



Monthly Iran Projectile Tracker: April 2025

Ari Cicurel
Associate Director of Foreign Policy

The Jewish Institute for National Security of America's (JINSA) [Iran Projectile Tracker](#) presents regularly updated charts and graphs on missiles, rockets, drones, and mortars that Iran and its regional proxies have fired at U.S. personnel, partners, and interests in the Middle East, as well as data for other Iran-linked malign activity. Below is an update reflecting the major trends from the last month.

1. Major Trends

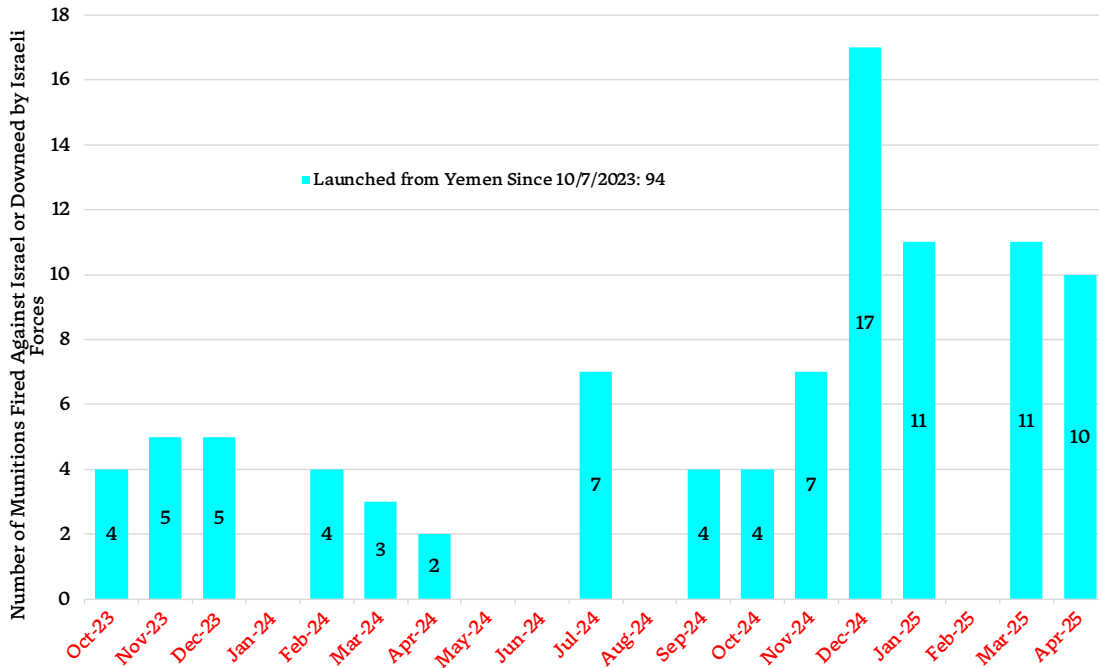
- Iranian proxy attacks against Israel continued to decrease during April, with Hezbollah conducting no attacks for only the second time since the war began and Hamas only slightly increasing its fire. The one notable exception remained the Houthis who slightly decreased their overall fire against Israel throughout April but escalated at the end of the month. Additionally, the Houthis achieved notable successes by escalating their attacks against U.S. Navy targets, despite the over 580 U.S. strikes against the Iran-backed Houthis in April.
- While the Houthis launched one fewer attack in April than in March, the terrorist group mounted an extended escalation of near daily attacks against Israel at the end of the month.
- In April, the Houthis escalated their fire against U.S. naval vessels and aircraft, enabling the terrorist group to impose substantial financial costs on the United States and undermined the credibility of U.S. and Israeli air defenses.
- With Israel expanding its operations in Gaza, Hamas marginally increased its fire against Israel, but the overall trend of substantially reduced attacks from Gaza suggests that Israeli operations have significantly reduced the terrorist group's operational capacity.

2. Iran-linked Attacks Against Israel

- In April, the Houthis launched nine percent fewer projectiles that reached Israeli territory or were downed by Israeli forces than during March.
 - » The Houthis launched at least 10 projectiles during April compared to 11 in March.
 - These attacks escalated at the end of April, with the Houthis launching an average of one projectile per day from April 22-29.
 - » On May 4, an Israeli Arrow air defense interceptor and then a U.S. Terminal High Altitude Area Defense (THAAD) interceptor [failed](#) to neutralize the Houthi missile that struck Tel Aviv's Ben Gurion Airport, leading to the Yemeni terrorist group's [first successful strike](#) against the Israeli airport that injured six people.

Houthi Attacks that Reached Israel or Downed by Israeli Forces Since October 7, 2023

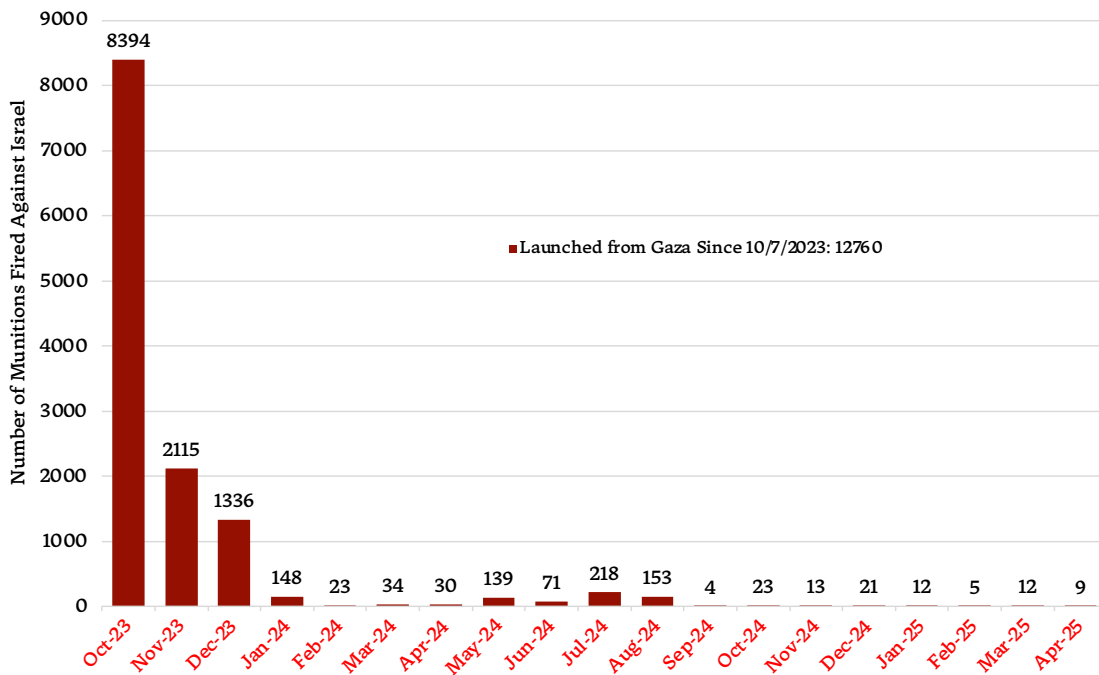
 JINSA



- » Since U.S. and Israeli forces intercept numerous Houthi projectiles over the Red Sea before they near their targets, incidents recorded as maritime attacks may have been targeting Israel, making the total number of attacks against Israel higher.
- Hamas launched 25 percent fewer projectiles at Israel during April than in March.
 - » Hamas launched 9 projectiles at Israel during April, down from twelve during March.

Projectiles Hamas Launched At Israel Per Month Since October 7, 2023

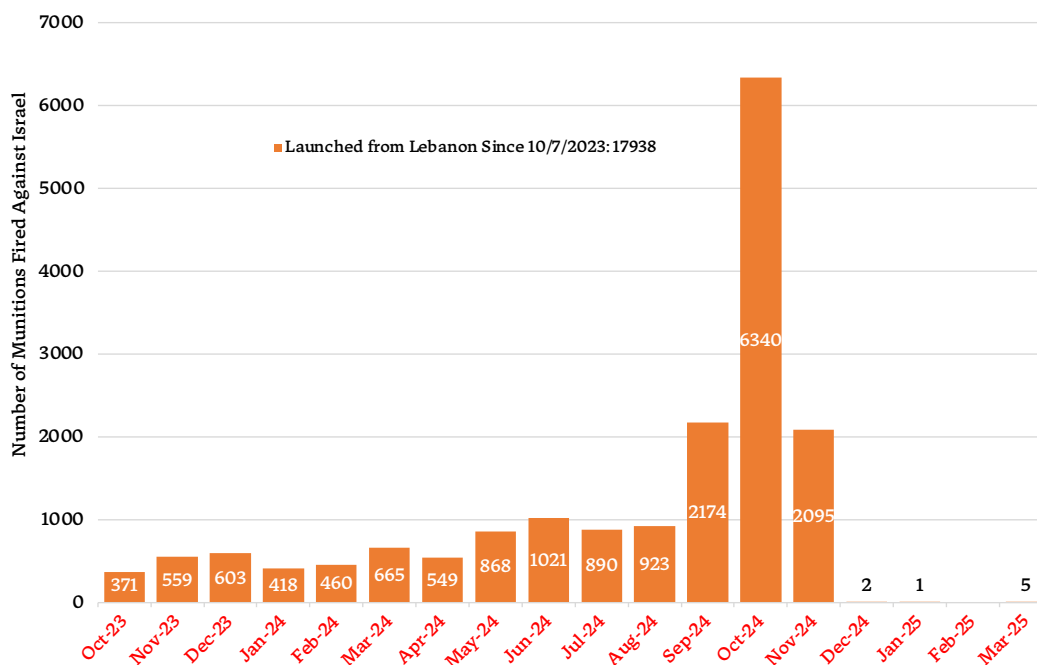
 JINSA



- In April, Hezbollah did not conduct any projectile attacks against Israel, only the second month without an attack from Lebanon since the war began.

Projectiles Hezbollah Launched At Israel Per Month Since October 7, 2023

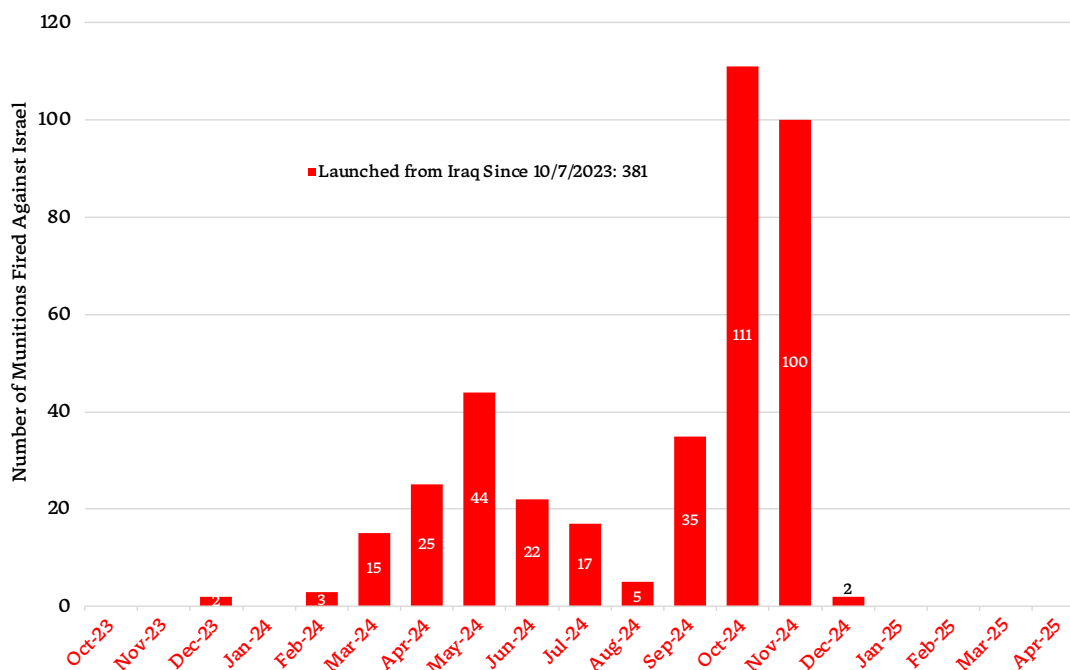
 JINSA



- Although not a party to the ceasefires, Iran's proxies in Iraq have not launched an attack against Israel since December 2024.
 - » Iran-backed militias in Iraq have launched at least 381 UAVs and missiles at Israel since October 2023.

Projectiles Iran-backed Militia in Iraq Launched At Israel Per Month Since October 7, 2023

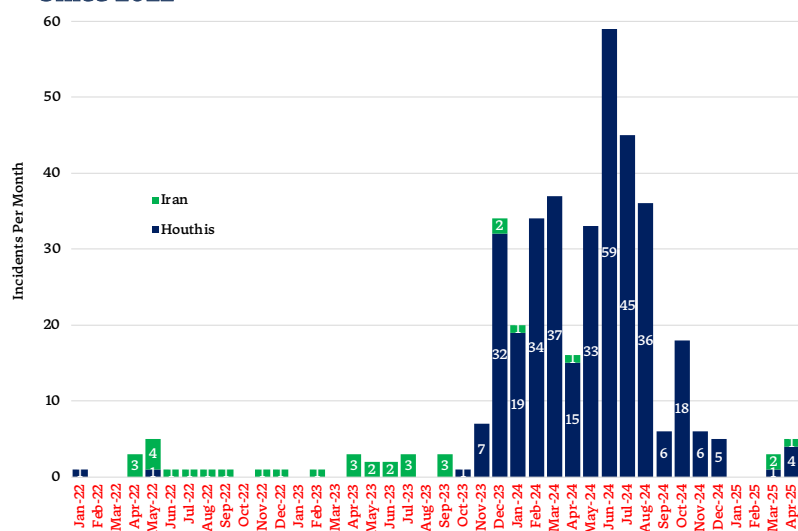
 JINSA



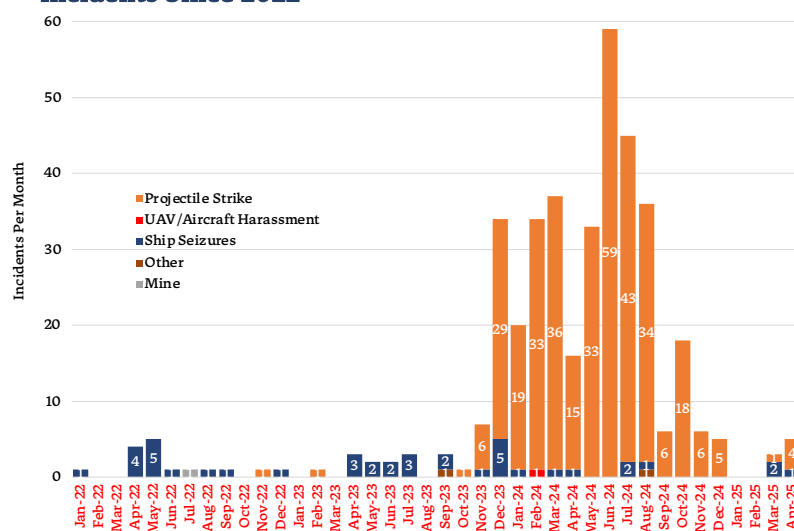
3. Iran-linked Projectile Attacks Against Maritime Targets

- Iran and the Houthis launched 66 percent more attacks against maritime targets during April compared to March.
 - » The Houthis launched 300 percent more attacks against maritime targets during April compared to March.
 - The Houthis launched four attacks in April, with three against U.S. Navy ships and one against a French ship, compared to only one attack during March.
 - » Despite the United States launching over 580 airstrikes against Houthi targets in Yemen in April, the Houthis' attacks demonstrated greater capabilities to impose significant costs on the United States.
 - Without substantial intelligence assets on the ground in Yemen, the United States relied upon unmanned aerial vehicles (UAVs) for reconnaissance, but the Houthis downed five U.S. MQ-9 UAVs in April that each cost \$30 million.
 - On April 28, the U.S. Navy [lost a F/A-18 fighter jet](#) that cost at least \$60 million and a tow tractor onboard the USS *Harry S. Truman* after the ship conducted evasive maneuvers to avoid a Houthi attack that combined ballistic missiles, cruise missiles, and UAVs. Even though all of the Houthi projectiles missed the *Truman*, the terrorist group demonstrated the capability to launch a combined missile and UAV attack that imposed a substantial financial cost on the United States.
 - » Meanwhile, Iran conducted half as many incidents of maritime aggression during April compared to March.
 - Iran seized one commercial ship in April and two commercial ships in March.
 - » The Houthis have launched at least 696 projectiles against maritime targets since the Iran-backed terrorist group began their escalation in October 2023.

Iran-linked Maritime Aggression Incidents Since 2022

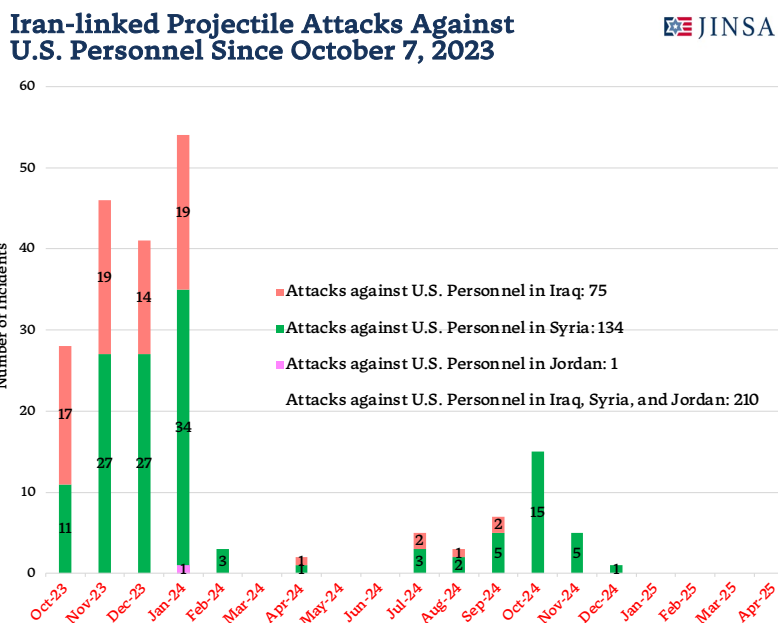


Types of Iran-linked Maritime Aggression Incidents Since 2022



4. Iran-linked Projectile Attacks Against U.S. Ground Forces

- In April 2025, Iranian proxies did not launch any attacks against U.S. ground forces in the Middle East, the fourth consecutive month with no such attacks.
 - » Iranian proxies have not targeted U.S. forces since December 3, 2024, the longest period without attacks since the war began.
- Iran-backed groups in Iraq and Syria have launched at least 210 attacks involving over 360 rockets, missiles, and drones against U.S. personnel in Iraq, Syria, and Jordan since October 17, 2023.



5. Iran-linked Malign Activity Against the United States

- In 2025, Iran and its proxies have conducted 25 incidents of malign activity against the United States, which were primarily Houthi attacks against U.S. military ships and aircraft.
 - » In 2024, Iran and its proxies conducted nearly as many incidents of malign activity targeting the United States or U.S. personnel (151) as in 2023 (147), most of which consisted of projectile strikes by Iran-backed groups in Iraq and Syria and Houthi strikes, endangering U.S. naval vessels in Middle Eastern waters.

