On May 13, 2023, after five days of Operation Shield and Arrow, a ceasefire was reached. During the fighting terrorist operatives of the Palestinian organizations in the Gaza Strip, primarily the Palestinian Islamic Jihad (PIJ) fired 1,469 rockets and mortar shells at Israel: 131 landed in Israeli territory, 291 landed in the Gaza Strip and 39 fell into the sea. The Iron Dome aerial defense system intercepted 39 rockets and the David's Sling aerial defense system intercepted two long-range rockets (IDF spokesman, May 14, 2023). Two people were killed in Israel and several dozen were wounded; extensive property damage was reported. Six prominent PIJ military-terrorist wing operatives died, killed in IDF targeted killings; the IDF carried out attacks on 422 terrorist targets.¹ When the fighting ended the ministry of health in Gaza published final data about the number of Palestinians killed and wounded in Operation Shield and Arrow; according to the data 33 Palestinians were killed, 22 fighting men, six children, three women and two non-combatant elderly men. Reportedly, 190 people were wounded, 64 of them children.

The ministry of health published an infographic dividing the fatalities according to age and location at the time of their deaths. According to the information, three died in the northern district, 17 in the Gaza City district, on in the central Gaza Strip, seven in the Khan Yunis district and five in the Rafah district (ministry of health in Gaza Twitter account, May 13, 2023).

¹ For further information see the May 14, 2023, report, "Operation Shield and Arrow in the Gaza Strip – Summary."
After the ceasefire went into effect the PIJ’s military-terrorist announced that 11 of their commanders and top operatives had been killed (Jerusalem Brigades Telegram channel, May 14, 2023).

The Palestinian media also posted notices with the pictures and names of the operatives who were killed; the notices differ (see below).
One of the notices (@qudsfeed Telegram channel, May 13, 2023).²

- The ITIC examination of the identities of the 33 fatalities and found the following:
  - Twenty were military-terrorist operatives, 13 from the PIJ, six of them commanders, one field commander and four operatives in the Jerusalem Brigades' rocket force.
  - Five were Popular Front for the Liberation of Palestine (PFLP) terrorist operatives and two were from the Mujahedeen Brigades, of a field commander.
  - Two Palestinians were killed who were affiliated with terrorist organizations but did not actively participate in the fighting. One, affiliated with Hamas, was a neighbor of Tareq Izz al-Din, and the other, affiliated with Fatah, was killed by shrapnel from a rocket that misfired.
  - Three women and six children were killed, most of them on the first day of fighting during the targeted killings of the three Jerusalem Brigades commanders.

Regarding the source of the information, as opposed to past practice the ministry of health in Gaza did not report the names of the fatalities. Information was taking from the societal organizations in the Gaza Strip, such as al-Mezan Center for Human Rights, the Palestinian media and formal announcements issued by the military-terrorist wings themselves.

² https://t.me/qudsfeed/98677
# Fatalities by organizational affiliation

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Residence</th>
<th>Cause of death</th>
<th>Affiliation</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jihad Abd al-Hafez Ghannam/Jihad Shakr Ghannam (Abu Muhammad)</td>
<td>62</td>
<td>Rafah</td>
<td>Targeted killing at the beginning of the operation, May 9, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
<td>Prominent Jerusalem Brigades commander</td>
</tr>
<tr>
<td>Khalil Salah Khaled al-Bahtini (Abu Hadi)</td>
<td>44</td>
<td>Gaza City</td>
<td>Targeted killing at the beginning of the operation, May 9, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
<td>Founded the Jerusalem Brigades security force.</td>
</tr>
<tr>
<td>Tareq Ibrahim Muhammad Izz al-Din (Abu Muhammad)</td>
<td>48</td>
<td>Gaza City</td>
<td>Targeted killing at the beginning of the operation, May 9, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
<td>Prominent Jerusalem Brigades commander</td>
</tr>
<tr>
<td>Sa'ed Jawad Abd Ferwana</td>
<td>28</td>
<td>al-Qarara</td>
<td>Israeli Air Force attack on anti-tank unit, May 9,</td>
<td>Jerusalem Brigades (PIJ)</td>
<td>Anti-tank missile squad</td>
</tr>
<tr>
<td>#</td>
<td>Name</td>
<td>Age</td>
<td>Location</td>
<td>Event Details</td>
<td>Group</td>
</tr>
<tr>
<td>----</td>
<td>-----------------------------</td>
<td>-----</td>
<td>------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>5</td>
<td>Wa'el Muhammad Sabri Uthman al-Agha</td>
<td>34</td>
<td>Khan Yunis</td>
<td>Israeli Air Force attack on anti-tank unit, May 9, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
</tr>
<tr>
<td>6</td>
<td>Ali Hassan Ghali</td>
<td>50</td>
<td>Khan Yunis</td>
<td>Targeted killing on PIJ hideout, May 11, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
</tr>
<tr>
<td>7</td>
<td>Mahmoud Hassan Muhammad Ghali</td>
<td>23</td>
<td>Khan Yunis</td>
<td>Targeted killing on PIJ hideout, May 11, 2023</td>
<td>Body wrapped for burial in PIJ flag</td>
</tr>
<tr>
<td>8</td>
<td>Mahmoud Walid Muhammad Abd al-Jawad (Mansour)</td>
<td>26</td>
<td>Rafah</td>
<td>Targeted killing on PIJ hideout, May 11, 2023</td>
<td>Body wrapped for burial in PIJ flag</td>
</tr>
<tr>
<td>9</td>
<td>Ahmed Muhammad Hamdan Abu Daqa</td>
<td>43</td>
<td>Bani Suheila, eastern Khan Yunis</td>
<td>Targeted killing in Bank Suheila, May 11, 2023</td>
<td>Body wrapped for burial in PIJ flag</td>
</tr>
<tr>
<td>10</td>
<td>Abd al-Halim Jawdat Kheir al-Najar</td>
<td>22</td>
<td>Unknown</td>
<td>Targeted killing in Jabalia, May 11, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
</tr>
<tr>
<td>11</td>
<td>Alian Atta Darwish Abu Wadi (Abu Bahaa)</td>
<td>38</td>
<td>Jabalia</td>
<td>Targeted killing in Jabalia, May 11, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
</tr>
<tr>
<td>12</td>
<td>Iyad al-Abd al-Husni (Abu Anas)</td>
<td>53</td>
<td>Al-Karameh, Gaza City</td>
<td>Killed in attack on building in Gaza City, May 12, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
</tr>
<tr>
<td></td>
<td>Name</td>
<td>Age</td>
<td>Location</td>
<td>Cause of Death</td>
<td>Group</td>
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<td>13</td>
<td>Muhammad Walid Muhammad Abd Alal</td>
<td>33</td>
<td>Unknown</td>
<td>Killed in attack on building in Gaza City, May 12, 2023</td>
<td>Jerusalem Brigades (PIJ)</td>
</tr>
<tr>
<td>14</td>
<td>Muhammad Yussuf Saleh Abu Ta’ima</td>
<td>23</td>
<td>Abasan al-Kabira</td>
<td>Killed in UAV strike on May 10, 2023</td>
<td>PFLP military-terrorist wing</td>
</tr>
<tr>
<td>15</td>
<td>Alaa Maher Yassin Abu Ta’ima</td>
<td>27</td>
<td>Abasan al-Kabira</td>
<td>Killed in UAV strike on May 10, 2023</td>
<td>PFLP military-terrorist wing</td>
</tr>
<tr>
<td>16</td>
<td>Alam al-Din Samir Tawfiq Abdul Aziz</td>
<td>23</td>
<td>Rafah</td>
<td>Killed in attack east of Rafah on May 10, 2023</td>
<td>PFLP military-terrorist wing</td>
</tr>
<tr>
<td>17</td>
<td>Ayman Karm Hussein Saidam:</td>
<td>26</td>
<td>Rafah</td>
<td>Killed in attack east of Rafah on May 10, 2023</td>
<td>PFLP military-terrorist wing</td>
</tr>
<tr>
<td>18</td>
<td>Uday Riadh Ahmed al-Louh</td>
<td>25</td>
<td>Unknown</td>
<td>Killed in attack on al-Doura mosque in the Nuseirat refugee camp</td>
<td>PFLP military-terrorist wing</td>
</tr>
<tr>
<td>19</td>
<td>Hussein Yussuf Abdallah Dalloul</td>
<td>23</td>
<td>Unknown</td>
<td>Targeted killing in eastern Shejaiya on May 11, 2023</td>
<td>Mujahedeen Brigades</td>
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<tr>
<td>20</td>
<td>Muhammad</td>
<td>31</td>
<td>Unknown</td>
<td>Targeted killing</td>
<td>Mujahedeen Field</td>
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<tr>
<td>No.</td>
<td>Name</td>
<td>Age</td>
<td>Location</td>
<td>Cause of Death</td>
<td>Affiliation</td>
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<tr>
<td>-----</td>
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</tr>
<tr>
<td>21</td>
<td>Suleiman Khalil Dadr</td>
<td></td>
<td>Shejaiya</td>
<td>Killed in attack on eastern Shejaiya on May 11, 2023</td>
<td>Brigades commander</td>
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<tr>
<td>22</td>
<td>Jamal Saber Muhammad Khaswan</td>
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<td>Gaza City</td>
<td>Killed in attack on house of Tareq Izz al-Din in Gaza City</td>
<td>Affiliated with Hamas</td>
</tr>
<tr>
<td>23</td>
<td>Ahmed Muhammad Ghanmi al-Shubaki (Abu Abdallah)</td>
<td>51</td>
<td>Gaza City</td>
<td>Killed by PIJ missile-firing malfunction in northern Gaza Strip on May 10, 2023</td>
<td>PA security services, affiliated with Fatah</td>
</tr>
<tr>
<td>24</td>
<td>Ali Tareq Ibrahim Izz al-Din</td>
<td>8</td>
<td>Gaza City</td>
<td>Killed in the attack on his father's house on May 9, 2023</td>
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<tr>
<td>25</td>
<td>Mayar Tareq Ibrahim Izz al-Din</td>
<td>12</td>
<td>Gaza City</td>
<td>Killed in the attack on his father's house on May 9, 2023</td>
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<tr>
<td>26</td>
<td>Hajar Khalil Salah al-Bahtini</td>
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<td>Gaza City</td>
<td>Killed with her mother in an attack on May 9, 2023</td>
<td>None</td>
</tr>
<tr>
<td>27</td>
<td>Layla Majdi Mustafa al-Bahtini</td>
<td>42</td>
<td>Gaza City</td>
<td>Killed with her daughter in an attack on May 9, 2023</td>
<td>None</td>
</tr>
<tr>
<td>28</td>
<td>Wafaa Namr Tawfiq Abd al-Hafez Ghannam</td>
<td>61</td>
<td>Rafah</td>
<td>Killed in an attack on the family house on</td>
<td>None</td>
</tr>
<tr>
<td>#</td>
<td>Name</td>
<td>Age</td>
<td>City</td>
<td>Date of Death</td>
<td>Relationship</td>
</tr>
<tr>
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</tr>
<tr>
<td>28</td>
<td>Yussuf Jamal Saber Khaswan</td>
<td>19</td>
<td>Gaza City</td>
<td>May 9, 2023</td>
<td>None</td>
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<tr>
<td>29</td>
<td>Dr. Merfat Saleh Muhammad Khaswan</td>
<td>45</td>
<td>Gaza City</td>
<td>May 9, 2023</td>
<td>None</td>
</tr>
<tr>
<td>30</td>
<td>Dania Alaa Atta Addass</td>
<td>19</td>
<td>Gaza City</td>
<td>May 9, 2023</td>
<td>None</td>
</tr>
<tr>
<td>31</td>
<td>Iman Alaa Atta Addass</td>
<td>17</td>
<td>Gaza City</td>
<td>May 9, 2023</td>
<td>None</td>
</tr>
<tr>
<td>32</td>
<td>Layan Bilal Madouh</td>
<td>10</td>
<td>Gaza City</td>
<td>May 10, 2023</td>
<td>None</td>
</tr>
<tr>
<td>33</td>
<td>Yazen Jawdat Fathi Alian</td>
<td>17</td>
<td>Gaza City</td>
<td>May 10, 2023</td>
<td>None</td>
</tr>
</tbody>
</table>
Appendix

Biographical Information³

Operation Shield and Arrow began on May 9, 2023, with the simultaneous targeted killings of three top PIJ military-terrorist wing commanders. The attacks were carried out by Israeli Air Force aircraft. All three held top positions in the PIJ.

Khalil Salah Khaled al-Bahtini (Abu Hadi)


► Organizational affiliation: Considered one of the top commanders in the Jerusalem Brigades, the PIJ’s military-terrorist wing. He was the field commander of the northern Gaza Strip, replacing Taysir al-Jaabari, who died in a targeted killing in Operation Breaking Dawn in August 2022.

► Organizational activity: He joined the PIJ at a young age. Initially he was a political activist and also participated in founding the Rawa company for artistic production. However, at the beginning of the second intifada (September 2000) he was in direct contact with many Jerusalem Brigades commanders. His military activities widened after the left the Gaza Strip for Israel in 2005. He established many squads within the Jerusalem Brigades, especially those supervising rocket development, and maintained contact with Bahaa Abu al-Atta (who died in a targeted killing on November 12, 2019), during Operation Black Belt and with Taysir al-Jaabari and Khaled Mansour (who died in a targeted killing during Operation Breaking Dawn in August 2022). He was a member of the PIJ’s Military Council and commander of the Jerusalem Brigades in the northern district in the Gaza Strip.

► Position/s held: He was commander of one of the military units, participated in weapons productions at the beginning of the first intifada, established the Jerusalem Brigades’ security force, commanded the da’wah unit, oversaw combat information, contributed to developing the PIJ’s media information unit, and was prominent in various artistic productions. After the targeted killing of Taysir al-Jaabari he commanded the Jerusalem Brigades in the northern sector of the Gaza Strip and was responsible for rocket fire from the area. He was also the Jerusalem Brigades’ representative in the joint operations room. He

³ In chronological order.
survived a number of attempts to kill him and was wounded in some of them. His brother Muhammad was killed in 2006 (al-Quds and Shehab, May 9, 2023).

Jihad Abd al-Hafez Ghannam/Jihad Shakr Ghannam (Abu Muhammad)

► Personal information: Born in Rafah in 1961.

► Organizational affiliation: Top PIJ military commander and was one of the most prominent Jerusalem Brigades commanders. Commanded the southern sector of the Gaza Strip and was Military Council secretary (Jerusalem Brigades' Telegram channel, May 9, 2023).

► Organizational activity: He joined the PIJ at the end of the 1980s during the Fathi Shqaqi era, and underwent military training in Sudan and Beirut. At the beginning of the second intifada he was one of the founders of the Judea and Samaria and participated in terrorist attacks and training fighters inside the Gaza Strip. In 2001 he was critically wounded and lost both legs and part of his arms. He was considered a prominent personality in the Jerusalem Brigades and was in direct contact with PIJ secretary general Ziyad al-Nakhalah, and had a special connections with Akram al-Ajouri, the Jerusalem Brigades commander (al-Quds and Shehab, May 9, 2023).

► Position/s held: Commanded many military-terrorist activities during the second intifada along with Muhammad al-Sheikh Khalil, who commanded the Jerusalem Brigades. He was

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4 https://www.alquds.com/ar/posts/70662
5 https://shehabnews.com/p/123474
6 https://t.me/sarayaps/14364
7 Fathi Shqaqi cofounded the PIJ and was its first secretary general, a position he held until he was killed by Israel in Malta in October 1995.
8 Died in an Israeli targeted killing in September 2005.
in charge of military, administrative and logistic files. His brother Ziyad, who was killed in 2007, was his aide and oversaw the preparation of suicide bombers for attacks in the southern Gaza Strip. He also oversaw the supply of weapons and the recruitment of the terrorist cells in Judea and Samaria which recently carried out terrorist attacks against Israel. He oversaw the production of rockets along with Khaled Mansour. His house was attacked several times during previous rounds of fighting, and survived more than five attempts to kill him. The most recent was in Operation Guardian of the Walls in May 2021 (al-Quds and Shehab, May 9, 2023).

Jihad al-Ghannam (Jerusalem Brigades website, May 9, 2023).

**Tareq Ibrahim Muhammad Izz al-Din (Abu Muhammad)**

► **Personal information:** 48 years old, born in the town of Arraba in the Jenin district.

► **Organizational affiliation:** The PIJ’s military-terrorist wing. He was one of its military operations commanders in Judea and Samaria (Jerusalem Brigades' Telegram channel, May 9, 2023).

► **Organizational activity:** He joined the PIJ at a young age. He participated in the first intifada and was detained by Israel five times, spending 12 years in Israeli jails. As a Jerusalem Brigades operative he participated in the second intifada and had an important position in clashes with Israeli security forces and establishing military squads. He participated in combat in Jenin in 2002 (Operation Defensive Shield). Detained at the end of 2002, he was sentenced to life imprisonment for his participation in the shooting attack in the center of Hadera on October 28, 2001, in which four women were killed and there were 33 Israelis wounded. While in jail he completed a university degree, studying in the political science department of Haifa University, and then getting an MA. He was released in the Gilad Shalit prisoner exchange deal in October 2011 and deported to the Gaza Strip.
Position/s held: He directed the Voice of the Prisoners radio station, and was PIJ spokesman for Judea and Samaria. He was prominent in the Judea and Samaria arena and commanded many military-terrorist operations. He was elected to the political bureau [apparently representing the West Bank] in the first PIJ election in 2018, and was elected for a second term a few months ago (al-Quds, Shehab and al-Araby al-Jadeed, May 9, 2023).

Ten people who were near the site of an Israeli attack on the PIJ on May 9, 2023, were killed:

Jamal Saber Muhammad Khaswan

Personal information: A well-known dentist in the Gaza Strip who in the past was chairman of the dentists' union in the Gaza Strip. He completed his dental studies in Russia in the 1990s. He was chairman of the board of directors of Hamas' al-Wafaa Hospital in Gaza City (arabi21 website and the @jalsetinaian2 Twitter account, May 9, 2023). According to Ashraf al-Qidra, spokesman for the ministry of health in the Gaza Strip, Khaswan held Russian citizenship (Sputnik in Arabic, May 9, 2023). The ministry of health in Gaza issued a mourning notice for him (al-Ray News, May 9, 2023). He was killed in the same attack that killed his neighbor Tareq Izz al-Din (Twitter account of photojournalist Hassan Aslih, May 9, 2023).

Organizational affiliation: He was affiliated with Hamas, and his body was wrapped for burial in a Hamas flag.

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9 https://www.alaraby.co.uk
11 https://sputnikarabic.ae
12 https://alray.ps/ar/post/274268
13 https://twitter.com/hassaneslayeh/status/1655789429263331330
Right: Dr. Jamal Khaswan (al-Ray News, May 9, 2023). Left: His body and his son’s body wrapped for burial in Hamas flags (Shehab Twitter account, May 9, 2023).

Ali Tareq Ibrahim Izz al-Din

► **Personal information:** 8 years old, son of Tareq Izz al-Din (@jalsetinaian2 Twitter account, May 9, 2023). He was killed in the attack on his father’s house in Gaza City.

Mayar Tareq Ibrahim Izz al-Din

► **Personal information:** 12 years old, daughter of Tareq Izz al-din (@jalsetinaian2 Twitter account, May 9, 2023). She was killed in the attack on his father’s house in Gaza City.

Mayar and Ali, Tareq Izz al-Din's children (Palinfo, May 9, 2023).

Hajar Khalil Salah al-Bahtini

► **Personal information:** Four or five years old, she was the daughter of Khalil al-Bahtini. She was killed with him and her mother in the attack on their house (@jalsetinaian2 Twitter account, May 9, 2023).

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14 [https://twitter.com/jalestinian2/status/1655749328621785088](https://twitter.com/jalestinian2/status/1655749328621785088)

Layla Majdi Mustafa al-Bahtini 42 years old, she was Khalil al-Bahtini’s wife. She was killed with him and her daughter in the attack on their house (@jalsetinaian2 Twitter account, May 9, 2023).

Wafaa Shadid Ghannam

► Personal information: 61 years old, she was Jihad Ghannam’s wife. She was killed with him in the attack on their house in Rafah.

Yussuf Jamal Saber Khaswan

► Personal information: 19 years old, son of Dr. Jamal Khaswan. He was a medical student at al-Azhar University in Gaza City (arabi21 website, May 9, 2023). He was killed with his parents in the same IDF attack that killed Tareq Izz al-Din

► Organizational affiliation: His body was wrapped for burial in a Hamas flag.

Yussuf Jamal Khaswan (@Pal-Shaheed Twitter account, May 9, 2023).

https://twitter.com/essamsakka/status/1656001920664838147
Dr. Merfat Saleh Muhammad Khaswan

- **Personal information:** 44 years old, wife of Dr. Jamal Khaswan, she was medical doctor (PLSgaza21 Facebook page and Muhammad Badawi Facebook page, May 9, 2023). Killed with her son Yussuf and her husband in the attack that killed Tareq Izz al-Din

Dania Alaa Atta Addass

- **Personal information:** 19 years old, she was a neighbor of Khalil al-Bahtini in the al-Tufah neighborhood of Gaza City. She was killed in the same attack as al-Bahtini (Addass family Facebook page, May 9, 2023).

Iman Alaa Atta Addass

- **Personal information:** 17 years old, Dani Addass' sister. She was killed in the same attack as al-Bahtini (Addass family Facebook page, May 9, 2023).

17 https://www.facebook.com/Moahammed1badawy
18 https://www.facebook.com/adass2013
19 https://www.facebook.com/
On the afternoon of May 9, 2023, IDF aircraft attacked an anti-tank unit in Khan Yunis in the southern Gaza Strip which was en route to a firing position (IDF spokesman's Twitter account, May 9, 2023). Two PIJ terrorist operatives were killed in the attack:

**Sa'ed Jawad Abd Ferwana**

**Personal information:** 28 years old (@Pal_Shaheed Twitter account, May 9, 2023),\(^{21}\) from the town of al-Qarara near Khan Yunis (al-Mezan Center for Human Rights website, May 9, 2023). Killed in an attack on an anti-tank unit in Khan Yunis.

**Organizational affiliation:** The mourning notice issued by the Ferwana family in Khan Yunis called him a *jihad fighter* (Ferwana family Facebook page, May 9, 2023).\(^{22}\) The videos and pictures taken at the funerals in Khan Yunis show only Ferwana's body wrapped for burial in a PIJ flag. **According to the Jerusalem Brigades mourning notice** he was an operative in the security force in the Khan Yunis Battalion (Jerusalem Brigades website, May 14, 2023).

**Organizational activity:** Was a member of the anti-tank squad which planned attacks in Operation Guardian of the Walls and had recently been involved in a number of attempts to carry out anti-tank fire (IDF spokesman's Twitter account, May 10, 2023).

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\(^{20}\) https://www.facebook.com/

\(^{21}\) https://twitter.com/Pal_Shaheed/status/1656001582255730688

\(^{22}\) https://www.facebook.com/groups/FerwanaFamily/posts/2317286531812736/
Wa'el Muhammad Sabri Uthman al-Agha

► **Personal information**: 34 years old (al-Agha family website, May 9, 2023), and lived in the Ma'an neighborhood of Khan Yunis (al-Mezan Center for Human Rights website, May 9, 2023). Died in an attack on an anti-tank squad in Khan Yunis.

► **Organizational affiliation**: According to the Jerusalem Brigades mourning notice, he was an operative in the anti-tank unit of the Jerusalem Brigades' Khan Yunis Battalion (Jerusalem Brigades website, May 14, 2023).

► **Organizational activity**: According to the IDF spokesman, he was an operative in an anti-tank squad in Khan Yunis which had been involved in attempts to fire anti-tank missiles during Operation Breaking Dawn (IDF spokesman, May 10, 2023).

23 https://t.me/sarayaps/14546
24 https://t.me/khnmedia/134406
25 https://elagha.net/
26 https://mezan.org/ar/post/45890
27 https://saraya.ps/post/66382
28 https://t.me/sarayaps/14546
On May 10, 2023, a missile was fired from a UAV at two Palestinians in Abasan al-Kabira (al-Mezan Center for Human Rights website, May 10, 2023). The al-Abu Ali Mustafa Battalions, the PFLP’s military-terrorist wing, reported two of the operatives in its rocket unit had been killed (Abu Ali Mustafa Battalions telegram channel, May 10, 2023). The operatives were:

**Muhammad Yussuf Saleh Abu Ta’ima**

- **Organizational activity**: Operative in the wing’s rocket unit.


**Alaa Maher Yassin Abu Ta’ima**

- **Personal information**: His name also appears in the media as Alaa Maher Baraka. He was 27 years old, from Abasan al-Kabira (Facebook page of relative Bassam Salah, May 10, 2023; Facebook page of the Abasan al-Kabira municipality, May 10, 2023). The Facebook page of relative Bassam Salah, May 10, 2023).

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29. [https://www.facebook.com](https://www.facebook.com)
30. [https://mezan.org/ar/post/45892](https://mezan.org/ar/post/45892)
31. [https://t.me/kataebabuali/9951](https://t.me/kataebabuali/9951), [https://t.me/kataebabuali/9953](https://t.me/kataebabuali/9953)
32. [https://www.facebook.com/](https://www.facebook.com/)
33. [https://t.me/kataebabuali/9951](https://t.me/kataebabuali/9951), [https://t.me/kataebabuali/9953](https://t.me/kataebabuali/9953)
34. [https://t.me/kataebabuali/9953](https://t.me/kataebabuali/9953)

► **Organizational affiliation**: Operative in the AAMBA, the PFLP’s military-terrorist wing (Abu Ali Mustafa Battalions Telegram channel, May 10, 2023).

► **Organizational activity**: Operative in the wing’s rocket unit.

**Mourning notice issued for Alaa Maher Abu Ta’ima by the Abu Ali Mustafa Battalions (Abu Ali Mustafa Battalions Telegram channel, May 10, 2023).**

► At 3:10 p.m. on May 10, 2023, a UAV fired a missile at Palestinians in the Abu Hawala region of the al-Shouka neighborhood in the eastern part of the Rafah district (al-Mezan Center for Human Rights website, May 10, 2023). The Abu Ali Mustafa Battalions reported two operatives of its artillery unit had been killed (Abu Ali Mustafa Battalions Telegram channel, May 10, 2023).

► **Personal information**: 23 years old, from Rafah (al-Mezan Center for Human Rights website, May 10, 2023). Died in a targeted killing in the Abu Hawala area east of Rafah.


► **Organizational activity**: Artillery unit.

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35 https://www.facebook.com/
36 https://t.me/kataebabuali/9951. https://t.me/kataebabuali/9953
37 https://t.me/kataebabuali/9953
38 https://mezan.org/ar/post/45903
39 https://t.me/kataebabuali/9951. https://t.me/kataebabuali/9953

**Ayman Karm Hussein Saidam**

- **Personal information:** 26 years old, from Rafah (al-Mezan Center for Human Rights website, May 10, 2023). Died in a targeted killing in the Abu Alawa area east of Rafah.
- **Organizational affiliation:** Abu Ali Mustafa Battalions, the military-terrorist wing of the PFLP (Abu Ali Mustafa Battalions Telegram channel, May 10, 2023).
- **Organizational activity:** Operative in the wing’s artillery unit.

Before dawn on May 11, 2023, Israeli Air Force aircraft attacked Ali Hassan Ghali’s hideout in Khan Yunis. He was the commander of the PIJ’s rocket force in the Gaza Strip. According to reports, two other PIJ terrorist operatives were killed with him.

**Ali Hassan Ghali**

- **Personal information:** Born in Khan Yunis in 1975 (al-Mezan Center for Human Rights website, May 11, 2023). He survived several attempts on his life, the most prominent of

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40 [https://t.me/kataebabuali/9951](https://t.me/kataebabuali/9951), [https://t.me/kataebabuali/9953](https://t.me/kataebabuali/9953)
which was during Operation Guardian of the Walls in 2021, when he was seriously wounded. His house was attacked several times in recent years. His brother Muhammad is serving a sentence of 25 years in Israeli jails for participation in terrorist attacks (Palinfo, May 11, 2023). He was killed in an attack on his hideout in Khan Yunis.

**Organizational affiliation:** Jerusalem Brigades, the PIJ’s military-terrorist wing.

**Organizational activity:** He was a member of the Jerusalem Brigades' Military Council and a commander in the PIJ's rocket force in the Gaza Strip (Jerusalem Brigades' Telegram channel, May 11, 2023). He was in charge of directing and carrying out rocket fire at Israel, including rocket barrages during Operation Shield and Arrow. He also directed and participated in rocket fire during Operation Guardian of the Walls and Operation Breaking Dawn, and was considered a central PIJ figure (IDF spokesman’s Twitter account, May 11, 2023). He joined the PIJ in the early 1990s. After he joined the Jerusalem Brigades he was one of the first to dispatch suicide bombers. He was one of the founders of the rocket unit, and had participated in rocket fire since 2002 and commanded the training of rocket fire operatives, supervising the firing of Fajr-5 rockets in 2012. In addition, he was considered brilliant and technically creative, an excelled in producing both mobile and stationary rocket launchers. He was appointed deputy commander of the Jerusalem Brigades' rocket unit in 2010 and was Khaled Mansour’s deputy in commanding the unit for many years. He was appointed to replace Khaled Mansour, and had been a member of the Jerusalem Brigades' Military Council since 2019 (Palinfo, May 11, 2023).
Mahmoud Hassan Muhammad Ghali (Abu Muhammad)

► **Personal information:** 33 years old, Ali Hassan Ghali’s brother (al-Mezan Center for Human Rights website, May 11, 2023). Died in the attack on his brother’s hideout in Khan Yunis.

► **Organizational affiliation:** His body was wrapped for burial in a PIJ flag.

Mahmoud Walid Muhammad Abd al-Jawad (Mansour)

► **Personal information:** 26 years old (al-Mezan Center for Human Rights website, May 11, 2023). From Rafah; Ali Hassan Ghali’s nephew (Paldf Twitter account, May 11, 2023; [twitter.com/PalpostN/status/1656427241641852929](https://twitter.com/PalpostN/status/1656427241641852929) and [twitter.com/Pal_Shaheed/status/1656580278846930944](https://twitter.com/Pal_Shaheed/status/1656580278846930944))
Died in the attack on his uncle’s hideout in Khan Yunis.

- **Organizational affiliation**: His body was wrapped for burial in a PIJ flag.

- **Personal information**: 51 years old. The Palestinians claimed he was killed when shrapnel from an Iron Dome interception fell on his house, which was near the al-Waem Charitable Foundation.

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47 [https://twitter.com/paldf/status/165658425008996352](https://twitter.com/paldf/status/165658425008996352)

48 [https://twitter.com/abweadi216564/status/16566032427802624](https://twitter.com/abweadi216564/status/16566032427802624)

49 [https://www.facebook.com/](https://www.facebook.com/)
Association in the northern Gaza Strip (Facebook page of Yasmin al-Saraj, May 10, 2023). He was probably killed by a rocket misfired by the PIJ.

**Organizational affiliation:** He was a Fatah operative and officer in the PA's police force (Fatah's media information and cultural commission in the Gaza Strip, May 10, 2023).


### Layan Bilal Madouh

**Personal information:** 10 years old. She was killed at 3:45 p.m. on May 10, 2023, when a rocket fell on the house of Jawdat Fathi Alian in the al-Sahaba neighborhood of Gaza City (al-Mezan Center for Human Rights website, May 11, 2023).

Mourning notice issued by the ministry of education in the Gaza Strip for Layan Madouh (ministry of education in Gaza Facebook page, May 11, 2023).

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50 https://www.facebook.com/
51 https://twitter.com/fatehgmic/status/1656302074596868097
52 https://www.facebook.com/
53 https://www.facebook.com
Yazen Jawdat Fathi Alian

► **Personal information:** 17 (or 20) years old (@Pal-Shaheed Twitter account, May 10, 2023; Twitter account of Abu Obeida Rayan, May 10, 2023). She was killed at 3:45 p.m. on May 10, 2023, when a rocket fell on the house of Jawdat Fathi Alian in the al-Sahaba neighborhood of Gaza City (al-Mezan Center for Human Rights website, May 11, 2023).

► **Organizational affiliation:** Unknown.

![Yazen Alian (@Pal-Shaheed Twitter account, May 10, 2023).](image)

► At 4:00 p.m. on May 11, 2023, an attack was carried out on a house in the town of Bani Suheila, east of Khan Yunis (al-Mezan Center for Human Rights website, May 12, 2023), killing a leading PIJ terrorist operative.

Ahmed Muhammad Hamdan Abu Daqa

► **Personal information:** 43 years old from Bani Suheila, east of Khan Yunis. He was killed in an attack on a house in Bani Suheila.

► **Organizational affiliation:** The PIJ's Jerusalem Brigades issued a mourning notice for him, calling him one of its commanders (Jerusalem Brigades website, May 11, 2023).

► **Organizational activity:** He was the deputy commander of the PIJ's rocket force, and responsible for rocket fire at Israel during Operation Shield and Arrow, especially rockets targeting the southern Israeli city of Sderot. He was also in charge of the force’s daily operations. He worked to promote, plan and carry out rocket fire attacks against Israel. He also participated in the rocket fire attacks of Operation Guardian of the Walls and Operation Breaking Dawn (IDF website, May 11, 2023).

54 [https://twitter.com/Pal_Shaheed/status/1656341797621071879](https://twitter.com/Pal_Shaheed/status/1656341797621071879)
55 [https://mezan.org/ar/post/45927](https://mezan.org/ar/post/45927)
56 [https://saraya.ps/post/66359](https://saraya.ps/post/66359)
Hussein Yussuf Abdallah Dalloul

- **Personal information:** 23 years old. He was killed at 5:00 p.m. on May 11, 2023 by IDF artillery fire targeting the eastern neighborhood of Shejaiya in eastern Gaza City (al-Mezan Center for Human Rights website, May 12, 2023).

- **Organizational affiliation:** The Mujahedeen Brigades\(^\text{58}\) issued a mourning notice for him (Mujahedeen Brigades Telegram channel, May 11, 2023).\(^\text{59}\)

Muhammad Suleiman Khalil Dadr

- **Personal information:** 31 years old. He was killed at 5:00 p.m. on May 11, 2023 by IDF artillery fire targeting the eastern neighborhood of Shejaiya in eastern Gaza City (al-Mezan Center for Human Rights website, May 12, 2023). The Mujahedeen Brigades issued a mourning notice for him calling him a field commander (Mujahedeen Brigades Telegram channel, May 11, 2023).

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\(^{57}\) [https://t.me/sarayaps/14439](https://t.me/sarayaps/14439)

\(^{58}\) The Mujahedeen Brigades splintered off from Fatah’s al-Aqsa Martyrs’ Brigades after becoming more radically Islamist. One of the network’s leaders was Assad Ibrahim Abu Sharia, a resident of the Gaza Strip, and was involved in firing rockets and placing IEDs near the border security fence. In the past the network operating in the Gaza Strip with the knowledge and under the aegis of Hamas, which also provided it with funding guidance and technical knowledge. In May 2012 a network squad was exposed; it was planning to abduct an Israeli civilian to use as a bargaining chip for the release of Palestinian terrorist prisoners (Israeli Security Agency website, May 31, 2012).

\(^{59}\) [https://t.me/darebmojahden/3428](https://t.me/darebmojahden/3428)
Abd al-Halim Jawdat Kheir al-Najar

- **Personal information:** 22 years old. He was killed at 9:20 p.m. on May 11, 2023 in an Israeli attack on a group of Palestinians near the Abu al-Kheir Tower near the al-Karm Junction in eastern Jabalia (al-Mezan Center for Human Rights website, May 12, 2023).

- **Organizational affiliation:** According to a PIJ announcement, he was an operative in the rocket unit of the northern Gaza Strip Battalion (Jerusalem Brigades website, May 14, 2023).

Alian Atta Darwish Abu Wadi (Abu Bahaa)

- **Personal information:** 38 years old, from Jabalia.

- **Organizational affiliation:** Died on May 12, 2023, after having been wounded at 9:20 p.m. on May 11, 2023, in an Israeli attack on a group of Palestinians near the Abu al-Kheir Tower.

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60. https://t.me/darebmojahden/3435
61. https://twitter.com/alrayps/status/1657006055627292679
near the al-Karm Junction in eastern Jabalia (al-Mezan Center for Human Rights website, May 12, 2023).

**Organizational activity:** According to a PIJ announcement, he was an operative in the rocket unit of the northern Gaza Strip Battalion (Jerusalem Brigades website, May 14, 2023).


### Uday Riadh Ahmed al-Louh

**Personal information:** 25 years old. Killed at 11:00 p.m. on May 11, 2023, by a missile fired from an IDF UAV near the al-Da’wah Mosque north of the Nuseirat refugee camp in the central Gaza Strip (al-Mezan Center for Human Rights website, May 12, 2023). The PFLP’s Abu Ali Mustafa Battalions reported he was an operative in its rocket unit Louh (Abu Ali Mustafa Battalions Telegram channel, May 12, 2023).


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62 [https://www.facebook.com/](https://www.facebook.com/)
63 [https://t.me/kataebabuali/9971](https://t.me/kataebabuali/9971)
64 [https://t.me/kataebabuali/9972](https://t.me/kataebabuali/9972)
At 4:20 p.m. on May 12, 2023, an apartment on the fifth floor on the northwest side of a building in the al-Nasr neighborhood in western Gaza City was attacked. Two PIJ terrorist operatives were killed.

Iyad al-Abd al-Husni (Abu Anas)

- **Personal information**: Born in the al-Shati refugee camp in 1971, and recently lived in the al-Karama neighborhood in the northwestern part of Gaza City. He was killed at 4:20 p.m. on May 12, 2023, when an apartment on the fifth floor on the northwest side of a building in the al-Nasr neighborhood in western Gaza City was attacked (al-Mezan Center for Human Rights website, May 13, 2023). [65]

- **Organizational affiliation**: The PIJ's Jerusalem Brigades issued a mourning notice for him.

- **Position/s held**: He was a member of the PIJ's Military Council and in charge of the Jerusalem Brigades' operational unit (Jerusalem Brigades website, May 12, 2023). [66] The Jerusalem Brigades issued a mourning notice for him, stating he was its commander of operations and in charge of coordinating between the Jerusalem Brigades and the Izz al-Din Qassam Brigades [Hamas' military-terrorist wing] during Operation Shield and Arrow (Izz al-Din Qassam Brigades website, May 12, 2023). [67]

- He was a terrorist operative during the first intifada, when he was wounded and detained for short periods of time. He joined the PIJ in 1988, and when its military-terrorist wing was established, which was called "Qassam" in Arabic, [68] and participated in establishing some of its squads along with its founder, Mahmoud al-Khawaja. He participated in dozens of shooting attacks and clashes with IDF forces between 1992 and 1996, and oversaw the preparations for the attack carried out by Ali al-Amawi in the southern Israeli city of Ashdod in 1994. [69] In 1995 he had limited involvement in the double suicide bombing attack at the

[65] https://mezan.org/ar/post/45965
[66] https://saraya.ps/post/66368/
[67] https://www.alqassam.ps/arabic/statements/details/5749
[68] "Qassam" is an acronym in Arabic for "Islamic forces – jihad fighters."
[69] The shooting attack at the Ashdod Junction, April 7, 1994, in which one Israeli was killed and four were wounded.
Beit Lid Junction. In 1996 he was directly involved in preparations for the suicide bombing attack at the Dizengoff Center in Tel Aviv.

Since 1995 he had been wanted by the Israeli security forces. He was detentions with Hamas and PIJ operatives by the Palestinian security services when the PA took over the Gaza Strip. He participated in the Jerusalem Brigades' founding in 2000, and established its military judgment unit. He was in charge of its central operations unit and a member of the Military Council in the Gaza Strip. He left the Gaza Strip several times and was in direct contact with the Hezbollah leadership. He survived two Israeli attempts on his life. His cousin and aide for years, Ramah Fayiz al-Husni, was killed in 2011 when the car he was driving mysteriously exploded in the central Gaza Strip. His brother Muhammad was one of the first local PIJ leaders in Gaza City, and was released in the Gilad Shalit prisoner exchange deal after serving more than 24 years in Israeli jails (al-Quds, May 12, 2023; Jerusalem Brigades' Telegram channel, May 13, 2023).

**Muhammad Walid Muhammad Abd Alal**

- **Personal information**: 33 years old. Killed along with Iyad al-Husni (al-Mezan Center for Human Rights website, May 13, 2023).

- **Organizational affiliation**: PIJ terrorist operative (Jerusalem Brigades' Telegram channel, May 13, 2023). According to a PIJ announcement, he was one of the operatives in

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70 On January 22, 1995, there was a double PIJ suicide bombing attack at the Beit Lid Junction in which 22 Israelis were killed (19 IDF soldiers and one civilian were killed immediately, and two soldiers died a week later) and 66 were wounded.

71 On March 4, 1996, a suicide bomber blew himself up in Dizengoff Center, a mall in Tel Aviv, killing 15 people, among them an IDF soldier and five adolescents, and wounding 163.


73 https://t.me/sarayaps/14477

74 https://t.me/sarayaps/14493
charge of the Jerusalem Brigades' operations unit (Jerusalem Brigades website, May 14, 2023).

Right: Muhammad Abd Al-Alam (Jerusalem Brigades' Telegram channel, May 14, 2023). Left: The funeral held for Iyad al-Husni and Muhammad Abd al-Alam, both bodies wrapped for burial in PIJ flags (QudsN Facebook page, May 13, 2023).

Tamim Dawad

In several of the notices with the names and pictures of the 33 Palestinians killed during Operation Shield and Arrow the name of Ahmed Muhammad al-Shubaki does not appear, and instead there are the name and picture of a child named Tamim Dawad. According to the family, 5 year-old Tamam had a weak heart and when he was six months old he underwent open heart surgery in Israel. On May 9, 2023, he suffered an attack after being frightened by the Israeli Air Force attack on Tareq Izz al-Din's hideout in the building next to the Dawad family house, and died in the hospital (Palestine Online, May 12, 2023; arabi21 website, May 11, 2023).

Tamim Dawad (Palestine Online, May 12, 2023)

75 https://www.facebook.com/