

An Analysis of OHV Recalls: Increasing Number of OHVs Pulled from Market due to Safety Concerns

A Consumer Federation of America (CFA) analysis of off highway vehicle (OHV) recalls found that over the past nine years, there have been 97 OHV recalls, and the number of recalls has increased from two recalls in 2010 to 18 recalls in 2018, and currently eight in 2019. OHVs include all-terrain vehicles (ATVs), recreational off-highway vehicles (ROVs), and utility task vehicles (UTVs). CFA's analysis of U.S. Consumer Product Safety Commission (CPSC) OHV recall reports since 2010 found that the highest number of recalls occurred during the past three years, from January 1, 2016 through January 1, 2019.

In addition, CFA analysis of CPSC OHV recall reports from January 1, 2010 through July 29, 2019 found that 19 brands¹ were involved in the recalls, and the brand with the most recalls was Polaris.² CPSC reports identified at least 71 injuries and two deaths linked to OHVs that were subsequently recalled. Also, more than one million³ OHVs were estimated to be sold and subsequently recalled.

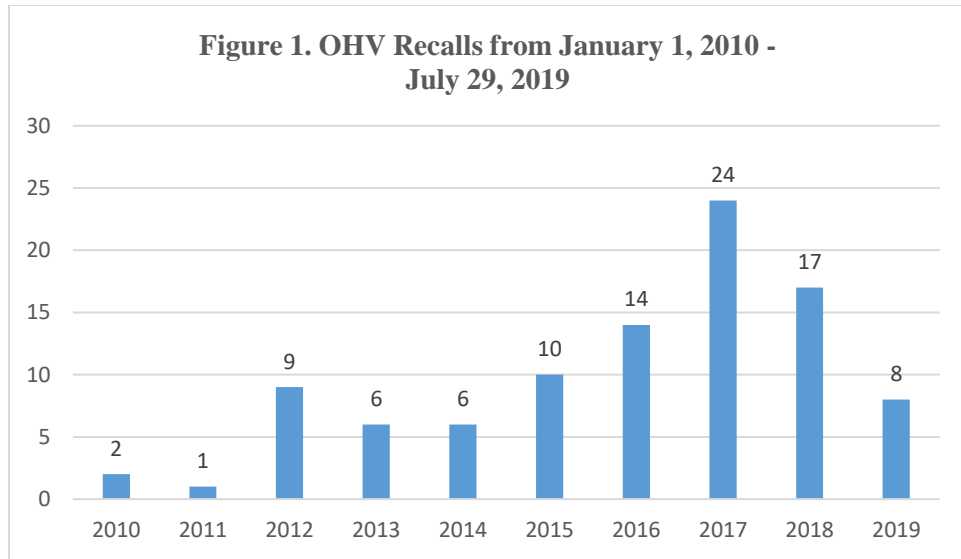
Recall Volume by Brand and Year

From January 1, 2010 through July 29, 2019, a total of 97 recall notices were identified. Nineteen brands were involved in the notices, and the brand that had the most recall notices during the period was Polaris. Figure 1, below, shows the number of OHV recalls during the report period. In 2017, there were a total of 24 recalls—the highest number of recalls in a single year during the period analyzed. In 2019, thus far, there have been eight recalls. In 2018, there were 17 recalls and in 2016, there were 14 recalls. In 2011, there was one recall, but the following year the number of recalls increased to nine, a nine-fold increase, which was the highest increase, between years, for the time period analyzed by CFA.

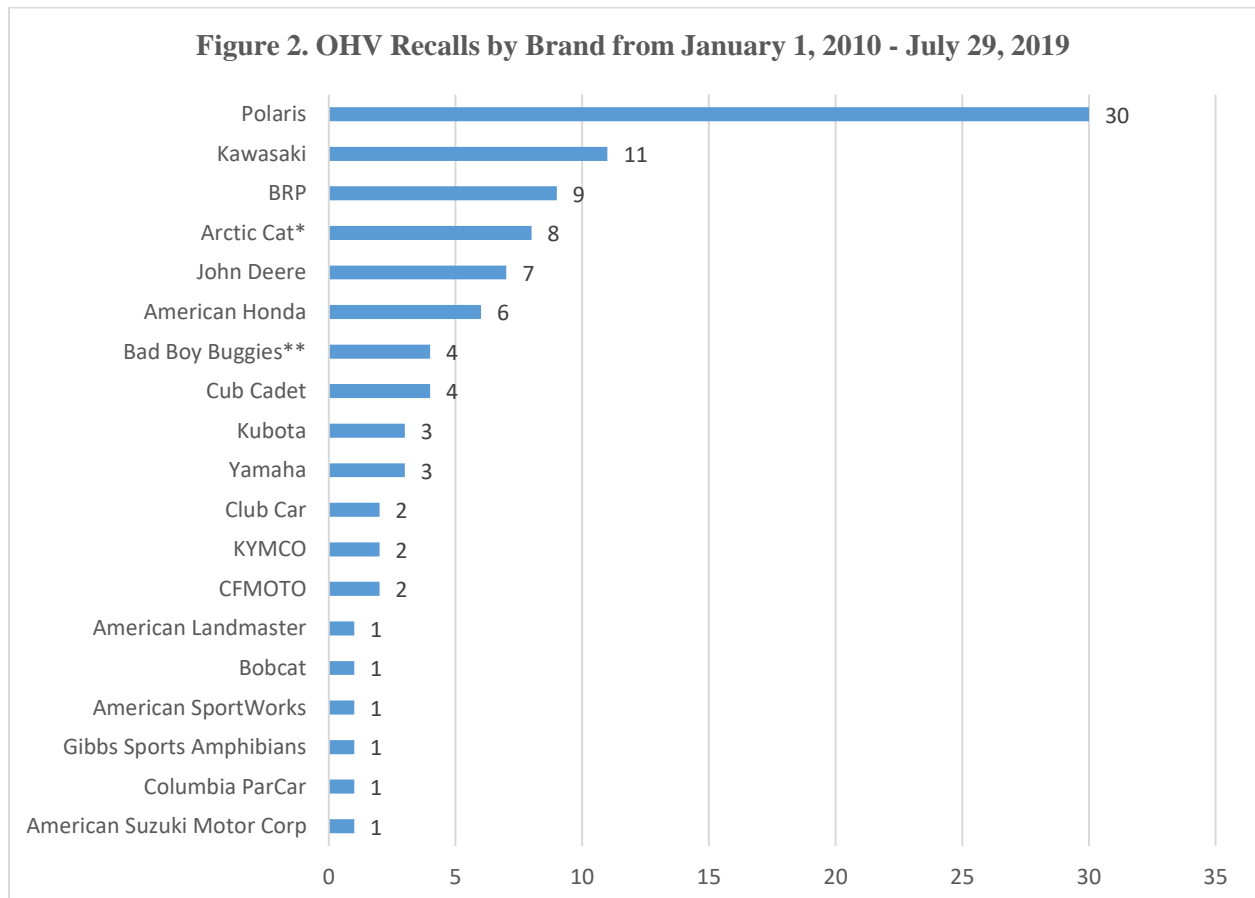
¹ Brand, is used to denote the type of OHV being recalled. While the brand is sometimes synonymous with the manufacturer, it is sometimes the name of an OHV produced by a manufacturer of a different name. In some instances, it is not clear from the recall notice who the manufacturer is.

² A single CPSC recall notice can include a single model or multiple models, as well as a single model year or multiple model years, or any combination of these factors.

³ There were five CPSC recall notices that included golf carts alongside OHVs. The CPSC recall notices did not separate the total units of the OHV products from the golf cart products. Therefore this total includes some units of golf carts.



The OHV recalls involve 19 different brands. Figure 2, below, shows that Polaris had the most recalls, 30, while Kawasaki had the second highest number of recalls, eleven. BRP/Can-Am had the third highest number of recalls, nine.



*Arctic Cat issued three recall notices under the name Arctic Cat on March 2014, July 2015, and August 2016. In October 2017 and November 2017, Arctic Cat issued a recall but under the name Textron. [According to Textron's website](#), Textron announced it purchased Arctic Cat in March 2017. For the purposes of this analysis, the Textron recall for Arctic Cat was included under the name Arctic Cat.

**Different CPSC recall notices for Bad Boy Buggies differ on who is issuing the recall. On January 2017, Textron issued a recall for Bad Boy Buggies, and it was listed as the manufacturer of Bad Boy Buggies in the CPSC recall notice. On April 2014 and December 2011, Bad Boy Buggies issued two recalls for UTVs alongside E-Z-GO. E-Z-GO issued the two recalls for golf carts. Both Bad Boy Buggies and E-Z-GO are manufactured by Textron, according to the CPSC recall notices. For the purposes of this analysis, the recalls issued under Textron and E-Z-GO for Bad Boy Buggy products are included under the name Bad Boy Buggies.

Recalls Driven by Fire, Throttle, and Steering Hazards

There are numerous reasons why OHVs have been recalled, and CFA was able to identify some patterns. For example, looking at the entire period, the cause of the most recalls is fire hazards. Fire related hazards accounted for 43 recalls (44%). The second most common hazard indicated in the OHV recall notifications related to throttle issues which accounted for 12 of the 97 recalls or 11%. The third most common hazard identified as the cause of OHV recalls involved steering related issues which made up 11 recalls (11%). These top three hazards represent nearly 70% of all hazards that led to recalls (66%).

Fire related hazards include issues such as fuel hoses leaking, exhaust pipes cracking, and other fuel related-issues. Issues related to the throttle include the throttle failing to return to idle and the throttle cable melting. Examples of steering related issues include the steering shaft breaking and the electronic power steering unit malfunctioning.

Injuries and Deaths

Injuries and deaths were involved in more than one quarter of the OHV recalls. Out of the 97 recalls analyzed, 25 recalls (25%) involved at least one injury. Tragically, the most serious involved two deaths. [The most recent death occurred in January 2017](#) and involved the rollover of an OHV that was subsequently recalled because it did not have seatbelts, resulting in the death of a 14-year-old passenger. [The second death occurred in April 2016](#) on an OHV that caught fire (the specific part of the vehicle that caught fire was not identified) and then rolled over, resulting in the death of a 15-year-old passenger.

There were 71 injuries included in the recall notices. The CPSC did not always identify the severity of the injuries, but of the 71 injuries included, there were at least two severe injuries. [One individual suffered a serious leg injury](#) after a rollover incident (the vehicle in this incident was part of the same recall as the January 2017 death above). And the second severe injury included [a young child who suffered severe burns](#) after an ROV caught fire (this recall noted that an additional five people suffered burn injuries but did not label them severe).

1,260,298 Vehicles Subsequently Recalled were Sold

For every recall issued, the CPSC estimates the number of impacted vehicles sold. For the 97 recalls analyzed, the CPSC estimates that 1,260,298 vehicles subsequently recalled were sold.

The recalls that involved the largest number of OHVs were two Polaris recalls, one John Deere recall, and one American Honda recall. The Polaris RZR ROV recall impacted [approximately 133,000 vehicles, in April 2016](#), and was due to the risk of the vehicle catching fire and involved the largest number of vehicles recalled during the period analyzed.

The second Polaris RZR ROV recall, due to heat shield problems, [occurred in April 2018 and impacted approximately 107,000 vehicles](#), the second highest number of recalls. The American Honda ROV recall impacted [82,000 vehicles in June 2019](#) due to the throttle pedal sticking in the open position and involved the third highest number of recalls. The John Deere Crossover Gator UTV recall impacted [68,300 vehicles in December 2017](#) due to steering shaft problems and involved the fourth highest number of recalls.

Investigation into Cause of Increasing Recalls Needed

OHVs are powerful vehicles that can pose safety risks to OHV drivers and passengers even during seemingly low risk conditions. But when drivers are unwittingly using defective OHVs, the safety risk increases even more. More defective vehicles being used means more potential injuries and deaths.

OHV companies must do everything necessary to ensure the safety of their products. While we applaud companies for taking responsibility and recalling their products, problems should be identified before the products enter the marketplace and pose risks to consumers. This analysis identified that more OHV recalls have been occurring more recently. These recalled OHVs have been involved in incidents resulting in at least two deaths and 71 injuries. The CPSC must investigate why the number of OHV recalls are increasing and take steps, along with OHV manufacturers, to prevent these tragedies and improve the safety of these vehicles.

Appendix: Links to CPSC OHV Recall Reports

From January 1, 2010 through July 29, 2019

Recall Date	Company	Link
6/28/2019	Yamaha	https://www.cpsc.gov/Recalls/2019/yamaha-recalls-grizzly-atvs-and-wolverine-x2-rovs-due-to-incorrect-owners-manual-recall
6/13/2019	American Honda	https://www.cpsc.gov/Recalls/2019/American-Honda-Recalls-Recreational-Off-Highway-Vehicles-Due-to-Crash-and-Injury-Hazards-Recall-Alert
6/4/2019	Polaris	https://www.cpsc.gov/Recalls/2019/Polaris-Recalls-Recreational-Off-Highway-Vehicles-Due-to-Crash-Hazard-Recall-Alert
6/4/2019	Polaris	https://www.cpsc.gov/Recalls/2019/Polaris-Recalls-RZR-Recreational-Off-Highway-Vehicles-Due-to-Crash-and-Injury-Hazards-Recall-Alert
5/22/2019	Arctic Cat	https://www.cpsc.gov/Recalls/2019/Arctic-Cat-Recalls-Textron-Recreational-Off-Highway-Vehicles-Due-to-Crash-Hazard-Recall-Alert
3/14/2019	Kawasaki	https://cpsc.gov/Recalls/2019/Kawasaki-USA-Recalls-Off-Highway-Utility-Vehicles-Due-to-Fuel-Leak-Fire-Hazards-Recall-Alert
3/5/2019	Arctic Cat	https://cpsc.gov/Recalls/2019/Arctic-Cat-Recalls-Textron-OffHighway-Utility-Vehicles-Due-to-Crash-Hazard-Recall-Alert
3/5/2019	Arctic Cat	https://cpsc.gov/Recalls/2019/Arctic-Cat-Recalls-Textron-OffHighway-Utility-Vehicles-Due-to-Fuel-Leak-and-Fire-Hazard-Recall-Alert
12/6/2018	Kawasaki	https://cpsc.gov/Recalls/2019/Kawasaki-USA-Recalls-Off-Highway-Utility-Vehicles-Due-to-Injury-Hazard-Recall-Alert
11/8/2018	American Honda	https://cpsc.gov/Recalls/2019/American-Honda-Recalls-Recreational-Off-Highway-Vehicles-Due-to-Fire-and-Burn-Hazards-Recall-Alert
10/31/2018	CFMOTO	https://www.cpsc.gov/Recalls/2019/CFMOTO-Recalls-Recreational-OffHighway-Vehicles-Due-to-Crash-Hazard-Recall-Alert
10/24/2018	Cub Cadet	https://www.cpsc.gov/Recalls/2019/Cub-Cadet-Recalls-Utility-Vehicles-Due-to-Fire-Hazard-Recall-Alert
9/11/2018	John Deere	https://www.cpsc.gov/Recalls/2018/John-Deere-Recalls-Gator-Utility-Vehicles-Due-to-Crash-Hazard-Recall-Alert
9/26/2018	CFMOTO	https://www.cpsc.gov/Recalls/2018/CFMOTO-Recalls-AllTerrain-Vehicles-Due-to-Fire-Hazard
9/5/2018	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-Ranger-Recreational-OffHighway-Vehicles-Due-to-Crash-Hazard-Recall-Alert

8/27/2018	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-RZR-XP-Turbo-S-Recreational-Off-Highway-Vehicles-Due-to-Injury-Hazard-Recall-Alert
8/23/2018	American Landmaster	https://www.cpsc.gov/Recalls/2018/American-Landmaster-Recalls-OffRoad-Utility-Vehicles-Due-to-Fire-and-Burn-Hazards
8/8/2018	Bobcat	https://www.cpsc.gov/Recalls/2018/Bobcat-Company-Recalls-Utility-Vehicles-Due-To-Burn-and-Fire-Hazards-Recall-Alert
8/8/2018	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-Gravelly-Utility-Vehicles-Due-To-Fire-and-Burn-Hazards-Recall-Alert
6/29/2018	BRP	https://www.cpsc.gov/Recalls/2018/BRP-Recalls-All-Terrain-Vehicles-Due-to-Fuel-Leak-and-Fire-Hazard-Recall-Alert
5/15/2018	American Honda	https://www.cpsc.gov/Recalls/2018/American-Honda-Recalls-Recreational-Off-Highway-Vehicles-Due-to-Fire-and-Burn-Hazard-Recall-Alert
4/19/2018	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-Ranger-XP-Recreational-Off-Highway-Vehicles-Due-to-Injury-Hazard-Recall-Alert
4/19/2018	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-Phoenix-200-AllTerrain-Vehicles-Due-to-Crash-Hazard
4/10/2018	BRP	https://www.cpsc.gov/Recalls/2018/BRP-Recalls-AllTerrain-Vehicles-Due-to-Crash-Hazard-Recall-Alert
4/2/2018	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-RZR-XP-1000-Recreational-Off-Highway-Vehicles-ROVs-Due-to-Fire-Hazard
12/21/2017	John Deere	https://www.cpsc.gov/Recalls/2018/John-Deere-Recalls-Crossover-Gator-Utility-Vehicles-Due-to-Crash-Hazard-Recall-Alert
12/21/2017	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-RZR-XP-4-Turbo-Recreational-Off-Highway-Vehicles-Due-to-Fire-Hazard-Recall-Alert
11/30/2017	Kubota	https://www.cpsc.gov/Recalls/2018/Kubota-Recalls-RTV-X-Series-Utility-Vehicles-Due-to-Injury-Hazard-Recall-Alert
11/16/2017	Arctic Cat	https://www.cpsc.gov/Recalls/2018/Arctic-Cat-Recreational-Off-Highway-Vehicles-Recalled-by-Textron-Specialized-Vehicles-Due-to-Fire-Hazard
10/30/2017	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-General-Recreational-Off-Highway-Vehicles
10/27/2017	Arctic Cat	https://www.cpsc.gov/Recalls/2018/Arctic-Cat-Recreational-Off-Highway-Vehicles-Recalled-by-Textron-Specialized-Vehicles
10/17/2017	Polaris	https://www.cpsc.gov/Recalls/2018/Polaris-Recalls-ACE-325-Recreational-Off-Highway-Vehicles
9/6/2017	Kawasaki	https://www.cpsc.gov/Recalls/2017/Kawasaki-Recalls-Brute-Force-300-All-Terrain-Vehicles

8/22/2017	Polaris	https://www.cpsc.gov/Recalls/2017/Polaris-Recalls-GENERAL-Recreational-Off-Highway-Vehicles-Recall-Alert
8/10/2017	Kawasaki	https://www.cpsc.gov/Recalls/2017/Kawasaki-Recalls-All-Terrain-Vehicles
8/8/2017	Polaris	https://www.cpsc.gov/Recalls/2017/Polaris-Recalls-Scrambler-All-Terrain-Vehicles
7/25/2017	Polaris	https://www.cpsc.gov/Recalls/2017/Polaris-Recalls-RZR-170-Recreational-Off-Highway-Vehicles#
7/19/2017	Polaris	https://www.cpsc.gov/Recalls/2017/Polaris-Recalls-Sportsman-570-All-Terrain-Vehicles
7/18/2017	Polaris	https://www.cpsc.gov/Recalls/2017/polaris-recalls-rzr-570-and-rzr-s-570-recreational-off-highway-vehicles-recall-alert
7/6/2017	Cub Cadet	https://www.cpsc.gov/Recalls/2017/cub-cadet-recalls-utility-vehicles-recall-alert
6/20/2017	Kawasaki	https://www.cpsc.gov/Recalls/2017/kawasaki-recalls-utility-vehicles-recreational-off-highway-vehicles-and-all-terrain
5/9/2017	American Honda	https://www.cpsc.gov/Recalls/2017/recreational-off-highway-vehicles-recalled-by-american-honda-recall-alert
4/13/2017	Polaris	https://www.cpsc.gov/Recalls/2017/polaris-recalls-ranger-900-recreational-off-highway-vehicles
4/13/2017	Polaris	https://www.cpsc.gov/Recalls/2017/polaris-recalls-sportsman-all-terrain-vehicles-recall-alert
4/11/2017	John Deere	https://www.cpsc.gov/Recalls/2017/john-deere-recalls-gator-utility-vehicles-recall-alert#
3/21/2017	Polaris	https://www.cpsc.gov/Recalls/2017/polaris-recalls-sportsman-850-and-1000-all-terrain-vehicles
3/2/2017	Polaris	https://www.cpsc.gov/Recalls/2017/polaris-recalls-rzr-and-general-recreational-off-highway-vehicles
1/12/2017	BRP	https://www.cpsc.gov/Recalls/2017/brp-recalls-side-by-side-off-road-vehicles
1/11/2017	Bad Boy Buggies	https://www.cpsc.gov/Recalls/2017/textron-specialized-vehicles-recalls-bad-boy-off-road-utility-vehicles
12/29/2016	Polaris	https://www.cpsc.gov/Recalls/2017/Polaris-Recalls-Sportsman-570-All-Terrain-Vehicles-Due-to-Fire-Hazard
11/22/2016	BRP	https://www.cpsc.gov/Recalls?field_rc_date_value%5Bmin%5D%5Bdate%5D=&field_rc_date_value%5Bmax%5D%5Bdate%5D=&combine=recreational%20vehicles&page=2
9/15/2016	Polaris	https://www.cpsc.gov/Recalls/2016/Polaris-Recalls-Ranger-Recreational-Off-Highway-Vehicles
9/1/2016	Polaris	https://www.cpsc.gov/Recalls/2016/Polaris-Recalls-RZR-XP-Turbo-Recreational-Off-Highway-Vehicles
8/23/2016	Arctic Cat	https://www.cpsc.gov/Recalls/2016/Arctic-Cat-Recalls-Side-by-Side-Utility-Vehicles

7/28/2016	John Deere	https://www.cpsc.gov/Recalls/2016/John-Deere-Recalls-High-Performance-Gator-Utility-Vehicles
7/7/2016	Kawasaki	https://www.cpsc.gov/Recalls/2016/Kawasaki-USA-Recalls-Recreational-Off-Highway-Vehicles
5/12/2016	Kubota	https://www.cpsc.gov/Recalls/2016/Kubota-Recalls-Utility-Vehicles#
5/10/2016	American Honda	https://www.cpsc.gov/Recalls/2016/American-Honda-Recalls-Recreational-Off-Highway-Vehicles
5/5/2016	BRP	https://www.cpsc.gov/Recalls/2016/BRP-Recalls-Side-By-Side-Off-Road-Vehicles
4/29/2016	Cub Cadet	https://www.cpsc.gov/Recalls/2016/Cub-Cadet-Recalls-Challenger-Off-Road-Utility-Vehicles#
4/19/2016	Polaris	https://www.cpsc.gov/Recalls/2016/Polaris-Recalls-RZR-Recreational-Off-Highway-Vehicles-Due
4/13/2016	Yamaha	https://www.cpsc.gov/Recalls/2016/Yamaha-Recalls-Utility-Vehicles
3/9/2016	KYMCO	https://www.cpsc.gov/Recalls/2016/KYMCO-Recalls-Utility-Vehicles
12/15/2015	Kawasaki	https://www.cpsc.gov/Recalls/2016/Kawasaki-Expands-Recall-of-Teryx-and-Teryx4-Recreational-Off-Highway-Vehicles
12/10/2015	Polaris	https://www.cpsc.gov/Recalls/2016/Polaris-Recalls-RZR-XP-Turbo-Recreational-Off-Highway-Vehicles-Recall-Alert
10/7/2015	BRP	https://www.cpsc.gov/Recalls/2016/BRP-Recalls-Youth-All-Terrain-Vehicles
10/6/2015	Polaris	https://www.cpsc.gov/Recalls/2016/Polaris-Recalls-RZR-Recreational-Off-Highway-Vehicles-2016
8/13/2015	American SportWorks	https://www.cpsc.gov/Recalls/2015/American-SportWorks-Recalls-Four-Wheel-Off-Road-Utility-Vehicles
7/28/2015	Arctic Cat	https://www.cpsc.gov/Recalls/2015/Arctic-Cat-Recalls-Off-Highway-Utility-Vehicles
7/23/2015	Polaris	https://www.cpsc.gov/Recalls/2015/Polaris-Recalls-Youth-RZR-Recreational-Off-Highway-Vehicles
5/26/2015	BRP	https://www.cpsc.gov/Recalls/2015/BRP-Recalls-Youth-Model-Can-Am-All-Terrain-Vehicles
4/14/2015	Yamaha	https://www.cpsc.gov/Recalls/2015/Yamaha-Recalls-Viking-VI-Side-x-Side-Vehicles
2/3/2015	Gibbs Sports Amphibians	https://www.cpsc.gov/Recalls/2015/Gibbs-Sports-Amphibians-Recalls-Quadski-Amphibious-Vehicles
10/16/2014	American Honda	https://www.cpsc.gov/Recalls/2015/American-Honda-Recalls-Recreational-Off-Highway-Vehicles
9/25/2014	Bad Boy Buggies	https://www.cpsc.gov/Recalls/2014/Bad-Boy-Buggies-Recalls-Recreational-Off-Road-Vehicles#
7/30/2014	Kawasaki	https://www.cpsc.gov/Recalls/2014/Kawasaki-Recalls-Teryx4-Recreational-Off-highway-Vehicles
4/22/2014	Bad Boy Buggies	https://www.cpsc.gov/Recalls/2014/E-Z-GO-Recalls-Golf-Shuttle-Off-Road-Utility-Vehicles

3/18/2014	Arctic Cat	https://www.cpsc.gov/Recalls/2014/Arctic-Cat-Recalls-Off-Highway-Utility-Vehicles
2/25/2014	Polaris	https://www.cpsc.gov/Recalls/2014/Polaris-Recalls-Ranger-Recreational-Off-Highway-Vehicles
6/19/2013	Polaris	https://www.cpsc.gov/Recalls/2013/Polaris-Recalls-Ranger-Off-Highway-Vehicles
2/24/2013	John Deere	https://www.cpsc.gov/Recalls/2013/John-Deere-Recalls-Gator-Utility-Vehicles
1/29/2013	BRP	https://www.cpsc.gov/Recalls/2013/BRP-Recalls-Can-Am-Side-By-Side-Vehicles
1/20/2013	John Deere	https://www.cpsc.gov/Recalls/2013/John-Deere-Recalls-Gator-Utility-Vehicles-Due-to-Fire-Hazard
1/20/2013	BRP	https://www.cpsc.gov/Recalls/2013/BRP-Recalls-Can-Am-Side-By-Side-Vehicles-Due-to-Loss-of-Steering-Control-Hazard
1/9/2013	Polaris	https://www.cpsc.gov/Recalls/2013/Polaris-Recalls-Ranger-Recreational-Off-Highway-Vehicles-Due-to-Loss-of-Control-and-Crash-Hazard
11/15/2012	John Deere	https://www.cpsc.gov/Recalls/2013/John-Deere-Recalls-Utility-Vehicles-Powered-by-Kawasaki-Engines-Due-to-Fire-Hazard
10/2/2012	Kubota	https://www.cpsc.gov/Recalls/2013/Kubota-Recalls-Off-Road-Utility-Vehicles-Due-to-Carbon-Monoxide-Hazard
9/19/2012	Club Car	https://www.cpsc.gov/Recalls/2012/Club-Car-Recalls-Golf-Cars-and-Utility-Vehicles-Due-to-Fuel-Leak-and-Fire-Hazard
8/22/2012	Kawasaki	https://www.cpsc.gov/Recalls/2012/Kawasaki-Recalls-Recreational-Off-Highway-Vehicles-Due-to-Injury-Death-Hazard
4/26/2012	Kawasaki	https://www.cpsc.gov/Recalls/2012/Kawasaki-USA-Recalls-Recreational-Off-Highway-Vehicles-Due-to-Injury-Death-Hazard
4/10/2012	Club Car	https://www.cpsc.gov/Recalls/2012/Club-Car-Recalls-Utility-and-Transport-Vehicles-Due-to-Crash-Hazard
3/15/2012	Kawasaki	https://www.cpsc.gov/Recalls/2012/Kawasaki-USA-Recalls-Utility-Vehicles-due-to-Fire-Hazard
1/26/2012	KYMCO	https://www.cpsc.gov/Recalls/2012/KYMCO-Recalls-Utility-Vehicles-Due-to-Fire-Hazard
1/26/2012	Columbia ParCar	https://www.cpsc.gov/Recalls/2012/Columbia-ParCar-Recalls-for-Repair-Golf-Service-Utility-Vehicles-Due-to-Crash-Hazard
12/14/2011	Bad Boy Buggies	https://www.cpsc.gov/Recalls/2012/E-Z-GO-Recalls-Golf-Cars-Shuttles-and-Off-Road-Utility-Vehicles-Due-to-Crash-Hazard
11/23/2010	Cub Cadet	https://www.cpsc.gov/Recalls/2011/Cub-Cadet-Recalls-Utility-Vehicles-Due-to-Risk-of-Loss-of-Control

7/8/2010	American Suzuki Motor Corp	https://www.cpsc.gov/Recalls/2010/All-Terrain-Vehicles-Recalled-by-American-Suzuki-Motor-Corp-Due-to-Loss-of-Control-Hazard
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