fentanyl in it," he added. [...]

21 ‘We need to talk about this’: Parents warn of fentanyl danger from fake pills after Rocklin teen’s heartbreaking death

Publication date	2021-02-25
Create date	2021-02-26
Score	5.69
Report id	956509
Category	Opioid
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: ‘We need to talk about this’: Parents warn of fentanyl danger from fake pills after Rocklin teen’s heartbreaking death KCRA Sacramento

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

Table 43: Places for report 956509

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Rocklin	38.79073	-121.23578

Table 44: Drugs for report 956509

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

Table 45: Other Stories

ID	Title	Link
956908	Parents warn of fentanyl danger from fake pills after Rocklin teen’s heartbreaking death	Link
968050	Man arrested in connection with Rocklin teen’s fentanyl death	Link
973407	Grieving Family Warns Of Growing Fentanyl Danger From Fake Pills	Link

Table 45: Other Stories(continued)

ID	Title	Link
984546	Fake 'prescription' pills sold by drug traffickers may contain lethal amounts of fentanyl, says DEA	Link
984833	Fake 'prescription' pills sold to teens, others may contain lethal amounts of fentanyl, says DEA	Link
985225	Fake Prescription Pills May Contain Lethal Dose of Fentanyl, DEA Says	Link
985851	'Our youth are being duped': Auburn Police, Placer Sheriff's Office warn of fentanyl dangers	Link
990314	California bill aimed at cracking down on fentanyl dealers for fake pills fails in committee	Link

Notes: [...] Zach thought he was buying Percocet, but what he got instead was a counterfeit pill made of fentanyl, a powerful prescription painkiller that, according to the Centers for Disease Control and Prevention, is 50 to 100 times stronger than morphine. Just a few grains can be lethal. [...] The Didier family is haunted not only by the fake pills but by the way Zach got them. He didn't slip down a dark and seedy alley. He just opened Snapchat. The same phone app millions of people use. The suspected dealer in his case has since been arrested. [...]

22 KCRA 3 Special Report: Deadly counterfeit pills in NorCal

Publication date	2021-02-25
Create date	2021-03-01
Score	5.55
Report id	956775
Category	Opioid
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: KCRA 3 Special Report: Deadly counterfeit pills in NorCal KCRA Sacramento

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

Table 46: Places for report 956775

Region Name	Country	Location	Latitude	Longitude
Americas	United States	California	37.25022	-119.75126

Table 47: Drugs for report 956775

Medicine Name	Medicine Class	Action	ATC Code
		opioids	N02A
oxycodone and paracetamol	Opioids in combination with non-opioid analgesics	opioids	N02AJ17

Table 48: Other Stories

ID	Title	Link
956795	Placer County DA: Lethality of fake pills in recent fentanyl bust show 'how frightening this is'	Link
956907	CORE Medical Clinic director describes the danger from M30 counterfeit pills	Link
969767	'These are killer counterfeits': Parents warn about fake pills made with fentanyl	Link
985542	California lawmaker says Alexandra's Law could help prevent deaths from fake pills	Link

Notes: KCRA 3 Investigates' Brian Heap reported on the rise of fake black-market pills and social media for a special report on Feb. 25, 2021. The special hopes to jumpstart conversations between parents and children, destigmatize drugs and start changing the way people view the problem. [...] Ed and Mary Ternan, from Pasadena lost their 22-year-old son Charlie to fentanyl poisoning three weeks before he was set to graduate college. He thought he was buying Percocet via a social media site. Instead, it was a fake pill made of fentanyl. Since his death, the Ternans have created "Song for Charlie," a nonprofit organization offering resources to parents, students and educators. They explain why it's important to understand why terms like "overdose" don't capture the reality of what's now happening with fentanyl poisonings from fake pills. [...]

23 Homicide Suspected After French Valley Girl Dies From Fentanyl

Publication date	2021-02-26
Create date	2021-03-02
Score	5.55
Report id	957765
Category	Opioid
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: Homicide Suspected After French Valley Girl Dies From Fentanyl Patch.com

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

Table 49: Places for report 957765

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Riverside	33.95335	-117.39616

Table 50: Drugs for report 957765

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

Table 51: Other Stories

ID	Title	Link
962174	16-Year-Old Girls Fentanyl Death Leads To Canyon Lake Arrest	Link

Notes: [...] A man and a 16-year-old girl were found unresponsive at a residence in the 35000

block of Sugar Maple Street in French Valley around 7:04 p.m. Wednesday. Both people were hospitalized for suspected fentanyl poisoning, but the girl did not survive, according to sheriff's Sgt. Rick Espinoza. [...] Most people who take pills containing fentanyl have no idea the dangerous synthetic opioid is in the drug they're taking. Fentanyl is very inexpensive to manufacture. The powder form is typically mixed into substances like powdered baby formula or other cost-effective products, then made/pressed into counterfeit pills. The fake pills are then fraudulently sold on the black market as oxycodone, Percocet or any number of other drugs. Fentanyl is also making its way into other street drugs like methamphetamine, according to Bianco.

24 South Korean National Sentenced to Nearly 4 Years in Federal Prison for Smuggling Erectile Dysfunction Drugs Sold as Herbal Products

Publication date	2021-02-09
Create date	2021-02-10
Score	5.02
Report id	931627
Category	Nutritional supplement
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: South Korean National Sentenced to Nearly 4 Years in Federal Prison for Smuggling Erectile Dysfunction Drugs Sold as Herbal Products Department of Justice

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

Table 52: Places for report 931627

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Santa Ana	33.74557	-117.86783

Table 53: Drugs for report 931627

Medicine Name	Medicine Class	Action	ATC Code
tadalafil	Drugs used in erectile dysfunction	urologicals	G04BE08
sildenafil	Drugs used in erectile dysfunction	urologicals	G04BE03

Table 54: Other Stories

ID	Title	Link
931678	'Rhino pills,' sold as male sex booster, land O.C. man in hot water	Link

Table 54: Other Stories(continued)

ID	Title	Link
932074	OC Man Used Erectile Dysfunction Meds In Herbal Remedies: Report	Link
932075	South Korean National Residing in California Sentenced to Nearly 4 Years in Federal Prison for Smuggling Erectile Dysfunction Drugs Sold as Herbal Products	Link
932076	Daniel Lee Sentenced for Smuggling Erectile Dysfunction Drug	Link
932201	Fullerton Man Gets Nearly 4 Years in ED Drug Smuggling	Link
932958	South Korean National Sentenced to Nearly 4 Years in Federal Prison for Smuggling Erectile Dysfunction Drugs Sold as Herbal Products - 2021-02-10	Link
940244	Erectile dysfunction supplement fraudster gets 46 months	Link
942525	South Korean National Sentenced to Nearly 4 Years in Federal Prison for Smuggling Erectile Dysfunction Drugs	Link

Notes: A Fullerton man was sentenced today to 46 months in federal prison for illegally importing bulk quantities of erectile dysfunction drugs that he marketed as herbal male sexual enhancement products in a scheme that earned him millions of dollars. [...] Lee used the Sildenafil and Tadalafil to manufacture pills he sold to distributors, who then sold the products to liquor, gas and convenience stores across the United States, according to court documents. Even though his products contained drugs that required a prescription, the labels on Lee's products either stated that no prescription was necessary or failed to state one was needed – meaning the products were mislabeled. [...] Lee "organized the importation of bulk active pharmaceutical ingredients into the United States from China under false pretenses," prosecutors wrote in a sentencing memorandum. "He then used this bulk powder to sell counterfeit prescription drugs across the United States totaling millions in sales. At least one of the consumers of [Lee's] drugs, Victim S.S., suffered a serious medical condition after taking [Lee's] counterfeit pills." [...]

25 COVID NYC Update: 1.7 million counterfeit 3M N95 masks seized from Long Island City warehouse

Publication date	2021-02-11
Create date	2021-02-12
Score	4.75
Report id	934549
Category	Medical devices for disease prevention
Quality	Falsified
Source	Clandestine laboratory
Curation	Manually curated
Incident or General	Incident

Snippet: COVID NYC Update: 1.7 million counterfeit 3M N95 masks seized from Long Island City warehouse WABC-TV

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

Table 55: Places for report 934549

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Queens	40.68149	-73.83652
Americas	United States	New York City	40.71427	-74.00597
Americas	United States	Long Island City	40.74482	-73.94875
Americas	United States	Long Island	43.68425	-70.17116

Table 56: Other Stories

ID	Title	Link
934746	Nearly two million fake N95 masks seized in Queens warehouse bust	Link
934754	DA: 1.7 million bogus N95 masks seized from Queens warehouse	Link
935082	Massive Counterfeit N-95 Face Mask Bust in Queens	Link
935770	Counterfeit N95 Scam Widens as Senator Demands FTC Investigation	Link
935930	These fake masks looked real, and sold by the millions.	Link
936352	More Than 1.7 Million Counterfeit N95 Masks Seized in Queens Warehouse	Link
936905	Counterfeit masks seized in warehouse Central/Mid/Western Queens News qchron.com	Link

Table 56: Other Stories(continued)

ID	Title	Link
937465	DA: 1.7 Million Bogus N95 Masks Seized From Queens Warehouse	Link
943986	DA: Over 1.7 million counterfeit N95 masks seized from Queens warehouse	Link
944959	Counterfeit N95 scam widens as senator demands FTC investigation	Link
945882	1.7 million counterfeit masks, other PPE seized from Queens warehouse	Link
947493	DA Seizes 1.7M Counterfeit N95 Masks From LIC Warehouse	Link
947737	Queens DA Seizes 1.7M pieces of PPE Equipment from LIC Warehouse	Link
959684	Investigators Seize 1.7 Million Counterfeit N95 Face Masks From Queens Warehouse	Link
966498	1.7 Million Fake N95 Masks Seized In Queens, 1 Arrested: DA	Link
979158	Counterfeit masks seized in warehouse Central/Mid/Western Queens News qchron.com	Link

Notes: Queens District Attorney Melinda Katz announced Thursday the seizure of over 1.7 million counterfeit 3M N95 face masks stockpiled in a Long Island City warehouse and the arrest of the warehouse manager.

Authorities say the counterfeit goods were ready for sale to unsuspecting medical workers. [...] "These items were packed in boxes, piled high on more than 100 shipping pallets," Katz said. [...] Instead, the substandard masks were imported from overseas, or produced in the warehouse, and repackaged with 3M branding. [...]

26 Italy probes vaccine scams even as officials court offers

Publication date	2021-02-19
Create date	2021-02-22
Score	4.73
Report id	947669
Category	Other, Vaccine
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated
Incident or General	Incident

Snippet: Italy probes vaccine scams even as officials court offers The Ridgefield Press

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

Table 57: Places for report 947669

Region Name	Country	Location	Latitude	Longitude
Europe	Italy	Rome	41.89193	12.51133

Table 58: Drugs for report 947669

Medicine Name	Medicine Class	Action	ATC Code
			J07

Table 59: Other Stories

ID	Title	Link
947595	The Latest: Italian police investigating fake vaccines	Link
947675	Pfizer : Italy probes vaccine scams even as officials court offers	Link
947842	The Latest: Italian police investigating fake vaccines Business journaltimes.com	Link
947843	The Latest: Vaccine scandal ousts Argentine health minister	Link
948174	The Latest: Italian police investigating fake vaccines National indexjournal.com	Link
948382	The Latest: Vaccine scandal ousts Argentine health minister - Alabama News	Link

Table 59: Other Stories(continued)

ID	Title	Link
948388	Coronavirus: two die amid lockdown protests in Gabon; Italian police investigate fake Covid vaccines	Link
948423	Coronavirus: Ireland reports three cases of Brazilian variant; Italian police investigate fake vaccines — as it happened	Link
948511	Italian police investigate fake Covid-19 drugs and vaccines	Link
948551	Italy investigates vaccine scam, Denmark's border closures: COVID-19 daily bulletin	Link
949289	The Latest: Italian police investigating fake vaccines - McKinnon Broadcasting	Link
971179	Italy probes vaccine scams as official receives offer to buy 27 million doses	Link

Notes: Italian police investigating fake COVID-19 drugs and vaccines have interviewed a Veneto regional official who reported receiving offers to buy 27 million doses of Pfizer shots outside the European Union procurement system. Even though the EU anti-fraud agency has warned about scammers offering vaccines amid shortages in Europe, Veneto's regional governor, Luca Zaia, has boasted for over a week that he had been contacted by unnamed intermediaries offering to sell him Pfizer, Russian and Chinese jabs. [...] Police are also investigating a Sicilian man who claimed to be a representative of pharmaceutical company AstraZeneca and had offered to sell vaccines to Umbrian authorities. In response, AstraZeneca's Italy unit said there was currently no private distribution of its shots and that if "someone is offering vaccines via the private sector, they're probably counterfeit vaccines and should be reported to the competent authorities." [...]

27 CBP Seizes \$1.2 Million in Viagra Illegal Shipment from Istanbul

Publication date	2021-02-12
Create date	2021-02-15
Score	4.01
Report id	936346
Category	Erectile dysfunction medicine
Quality	Falsified
Source	Other
Curation	Manually curated
Incident or General	Incident

Snippet: CBP Seizes \$1.2 Million in Viagra Illegal Shipment from Istanbul NewsNet

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

Table 60: Places for report 936346

Region Name	Country	Location	Latitude	Longitude
Western Asia	Turkey	Istanbul	41.01384	28.94966
Americas	United States	Cincinnati	39.12711	-84.51439

Table 61: Drugs for report 936346

Medicine Name	Medicine Class	Action	ATC Code
sildenafil	Drugs used in erectile dysfunction	urologicals	G04BE03

Notes: U.S. Customs and Border Protection (CBP) intercept a shipment of over 17- thousand Viagra pills headed to an individual in Florissant, Missouri.

CBP reports that the pills were illegally imported on February 4th, hidden in a shipment of herbal pasta coming from Istanbul, Turkey.

Although unknown if they are legitimate products, the agency says the illegal importation of medication can be dangerous.

Oftentimes, 3rd party sellers, specifically those from online sources may offer cheaper prices, but that's because they are made with unregulated material or counterfeit.

28 UAE: Pharmacist sells fake Viagra pills, fined Dh5,000

Publication date	2021-02-03
Create date	2021-02-05
Score	4.01
Report id	921825
Category	Erectile dysfunction medicine
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: UAE: Pharmacist sells fake Viagra pills, fined Dh5,000 Khaleej Times

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

Table 62: Places for report 921825

Region Name	Country	Location	Latitude	Longitude
Western Asia	United Arab Emirates	Sharjah	25.33737	55.41206

Table 63: Drugs for report 921825

Medicine Name	Medicine Class	Action	ATC Code
sildenafil	Drugs used in erectile dysfunction	urologicals	G04BE03

Notes: A Sharjah court has fined a pharmacist Dh5,000 for selling counterfeit sexual enhancement drugs.

The 42-year-old Arab national was found guilty of committing commercial fraud by selling duplicate drugs that was harmful to health.

The Sharjah Appeals Court, however, cancelled the deportation order pronounced against him by a lower court.

Court records show that the Ministry of Health and Prevention was notified by a pharmaceutical company about the convict storing and distributing fake Viagra medicines. He was selling the unlicensed products to some pharmacies in Sharjah.

The Sharjah Police arrested the man after confirming the information.

29 Almost \$100,000 in erectile dysfunction pills, meant for traveler's 'friends,' seized from man at O'Hare, officials say

Publication date	2021-02-05
Create date	2021-02-08
Score	4.01
Report id	928775
Category	Erectile dysfunction medicine
Quality	Diverted/Unregistered
Source	Airport
Curation	Manually curated
Incident or General	Incident

Snippet: Almost \$100,000 in erectile dysfunction pills, meant for traveler's 'friends,' seized from man at O'Hare, officials say Chicago Tribune

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

Table 64: Places for report 928775

Region Name	Country	Location	Latitude	Longitude
Americas	United States	O'Hare	41.96766	-87.84565
Americas	United States	Chicago	41.85003	-87.65005

Table 65: Drugs for report 928775

Medicine Name	Medicine Class	Action	ATC Code
sildenafil	Drugs used in erectile dysfunction	urologicals	G04BE03

Table 66: Other Stories

ID	Title	Link
931059	Moron of the Morning: Man Busted With \$100000 Of Fake Viagra	Link
934726	Customs seizes nearly \$100K in erectile dysfunction pills from traveler at O'Hare	Link
937564	O'Hare traveler from India arrives with 3,200 generic Viagra pills for his friends, customs says	Link

Notes: Federal officers seized nearly \$100,000 worth of erectile dysfunction pills Thursday morning from a man who flew into Chicago O'Hare International Airport from India, U.S. Customs and Border Protection officials said Friday.

The man was on his way to Savannah, Georgia, from a trip to India when officers at O'Hare found eight black-and-white boxes of pills in his luggage, said Steven Bansbach, a spokesperson for the agency's Chicago field office.

Inside were 3,200 red tablets of Vigore, an erectile dysfunction medication with active ingredients similar to Viagra, worth an estimated \$96,608, according to a news release. [...]

30 Men arrested for smuggling counterfeit Viagra from China to Vietnam

Publication date	2021-02-27
Create date	2021-03-02
Score	3.86
Report id	958638
Category	Erectile dysfunction medicine
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: Men arrested for smuggling counterfeit Viagra from China to Vietnam VnExpress International

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

Table 67: Places for report 958638

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Viet Nam	Gia Lai	13.75	108.25
South-Eastern Asia	Viet Nam	Socialist Republic of Vietnam	16.16667	107.83333

Table 68: Drugs for report 958638

Medicine Name	Medicine Class	Action	ATC Code
sildenafil	Drugs used in erectile dysfunction	urologicals	G04BE03

Table 69: Other Stories

ID	Title	Link
967158	Unorganized Crime: Viagra Smuggling and Black Market Flamingos	Link

Notes: Police in the Central Highlands province of Gia Lai have arrested two men bringing 20,000 pills of fake Viagra into Vietnam for sale. Truong Thanh Toan, 29, and Hoang Ha, 34, are under investigation for "trading in fake curative medicines" after their arrest Thursday while in possession of the drug.

According to investigators, the 5,000 tablets belong to a package without a proven origin.

Later inspections revealed the drugs labeled as Viagra were all counterfeit. The two men said they could earn VND4 billion (\$173,805) by selling the pills on the local market.

They said they had bought the counterfeit products from a Chinese trader using Chinese social media.

31 Duo busted for illegal Mexican drug operation in Charlotte County

Publication date	2021-02-10
Create date	2021-02-26
Score	2.79
Report id	955142
Category	Analgesic, Antiparasitic, Anti-inflammatory medicine, Other, Opioid, Antibiotic
Quality	Diverted/Unregistered
Source	Unlicensed outlets
Curation	Manually curated
Incident or General	Incident

Snippet: Duo busted for illegal Mexican drug operation in Charlotte County NBC2 News

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

Table 70: Places for report 955142

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Charlotte	26.89985	-81.95031

Table 71: Drugs for report 955142

Medicine Name	Medicine Class	Action	ATC Code
	Antibiotics	intestinal antiinfectives	A07AA
	Antibiotics	agents for treatment of hemorrhoids and anal fissures for topical use	C05AB
	Antibiotics	antifungals for topical use	D01AA
	Antibiotics	antiinfectives and anti-septics, excl. combinations with corticosteroids	G01AA
	Antibiotics	antimycotics for systemic use	J02AA
	Antibiotics	drugs for treatment of tuberculosis	J04AB
	Antibiotics	throat preparations	R02AB
	Antibiotics	antiinfectives	S01AA

Table 71: Drugs for report 955142(continued)

Medicine Name	Medicine Class	Action	ATC Code
tramadol	Other opioids	opioids	N02AX02
oxycodone	Natural opium alkaloids	opioids	N02AA05
methocarbamol	Carbamic acid esters	muscle relaxants, centrally acting agents	M03BA03
albendazole	Benzimidazole derivatives	antinematodal agents	P02CA03

Notes: [...] The stop lead to a major drug bust. Police said they found prescription drugs smuggled from Mexico. Officers found: Albendazole, an anti-worm medication. Methocarbamol, a muscle relaxer. Augmentin, an antibiotic.

These are just some of the 27 different prescription drugs recovered by the Charlotte County Sheriff's Office.

The drugs were found in the back of a Ford F-150 pickup truck. [...] The deputy's trained eye spotted a box labeled "Tramadol," a known controlled substance. [...] "A lot of antibiotics, some anti-inflammatories, some muscle relaxers," said Dr. Richard Lawrence of Fort Myers Prescription Shop. "Nothing that I would've seen that would've carried a lot of street potential or abuse potential." [...]