



Assessment of Damages



**Caused by the Israeli Defense Forces Operations
in the Gaza Strip**

26.06.2006–28.08.2006

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EXECUTIVE SUMMARY

Introduction

Following the kidnapping of an Israeli Defense Forces (IDF) soldier by three Palestinian militants, the IDF launched a military offensive in the Gaza strip on 28 June 2006 codenamed "Operation Summer Rains." In addition to killing over 200 Palestinians, including 44 children, the operation resulted in extensive damage to Palestinian infrastructure and economy in the Gaza strip.

In an effort to account for the extent of the physical and material damage that resulted from the military operations, the UNDP's Programme of Assistance to the Palestinian People (PAPP) immediately commenced an extensive damage assessment exercise that covered the entire geographic area of the Gaza strip. While this exercise is still ongoing, this document reports some of the salient initial findings of the assessment yielded thus far. The damage was assessed across sectors and geographic areas. The estimated total cost of the damage assessed for the **period between June 28 and August 27, 2006** is around **US\$ 46 million**.

Assessment Focus and Methodology

The primary focus of the exercise was to assess the damage to 6 sectors; namely, municipal infrastructure, housing, public buildings, agriculture, energy and industry. The assessment was divided across 5 distinct geographic areas in the Gaza strip, namely the officially established Governorates: Gaza, Rafah, Khan Younis, Middle and North.

Over 25 UNDP professional engineers and programme specialists were involved in the exercise. The methodology used for assessing the damage in all the sectors, except the agricultural sector, involved site and field visits to every damaged location, costing and recording of physical damages. The assessment of damages to the agricultural sector was done in collaboration with the Palestinian Authority and Agricultural NGO's, followed by independent site visits to validate the data received. As clearly reflected in the report, the teams extensively documented and recorded each individual site visit and assessment.

It is important to note that the figures contained herewith reflect the **actual estimated costs of damage** and not estimates for the required repairs.

Damage across Sectors

The initial damage estimates per sector hitherto yielded are:

1. **Municipal infrastructure** (including bridges water and wastewater lines and roads) **US\$ 8 million**
2. **Energy** (including the electricity lines and power station) **US\$ 8 million**
3. **Agriculture** (including olives and citrus orchards, greenhouses, poultries and livestock farms, water wells) **US\$ 23.5 million**
4. **Housing** **US\$ 2 million**
5. **Public buildings** (both governmental and NGO) **US\$ 4.2 million; and**
6. **Industry** **US\$ 0.3 million**

Damage per Governorate

The damage estimates per Governorate are:

1. **Gaza** - US\$ 13.5
2. **Middle** - US\$12 million
3. **Rafah** - US\$ 9.6 million
4. **North** - US\$ 6.6 million
5. **Khan Younis** - US\$ 4.2 millions

The report also provides an analysis of a sectorial breakdown across the governorates, which reveals that the sectoral damage varies from one governorate to the other.

BACKGROUND

Following the kidnapping of an Israeli soldier by three Palestinian militants from Gaza, the IDF launched a military offensive on June 28, 2006 codenamed “operation summer rains.” The operation has been ongoing and has resulted in the killing of over 200 Palestinians, including 44 children. It has also resulted in substantive damage to



the infrastructure in the Gaza Strip, as well as every economic sector including agriculture and industry. Most noteworthy is the destruction of the power station in the Gaza strip, which provides electricity for over 1 million residents, as well as the private and public sectors.

In addition to the damages incurred in the infrastructure, the GOI of Israel imposed a very strict policy of closure, which resulted in serious shortages of materials, including food rations and construction materials. As a result of this closure the production sectors such as: industry, agriculture, and construction have been severely impeded. For example, only 17% of Gaza’s production is exported through Karni crossing, the only access point for goods in and out of Gaza.

To take stock of the material damage to infrastructure in the Gaza strip in the past two months, UNDP’s Programme of Assistance to the Palestinian People (PAPP) launched an extensive damage assessment exercise that covered the entire geographic area of the Gaza Strip, focusing on six important sectors: municipal infrastructure, housing, public buildings, agriculture, energy and industry. A team of 25 engineers and professionals are involved in this ongoing exercise, and have been reporting their findings on a biweekly basis. The estimated total cost of the damage assessed for the **period between June 28 and August 27, 2006** is around **US\$ 46 million**.



This report provides an outline of some the salient findings for damage in the aforementioned period. It is important to note that the figures provided reflect the cost of the physical damage, and not the cost of the repairs. It is also important to note that these figures do not account for the aggregated economic losses that result from the damage such as the loss of income and production.

DAMAGES IN BRIEF

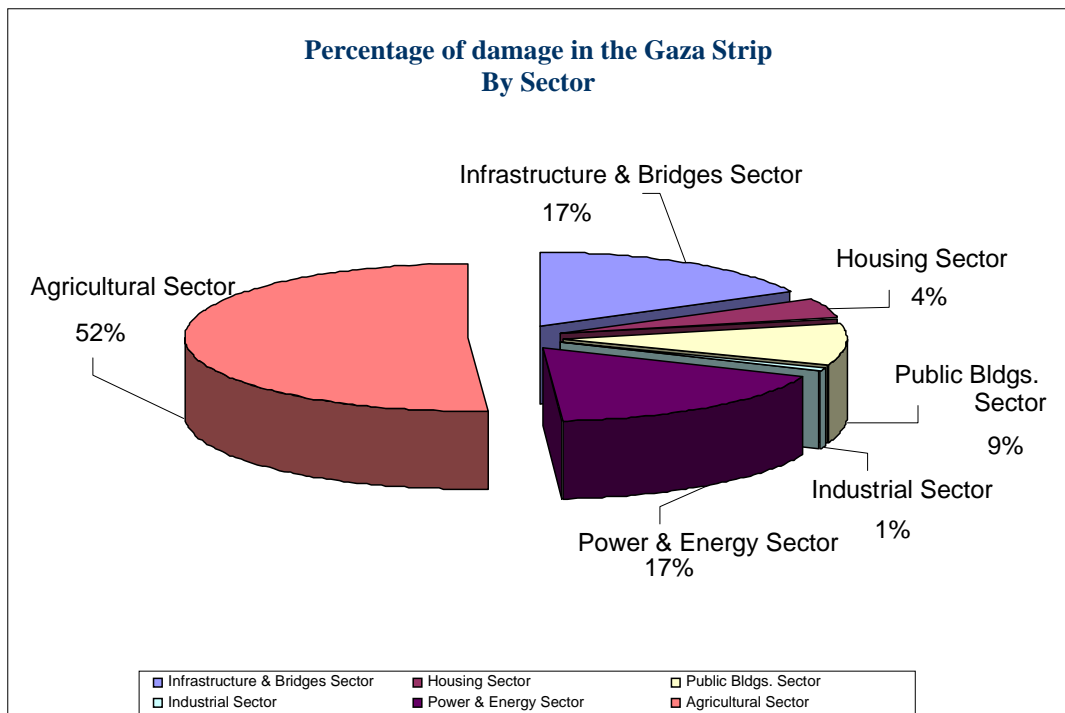
Sectors Damaged in the Gaza Strip

The affected sectors shown in the pie chart below include:

1. **Municipal infrastructure** including bridges, water and sewage lines and roads with total damage cost of US\$8 million.
2. **Energy** including the electricity lines and power station with total damage cost of around US\$8 million.
3. **Agriculture** including olives and citrus orchards, greenhouses, poultries and livestock farms, water wells, irrigation networks and fences with a total damage estimate of US\$23.5 million.
4. **Housing** with total damage cost of around US\$2 million.
5. **Public Buildings** including both government and NGO buildings with total damage estimate of US\$4.2 million. and
6. **The industrial sector** such as workshops and small factories, with a total damage of around US\$0.3 million.

Summary of damage assessment by Sector Distribution

Part No.	Sector	Estimated Cost (\$)
1	Infrastructure & Bridges Sector	\$7,912,078
2	Housing Sector	\$2,049,521
3	Public Buildings Sector	\$4,223,020
4	Industrial Sector	\$348,792
5	Power & Energy Sector	\$7,918,441
6	Agriculture Sector	\$23,546,023
TOTAL COST (\$)		\$45,997,873



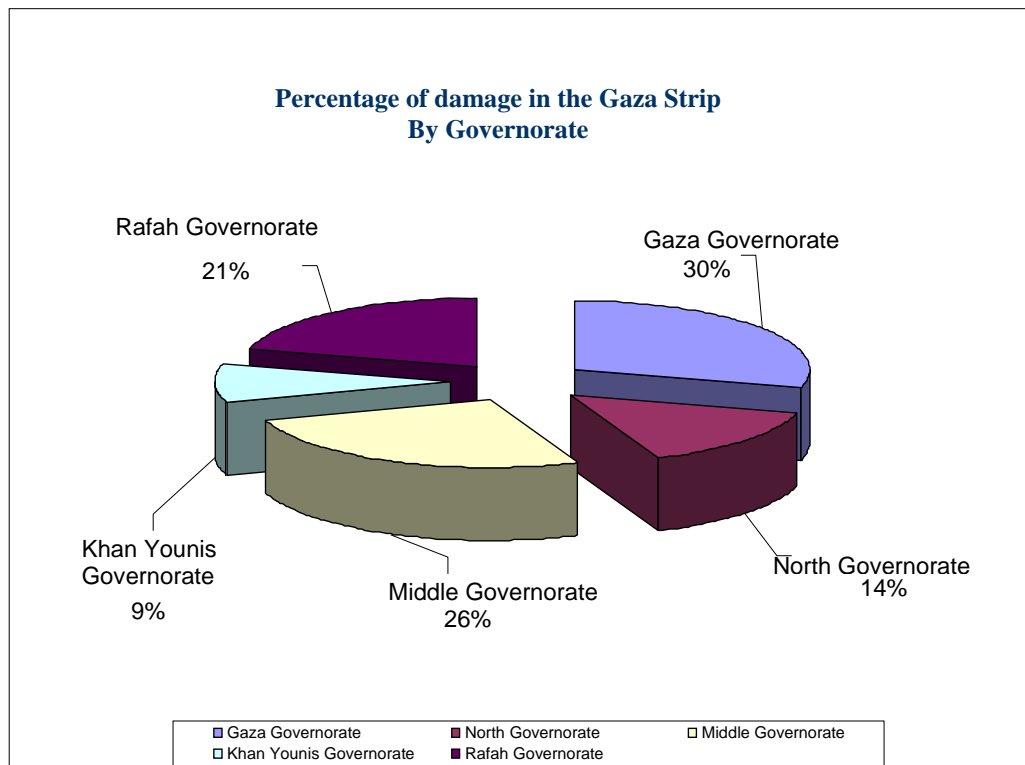
As can be seen in pie chart, the agricultural sector has sustained the greatest percentage of the damage, followed by the infrastructure and power and energy sectors.

Damages Occurred in the Gaza Strip Governorates

The damages classified geographically, along the 5 Governorates of the Gaza Strip are included. The total cost of damages in the 5 Governorates is estimated to be around US\$ 46 million. Gaza and the Middle Governorates have been the most affected as the total damages in these two Governorates is estimated to be around US\$ 13.5 and 12 million respectively. The losses in Rafah Governorate are estimated to be around US\$ 9.6 million, while in the North and Khan Younis Governorates, the cost of damages is estimated to be US\$ 6.6 million in North and US\$ 4.2 millions in Khan Younis.

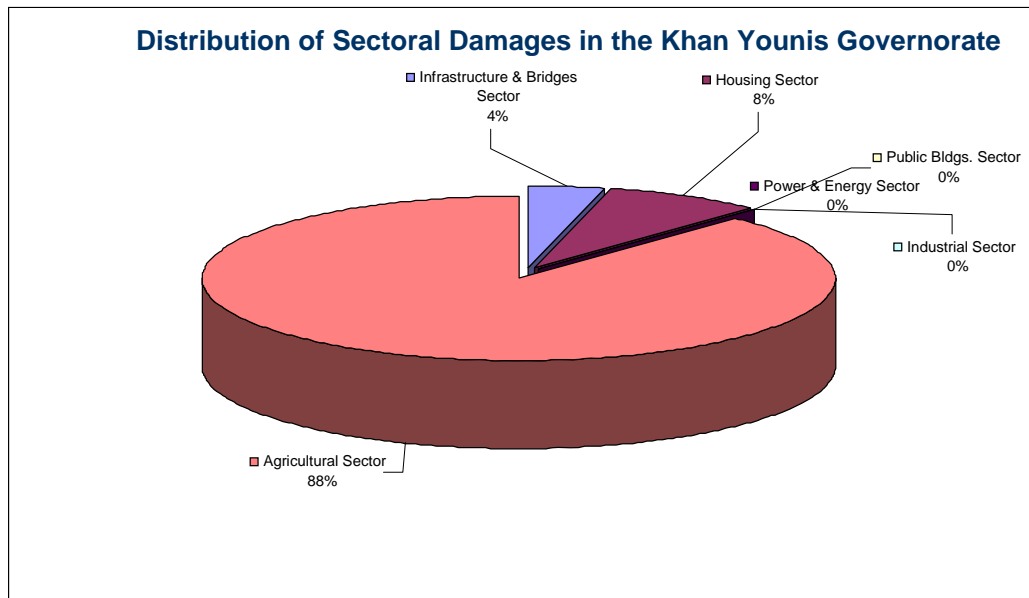
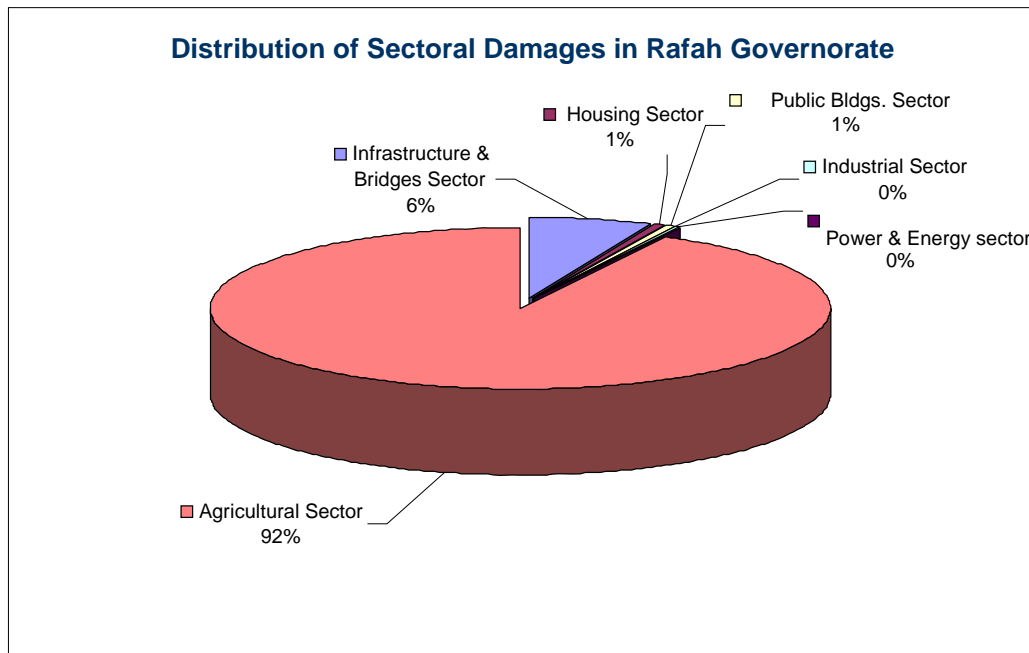
Summary of damage assessment by Governorate Distribution

Part No.	Field of Damage	Estimated Cost (\$)
1	Gaza Governorate	\$13,578,813
2	North Governorate	\$6,632,570
3	Middle Governorate	\$12,027,804
4	Khan Younis Governorate	\$4,189,647
5	Rafah Governorate	\$9,569,040
	TOTAL COST (\$)	\$45,997,873

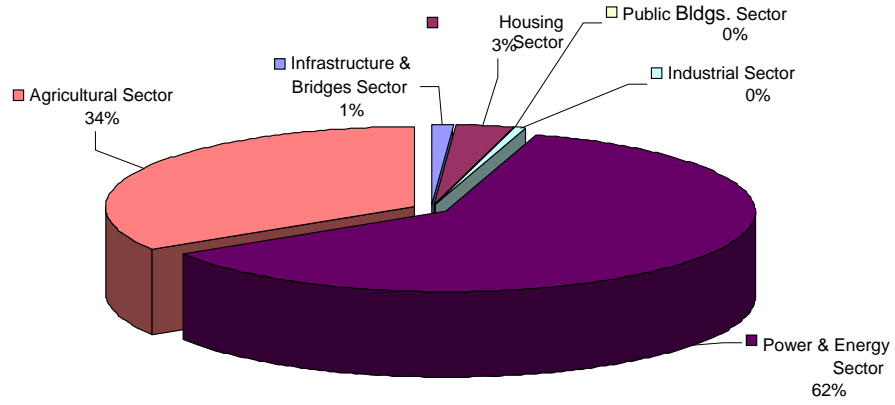


Sectoral Breakdown across Governorates

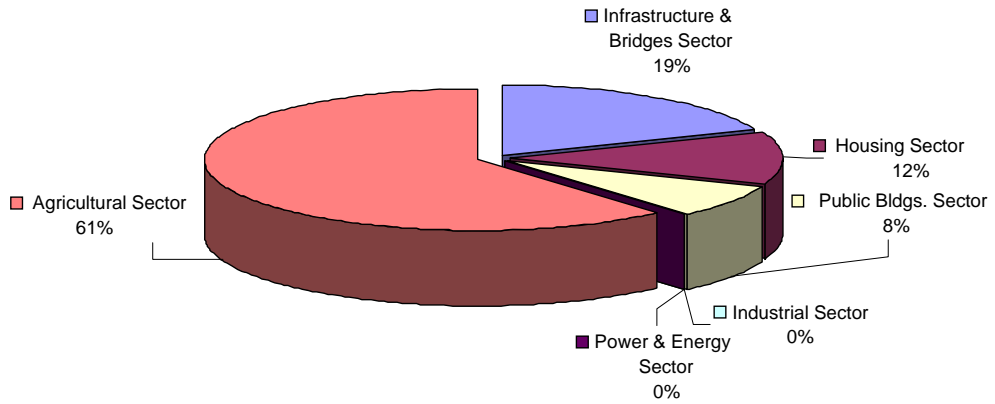
To get a clearer picture of the varying degrees of damage, the sectors were also analyzed in each individual Governorate. As can be seen from the pie charts below, the distribution of damage across sectors varies from one governorate to another. For example, the greatest percentage of damage in the Governorate of Rafah was in the Agricultural sector, while in the Gaza Governorate, the greatest percentage of damage was in the infrastructure sector. The Governorate of Khan Younis' greatest percentage of damage was incurred in the power and energy sector.



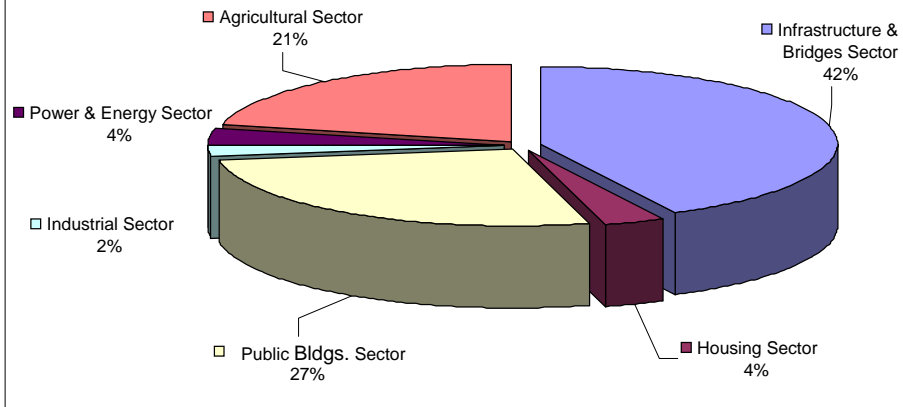
Distribution of Sectoral Damages in Middle Governorate



Distribution of Sectoral Damages in North Governorate



Distribution of Sectoral Damages in Gaza Governorate





Annex 1

Assessment of Damages Caused by the Israeli Defense Forces Operations in Gaza Governorate



Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
G.R.1	Wadi Gaza Bridge – West Bridge	Infrastructure/Bridge	Al Rasheed Street	27/6/2006	\$180,730
G.R.2	A bridge between Al Moghragah Village and Al Nussirat Camp	Infrastructure/Bridge	Al Moghragah_Nussirat	27/6/2006	\$117,000
G.R.3	Wadi Gaza Railway Bridge	Infrastructure/Bridge	Al Moghragah_Nussirat	27/6/2006	\$1,730,000
G.R.4	Wadi Gaza Bridge-Salah Aldin Street Bridge	Infrastructure/Bridge	Salah Aldin Street	27/6/2006	\$3,550,000
G.R.5	Wadi Gaza bridge	Infrastructure/Bridge	Wadi Gaza_Al Bureij	27/6/2006	\$161,210
G.R.6	Box Culvert at Wadi Gaza Entrance	Infrastructure/Bridge	Wadi Gaza Village Entrance	27/6/2007	\$17,900
G.R.7	El Hazem building	Residential Building	Tal El Hawa	05/07/2006	\$25,710
G.R.8	Mr. Sameer Ghabayin's house	Residential Building	Tal El Hawa	07/07/2006	\$1,000
G.R.9	Mr. Walid AL Efranji	Residential Building	Al Remal	02/07/2006	\$1,533
G.R.10	Blacksmith workshop 1	Industrial	Al Zaytoon	08/07/2006	\$9,940
G.R.11	Abdo Apartment	Residential Building	Gaza- Tal AL Hawa	07/07/2006	\$420
G.R.12	Mr. Talal Murad House	Residential Building	Gaza-Al Daraj	17/7/2006	\$2,740
G.R.13	Mr. Al Jadba House	Residential Building	Gaza-Al Daraj	17/7/2006	\$27,500
G.R.14	Al Amer Buildings	Residential Building	Gaza	13-17/7/2006	\$9,750
G.R.15	Ezz Edeen El shaikh deeb	Residential Building	Gaza- El Fayrouz Towers	22/7/2006	\$2,235
G.R.16	El Fayrouz Towers	Residential Building	Gaza- El Fayrouz Towers	22/7/2006	\$410
G.R.17	Al Sha'af Area	Residential Building	Al Shejaiah	24-27/7/2007	\$139,890

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
G.R.18	Omar El Mamlouk House	Residential Building	Al Shejaiah	24/7/2006	\$82,200
G.R.19	Hussein El Mamlouk House	Residential Building	Al Shejaiah	24/7/2006	\$1,050
G.R.20	Mohammed El Wadeya House	Residential Building	Al Shejaiah	24/7/2006	\$17,435
G.R.21	Adel Jendeya House	Residential Building	Al Shejaiah	26/7/2006	\$3,075
G.R.22	Blacksmith workshop 2	Industrial	Al Tuffah	23&29/7/2006	\$5,875
G.R.23	Mohammed Arafat Abu Hassira	Residential Building	Al Sheikh Radwan	30/7/2006	\$5,400
G.R.24	Hammouda Al Sayyed House	Residential Building	Al Sheikh Radwan	23/7/2006	\$1,025
G.R.25	Younis Mohesen House	Residential Building	Al Shejaiah	10/08/2006	\$40,000
G.R.26	Jamil Mohesen House	Residential Building	Al Shejaiah	10/08/2006	\$5,120
G.R.27	Abdallah Abu Qeinas House	Residential Building	Al Nasser	10/08/2006	\$83,500
G.R.28	Hmoud Abu Swaireh House	Residential Building	Al Nasser	10/08/2006	\$6,025
G.R.29	Al Khatib	Residential Building	Beach Camp	09/08/2006	\$23,050
G.R.30	Ahmed Anber House	Residential Building	Al Nasser	10/08/2006	\$5,050
G.R.31	Ministry of Planning & Foreign Affairs	Government	Tal El Hawa	17/7/2006	\$3,229,000
G.R.32	Ministry of Interior Affairs Building	Government	Tal El Hawa	06/07/2006	\$44,388
G.R.33	Prime Minister's Office	Government	Tal El Hawa	07/07/2006	\$6,205
G.R.34	Ministry of National Economy Building	Government	Al Nasser	14/7/2006	\$8,865
G.R.35	Dar AL Arqam School	NGO	AL Toffah	05/07/2006	\$340,390

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
G.R.36	The Industrial Zone	Industrial	Al Shejaiah	16-18/7/2006	\$264,332
G.R.37	Student services center	NGO	The Islamic University-Gaza	02/07/2006	\$11,799
G.R.38	Shuhada' Al Aqsa Association	NGO	Gaza-Wehda Street	02/07/2006	\$3,895
G.R.39	Fatah office Building	NGO	Al Daraj	29/6/2006	\$7,975
G.R.40	Uprooting trees (Olives, Citrus, Fruits)	Agriculture	Gaza	07-08/2006	\$2,300,000
G.R.41	Green Houses	Agriculture	Gaza	07-08/2007	\$14,000
G.R.42	Vegetables	Agriculture	Gaza	07-08/2008	\$4,800
G.R.43	Crops	Agriculture	Gaza	07-08/2009	\$0
G.R.44	Destroyed stores	Agriculture	Gaza	07-08/2010	\$0
G.R.45	Destroyed Poultry Farms (broilers)	Agriculture	Gaza	07-08/2011	\$0
G.R.46	Destroyed Poultry Farms	Agriculture	Gaza	07-08/2012	\$0
G.R.47	Partially damage in hatchery (Covering Corrugated sheets , girders and H Beam)	Agriculture	Gaza	07-08/2013	\$0
G.R.48	Destroyed Livestock Farms	Agriculture	Gaza	07-08/2015	\$0
G.R.49	Killing Animals (Sheep)	Agriculture	Gaza	07-08/2016	\$0
G.R.50	Killing Animals (cows)	Agriculture	Gaza	07-08/2017	\$0
G.R.51	Destroyed Beehives	Agriculture	Gaza	07-08/2018	\$21,000

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
G.R.52	Destroyed Water Wells*	Agriculture	Gaza	07-08/2019	\$90,000
G.R.53	Killing Birds	Agriculture	Gaza	07-08/2020	\$18,000
G.R.54	Demolishing Irrigation Networks	Agriculture	Gaza	07-08/2021	\$87,400
G.R.55	Destroyed Water Ponds (Concrete average size less than 80m3)	Agriculture	Gaza	07-08/2022	\$1,800
G.R.56	Destroyed Water Ponds (covered with polyethylene sheet)	Agriculture	Gaza	07-08/2023	\$1,000
G.R.57	Demolishing Frame Fences	Agriculture	Gaza	07-08/2024	\$340,000
G.R.58	Destroyed main feeder for water supply (Dim.110, 90 mm)	Agriculture	Gaza	07-08/2025	\$8,750
G.R.59	Gaza Electricity Distribution Corporation (GEDCO)	Power	Gaza	28/6/2000-17/7/2006	\$518,441
TOTAL AMOUNT OF GAZA (U.S.\$)					\$13,578,813



Annex 2

Assessment of Damages Caused by the Israeli Defense Forces Operations in North Governorate



Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
N.R.1	Beit Hanoun Main Bridge	Infrastructure/ Bridge	Beit Hanoun- Main Entrance intersecting Khalil	11/07/2006	\$460,000
N.R.2	Al Sikka Bridge	Infrastructure/ Bridge	Beit Hanoun- Sikka S	09/07/2006	\$320,000
N.R.3	Beit Lahia infrastructure	Infrastructure	Beit Lahia	9-13/7/2006	\$465,590
N.R.4	Al Atatra Area Buildings	Residential Building	Beit Lahia	9-13/7/2006	\$92,312
N.R.5	Al Isra' Area Buildings	Residential Building	Beit Lahia	9-13/7/2006	\$64,752
N.R.6	Al Salateen Area Buildings	Residential Building	Beit Lahia	9-13/7/2006	\$93,850
N.R.7	Abu Odeh Area	Residential Building	Beit Hanoun	9-13/7/2006	\$48,049
N.R.8	Al Boora Area	Residential Building	Beit Hanoun	9-13/7/2006	\$69,427
N.R.9	Booret El shawwa Area	Residential Building	Beit Hanoun	9-13/7/2006	\$19,918
N.R.10	Demra Area	Residential Building	Beit Hanoun	9-13/7/2006	\$121,939
N.R.11	Different Zones in Beit hanoun	Residential Building	Beit Hanoun	9-13/7/2006	\$60,000
N.R.12	Al Maqbara Area	Residential Building	Beit Hanoun	9-13/7/2006	\$2,542
N.R.13	Dowwar Hammouda Area	Residential Building	Beit Lahia	9-13/7/2006	\$9,893
N.R.14	Ibad Al Rahman Area	Residential Building	Jabalia	9-13/7/2006	\$56,998
N.R.15	Buildings in Jabalia Area	Residential Building	Jabalia	9-13/7/2006	\$40,080
N.R.16	Buildings in Al Ajrami Area	Residential Building	Jabalia	9-13/7/2007	\$9,701
N.R.17	Buildings in Al Saftawi Area	Residential Building	Jabalia	9-13/7/2008	\$12,288
N.R.18	Dr. Nabil Abu Silmiya	Residential Building	Jabalia	12/07/2006	\$93,000

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
N.R.19	Al Ahly Sport Club	NGO	Beit Hanoun	16-17/7/2006	\$13,150
N.R.20	Al Taher Community Center	NGO	Beit Hanoun	16-17/7/2006	\$6,940
N.R.21	Beit Hanoun Cemetery	Government	Beit Hanoun	16-17/7/2006	\$12,480
N.R.22	Faculty of Agriculture Science	NGO	Beit Hanoun	16-17/7/2006	\$351,123
N.R.23	Ghassan Kanafani Educational	NGO	Beit Hanoun	16-17/7/2006	\$5,118
N.R.24	Hayel Abdel Hamid Sec. School	Government	Beit Hanoun	16-17/7/2006	\$11,385
N.R.25	Beit Hanoun Local Market	Government	Beit Hanoun	16-17/7/2006	\$21,120
N.R.26	Beit Hanoun Municipality Park	Government	Beit Hanoun	16-17/7/2006	\$2,820
N.R.27	Hayel Abdel hamid Elem. School	NGO	Beit Hanoun	16-17/7/2006	\$18,111
N.R.28	UNRWA Walk In Clinic	NGO	Beit Hanoun	16-17/7/2006	\$8,295
N.R.29	UNRWA Girls School	NGO	Beit Hanoun	16-17/7/2006	\$34,240
N.R.30	Agriculture High School	Government	Beit Hanoun	16-17/7/2006	\$32,996
N.R.31	Uprooting trees (Olives, Citrus, Fruits)	Agriculture	Northern Area	07-08/2006	\$1,815,000
N.R.32	Green Houses	Agriculture	Northern Area	07-08/2006	\$28,000
N.R.33	Vegetables	Agriculture	Northern Area	07-08/2006	\$520,000
N.R.34	Crops	Agriculture	Northern Area	07-08/2006	\$27,600
N.R.35	Destroyed stores	Agriculture	Northern Area	07-08/2006	\$0
N.R.36	Destroyed Poultry Farms (broilers)	Agriculture	Northern Area	07-08/2006	\$13,200

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
N.R.37	Destroyed Poultry Farms	Agriculture	Northern Area	07-08/2006	\$0
N.R.38	Partially damage in hatchery (Covering	Agriculture	Northern Area	07-08/2006	\$5,000
N.R.39	Destroyed Livestock Farms	Agriculture	Northern Area	07-08/2006	\$19,200
N.R.40	Killing Animals (Sheep)	Agriculture	Northern Area	07-08/2006	\$6,900
N.R.41	Killing Animals(cows)	Agriculture	Northern Area	07-08/2006	\$22,000
N.R.42	Destroyed Beehives	Agriculture	Northern Area	07-08/2006	\$50,000
N.R.43	Destroyed Water Wells*	Agriculture	Northern Area	07-08/2006	\$60,000
N.R.44	Killing Birds	Agriculture	Northern Area	07-08/2006	\$80,000
N.R.45	Demolishing Irrigation Networks	Agriculture	Northern Area	07-08/2006	\$8,200
N.R.46	Destroyed Water Ponds (Concrete average size less	Agriculture	Northern Area	07-08/2006	\$1,800
N.R.47	Destroyed Water Ponds (covered with polyethylene	Agriculture	Northern Area	07-08/2006	\$0
N.R.48	Demolishing Frame Fences	Agriculture	Northern Area	07-08/2006	\$1,405,900
N.R.49	Destroyed main feeder for water supply (Dim.110,	Agriculture	Northern Area	07-08/2006	\$11,655
TOTAL AMOUNT OF NORTH (U.S.\$)					\$6,632,569



Annex 3

Assessment of Damages Caused by the Israeli Defense Forces Operations in Middle Governorate



Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
M.R.1	Infrastructure Services of Wadi Salqa	Infrastructure	Wadi Salqa Village	11-14/7/2006	\$21,600
M.R.2	Infrastructure Services of Maghazi Camp	Infrastructure	Maghazi Camp	19-21/7/2006	\$120,650
M.R.3	Al Maghazi Sewing Factory	Industrial	Maghazi Camp	19-21/7/2006	\$50,000
M.R.4	Damages of 12 houses in El Burej Camp	Residential Building	Al Bureij Camp	02/08/2006	\$45,300
M.R.5	Damages of 12houses in Wadi Salqa Village	Residential Building	Wadi Salqa Village	11-14/7/2006	\$51,214
M.R.6	Damages of 125houses in Eastern Part of	Residential Building	Maghazi Camp	19-21/7/2006	\$274,340
M.R.7	Uprooting trees (Olives, Citrus, Fruits)	Agriculture	Middle Area	07-08/2006	\$1,320,000
M.R.8	Green Houses	Agriculture	Middle Area	07-08/2006	\$126,000
M.R.9	Vegetables	Agriculture	Middle Area	07-08/2006	\$96,000
M.R.10	Crops	Agriculture	Middle Area	07-08/2006	\$1,400
M.R.11	Destroyed stores	Agriculture	Middle Area	07-08/2006	\$18,000
M.R.12	Destroyed Poultry Farms (broilers)	Agriculture	Middle Area	07-08/2006	\$33,200
M.R.13	Destroyed Poultry Farms	Agriculture	Middle Area	07-08/2006	\$0
M.R.14	Partially damage in hatchery (Covering	Agriculture	Middle Area	07-08/2006	\$0
M.R.15	Destroyed Livestock Farms	Agriculture	Middle Area	07-08/2006	\$117,500
M.R.16	Killing Animals Sheep	Agriculture	Middle Area	07-08/2006	\$6,300
M.R.17	Killing Animals(cows)	Agriculture	Middle Area	07-08/2006	\$14,000

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
M.R.18	Destroyed Beehives	Agriculture	Middle Area	07-08/2006	\$10,000
M.R.19	Destroyed Water Wells*	Agriculture	Middle Area	07-08/2006	\$60,000
M.R.20	Killing Birds	Agriculture	Middle Area	07-08/2006	\$1,720
M.R.21	Demolishing Irrigation Networks	Agriculture	Middle Area	07-08/2006	\$326,600
M.R.22	Destroyed Water Ponds (Concrete average size less	Agriculture	Middle Area	07-08/2006	\$7,200
M.R.23	Destroyed Water Ponds (covered with polyethylene	Agriculture	Middle Area	07-08/2006	\$6,000
M.R.24	Demolishing Frame Fences	Agriculture	Middle Area	07-08/2006	\$1,833,280
M.R.25	Destroyed main feeder for water supply (Dim.110, 90 mm)	Agriculture	Middle Area	07-08/2006	\$87,500
M.R.26	Gaza Power generation Company	Power	Al Nusseirat	28/6/2006	\$7,400,000
TOTAL AMOUNT OF MIDDLE AREA (U.S.\$)					\$12,027,804



Annex 4

Assessment of Damages Caused by the Israeli Defense Forces Operations in Khan Younis Governorate



Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
KH.R.1	Infrastructure of Abasan Eljadida	Infrastructure	Abasan Eljadida	01/07/2006	\$29,150
KH.R.2	Infrastructure of Abasan Elkabeera	Infrastructure	Abasan Elkabeera	06/07/2006	\$48,980
KH.R.3	Infrastructure of Qarara	Infrastructure	Qarara	12-15/7/2006	\$80,678
KH.R.4	Infrastructure of Khuza'	Infrastructure	Khuza'	05/07/2006	\$1,040
KH.R.5	Mr. Khomainy Eqdeh & Th'aer Eqdeh	Residential Building	Abasan El kabira	06/07/2006	\$31,900
KH.R.6	Mr. Th'aer Eqdeh	Residential Building	Abasan El Kabira	9-13/7/2006	\$9,240
KH.R.7	Damages of 8 houses in Eastern Part of	Residential Building	Al Fukhari Area	7-26/7/2006	\$87,378
KH.R.8	Mr. Mohamed Ali Abu Dagah	Residential Building	Bani Sohaila	28/6/2006	\$25,165
KH.R.9	Mr. Zaki Abdel Moullah El Dardisi	Residential Building	Bani Sohaila	9-13/7/2006	\$22,304
KH.R.10	Mr. Salah Saleh Al Sha'er	Residential Building	Khan Younis	25/7/2006	\$121,700
KH.R.11	Damages of many houses in Khuza'	Residential Building	Khuza'	05/07/2006	\$6,850
KH.R.12	Damages of 12 houses in Qarara	Residential Building	Qarara	12-15/7/2006	\$8,919
KH.R.13	Damages of 5 houses in Abasan Aljadida	Residential Building	Abasan Aljadida	01/07/2006	\$10,249
KH.R.14	Damages of 4 houses in Bani Suhaila	Residential Building	Bani Sohaila	28/6/2006	\$498
KH.R.15	Damages of 12 houses in Khan Younis city	Residential Building	Khan Younis city	25/7/2006	\$9,055
KH.R.16	Damages of 24 houses in Al Fukhari	Residential Building	Al Fukhari	07/07/2006	\$2,648
KH.R.17	Damages of 27 houses in Abasan Al kabira	Residential Building	Abasan Al kabira	06/07/2006	\$9,026

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
KH.R.18	Uprooting trees (Olives, Citrus & Fruits)	Agriculture	Khan Younis	07-08/2006	\$730,000
KH.R.19	Green Houses	Agriculture	Khan Younis	07-08/2006	\$1,253,000
KH.R.20	Vegetables	Agriculture	Khan Younis	07-08/2006	\$17,600
KH.R.21	Crops	Agriculture	Khan Younis	07-08/2006	\$1,200
KH.R.22	Destroyed stores	Agriculture	Khan Younis	07-08/2006	\$24,000
KH.R.23	Destroyed Poultry Farms (broilers)	Agriculture	Khan Younis	07-08/2006	\$0
KH.R.24	Destroyed Poultry Farms (mothers)	Agriculture	Khan Younis	07-08/2006	\$0
KH.R.25	Partially damage in hatchery (Covering	Agriculture	Khan Younis	07-08/2006	\$5,000
KH.R.26	Destroyed Livestock Farms	Agriculture	Khan Younis	07-08/2006	\$0
KH.R.27	Killing Animals Sheep	Agriculture	Khan Younis	07-08/2006	\$8,400
KH.R.28	Killing Animals (cows)	Agriculture	Khan Younis	07-08/2006	\$2,000
KH.R.29	Destroyed Beehives	Agriculture	Khan Younis	07-08/2006	\$0
KH.R.30	Destroyed Water Wells*	Agriculture	Khan Younis	07-08/2006	\$30,000
KH.R.31	Killing Birds	Agriculture	Khan Younis	07-08/2006	\$0
KH.R.32	Demolishing Irrigation Networks	Agriculture	Khan Younis	07-08/2006	\$46,400
KH.R.33	Destroyed Water Ponds (Concrete average size less	Agriculture	Khan Younis	07-08/2006	\$1,800
KH.R.34	Destroyed Water Ponds (covered with polyethylene	Agriculture	Khan Younis	07-08/2006	\$2,000
KH.R.35	Demolishing Frame Fences	Agriculture	Khan Younis	07-08/2006	\$1,497,020

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
KH.R.36	Destroyed main feeder for water supply (Dim.110, 90 mm)	Agriculture	Khan Younis	07-08/2006	\$66,448
TOTAL AMOUNT OF KHAN YOUNIS (U.S.\$)					\$4,189,646



Annex 5

Assessment of Damages Caused by the Israeli Defense Forces Operations in Rafah Governorate



Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
R.R.1	Al Shoka Area & Eastern Rafah(*)	Infrastructure	Al Shoka	7-10/8/2006	\$607,550
R.R.2	Qeshta Buildings	Residential Building	Rafah	23-24/7/2006	\$54,870
R.R.3	Rafah Marble Workshop	Industrial	Rafah	23-24/7/2006	\$18,645
R.R.4	Gaza International Airport (*)	Government	Rafah	28/6/2006	\$52,725
R.R.5	Uprooting trees (Olives, Citrus & Fruits)	Agriculture	Rafah	07-08/2006	\$3,865,000
R.R.6	Green Houses	Agriculture	Rafah	07-08/2006	\$532,000
R.R.7	Vegetables	Agriculture	Rafah	07-08/2006	\$474,400
R.R.8	Crops	Agriculture	Rafah	07-08/2006	\$3,600
R.R.9	Destroyed stores	Agriculture	Rafah	07-08/2006	\$0
R.R.10	Destroyed Poultry Farms (broilers)	Agriculture	Rafah	07-08/2006	\$0
R.R.11	Destroyed Poultry Farms (others)	Agriculture	Rafah	07-08/2006	\$2,527,950
R.R.12	Partially damage in hatchery (Covering)	Agriculture	Rafah	07-08/2006	\$0
R.R.13	Destroyed Livestock Farms	Agriculture	Rafah	07-08/2006	\$0
R.R.14	Killing Animals Sheep	Agriculture	Rafah	07-08/2006	\$2,400
R.R.15	Killing Animals(cows)	Agriculture	Rafah	07-08/2006	\$0
R.R.16	Destroyed Beehives	Agriculture	Rafah	07-08/2006	\$1,700
R.R.17	Destroyed Water Wells*	Agriculture	Rafah	07-08/2006	\$0
R.R.18	Killing Birds	Agriculture	Rafah	07-08/2006	\$0

Report No.	Damaged Project	Category	Location	Damage Date	Estimated Cost (\$)
R.R.19	Demolishing Irrigation Networks	Agriculture	Rafah	07-08/2006	\$37,200
R.R.20	Destroyed Water Ponds (Concrete average size less	Agriculture	Rafah	07-08/2006	\$18,000
R.R.21	Destroyed Water Ponds (covered with polyethylene	Agriculture	Rafah	07-08/2006	\$13,000
R.R.22	Demolishing Frame Fences	Agriculture	Rafah	07-08/2006	\$1,360,000
R.R.23	Destroyed main feeder for water supply (Dim.110,	Agriculture	Rafah	07-08/2006	\$0
TOTAL AMOUNT OF RAFAH (U.S.\$)					\$9,569,040