

## Analysis question

In the event of a Flood, how many Structures might be affected?

## General report

Estimated number of structures affected per hazard zone

Hazard Zone	Count
Wet	18,300
Dry	0
<b>Total Exposed</b>	<b>18,300</b>
Structures	Count
Affected	18,300
Not Affected	0
Not Exposed	40,600

- **Affected:** An exposure element (e.g. people, roads, buildings, land cover) that experiences a hazard (e.g. tsunami, flood, earthquake) and endures consequences (e.g. damage, evacuation, displacement, death) due to that hazard.

## Analysis detail

Estimated number of structures affected by structure type

Structure type	Affected		Not affected	Total not exposed	Total
	Wet	Total affected	Total not affected		
<b>Residential</b>	15,600	15,600	0	35,600	51,200
<b>Education</b>	753	753	0	1,500	2,300
<b>Health</b>	180	180	0	374	554
<b>Place of worship</b>	1,100	1,100	0	1,900	2,900
<b>Government</b>	415	415	0	728	1,200
<b>Commercial</b>	189	189	0	492	681
<b>Recreation</b>	26	26	0	68	94
<b>Public facility</b>	27	27	0	83	110
<b>Total</b>	<b>18,300</b>	<b>18,300</b>	<b>0</b>	<b>40,600</b>	<b>58,800</b>

## Aggregation result

Estimated number of structures affected by aggregation area

Aggregation area	Place of worship							Public facility	Total
	Residential	Education	Health	Place of worship	Government	Commercial	Recreation		

Kelurahan bale kambang	27	8	0	7	1	0	0	0	43
Kelurahan bali mester	4	0	0	0	0	0	0	0	4
Kelurahan bambu apus	4	6	0	1	0	0	0	0	11
Kelurahan bangka	5	9	0	7	0	0	0	0	21
Kelurahan baru	6	9	2	5	1	1	0	0	24
Kelurahan bidara cina	2,200	11	7	30	12	1	0	2	2,200
Kelurahan bintaro	6	2	2	6	2	0	0	0	18
Kelurahan bukit duri	836	14	2	20	7	1	0	1	881
Kelurahan cakung barat	0	0	0	0	1	0	0	0	1
Kelurahan cawang	58	13	9	17	10	5	0	0	112
Kelurahan cengkareng barat	12	24	4	36	10	1	0	1	88
Kelurahan cengkareng timur	144	29	8	34	7	16	1	0	239
Kelurahan cibubur	1	0	0	0	0	0	0	0	1
Kelurahan ciganjur	4	5	1	4	2	0	0	0	16
Kelurahan cijantung	10	3	0	3	0	0	0	0	16
Kelurahan cikoko	2	0	1	1	0	2	0	0	6
Kelurahan cililitan	19	13	3	16	10	1	0	0	62
Kelurahan marunda	256	2	1	1	0	0	0	0	260
Kelurahan cipinang melayu	3	8	5	21	2	0	0	0	39
Kelurahan cipulir	0	0	0	3	0	0	0	0	3

Kelurahan dukuh	2	9	1	4	1	0	1	0	18
Kelurahan duren tiga	147	0	1	1	4	0	0	0	153
Kelurahan duri kepa	3	0	0	0	0	0	0	0	3
Kelurahan duri kosambi	7	30	8	36	8	0	0	0	89
Kelurahan gedong	0	2	0	0	0	0	0	0	2
Kelurahan grogol selatan	81	7	0	5	0	0	0	0	93
Kelurahan gunung	236	2	0	2	2	0	0	0	242
Kelurahan kramat pela	0	0	0	0	0	1	0	0	1
Kelurahan gunung sahari utara	1	0	0	0	0	0	0	0	1
Kelurahan halim perdana kusuma	15	1	1	0	1	0	0	0	18
Kelurahan jagakarsa	28	1	2	3	1	0	0	0	35
Kelurahan jati padang	54	17	0	13	8	3	0	1	96
Kelurahan kamal muara	85	4	0	4	4	0	0	1	98
Kelurahan kampung melayu	690	10	1	29	6	1	1	1	739
Kelurahan kampung tengah	7	4	0	3	0	0	0	0	14
Kelurahan kapuk	128	18	2	75	13	0	0	0	236
Kelurahan kapuk muara	47	12	3	17	6	0	0	1	86
Kelurahan karet	22	3	2	7	1	36	0	1	72
Kelurahan karet kuningan	9	6	0	2	1	4	1	0	23
Kelurahan	22	1	2	6	4	18	0	0	53

**karet  
semanggi**

<b>Kelurahan karet tengsin</b>	16	7	1	22	9	9	0	0	64
<b>Kelurahan kebagusan</b>	20	1	1	7	1	2	0	0	32
<b>Kelurahan kebayoran lama selatan</b>	1	3	2	1	1	0	0	1	9
<b>Kelurahan kebayoran lama utara</b>	4	3	2	4	0	0	2	0	15
<b>Kelurahan kebon baru</b>	959	15	3	12	7	0	0	0	996
<b>Kelurahan kebon pala</b>	13	0	0	7	2	0	0	0	22
<b>Kelurahan kedaung kali angke</b>	219	17	2	28	13	0	0	0	279
<b>Kelurahan kedoya utara</b>	2,300	25	3	22	5	0	1	0	2,300
<b>Kelurahan kelapa dua wetan</b>	8	4	0	5	3	0	0	0	20
<b>Kelurahan kramat jati</b>	0	1	0	3	1	1	0	0	6
<b>Kelurahan kuningan barat</b>	96	1	0	5	5	17	0	0	124
<b>Kelurahan kuningan timur</b>	302	5	2	11	9	23	5	0	357
<b>Kelurahan lebak bulus</b>	46	0	0	1	0	0	0	0	47
<b>Kelurahan lenteng agung</b>	158	9	0	10	0	1	0	0	178
<b>Kelurahan lubang buaya</b>	0	0	0	1	0	0	0	0	1
<b>Kelurahan makasar</b>	1	7	1	6	0	0	1	0	16
<b>Kelurahan mampang prapatan</b>	531	4	0	5	3	6	0	0	549
<b>Kelurahan manggarai</b>	33	13	0	4	8	0	0	0	58

Kelurahan menteng atas	123	1	2	4	1	0	1	0	132
Kelurahan munjul	5	3	1	2	1	0	0	0	12
Kelurahan pademangan barat	330	19	9	33	15	1	2	1	410
Kelurahan pademangan timur	348	17	6	25	12	1	1	0	410
Kelurahan cilandak timur	27	8	2	5	2	5	2	0	51
Kelurahan pejagalan	17	17	3	24	12	0	0	0	73
Kelurahan pejaten barat	1	0	0	0	0	0	0	0	1
Kelurahan pejaten timur	4	9	0	17	3	0	0	0	33
Kelurahan pekayon	4	2	0	1	1	3	0	0	11
Kelurahan pela mampang	5	3	1	5	0	3	1	0	18
Kelurahan pengadegan	15	7	3	7	6	0	0	0	38
Kelurahan penjaringan	1,500	16	8	46	12	3	0	1	1,600
Kelurahan pesanggrahan	0	0	0	1	0	0	0	0	1
Kelurahan petamburan	2	9	2	17	7	0	0	0	37
Kelurahan petogogan	2	9	1	8	10	2	0	0	32
Kelurahan petukangan selatan	8	12	1	7	2	0	1	0	31
Kelurahan petukangan utara	1	0	0	0	0	0	0	0	1
Kelurahan pluit	334	18	3	7	10	0	1	1	374
Kelurahan pondok bambu	10	1	0	3	0	0	0	0	14
Kelurahan	334	5	0	6	2	0	0	0	347

pondok labu

Kelurahan pondok pinang	2	3	1	2	1	0	0	0	9
Kelurahan ragunan	198	10	1	5	15	3	1	0	233
Kelurahan rambutan	10	1	3	5	2	3	0	1	25
Kelurahan rawa barat	39	2	0	3	0	1	0	0	45
Kelurahan rawa buaya	579	27	7	24	17	0	0	1	655
Kelurahan rawa jati	134	4	1	8	7	0	1	0	155
Kelurahan rawa terate	0	0	0	1	0	0	0	0	1
Kelurahan pegangsaan dua	68	18	3	22	25	1	0	6	143
Kelurahan rawabadak selatan	1	0	0	0	0	0	0	0	1
Kelurahan semper timur	166	23	6	24	9	0	0	0	228
Kelurahan senayan	16	1	1	4	2	7	0	1	32
Kelurahan srengseng	0	1	0	1	0	0	0	0	2
Kelurahan susukan	0	3	1	2	3	2	1	0	12
Kelurahan tanjung barat	134	2	0	4	1	1	1	0	143
Kelurahan tebet barat	61	4	0	2	2	1	0	0	70
Kelurahan tebet timur	16	0	0	0	0	0	0	0	16
Kelurahan tegal alur	11	23	9	35	14	0	0	2	94
Kelurahan tegal parang	1,400	4	1	7	2	0	0	0	1,400
Kelurahan semper barat	21	52	11	44	18	0	0	1	147
Kelurahan suka pura	45	12	5	31	8	2	0	2	105

Kelurahan ulujami	4	9	3	13	1	0	0	0	30
<b>Total</b>	<b>15,600</b>	<b>753</b>	<b>180</b>	<b>1,100</b>	<b>415</b>	<b>189</b>	<b>26</b>	<b>27</b>	<b>18,300</b>

## Notes and assumptions

### Analysis notes

- Columns and rows containing only 0 or "No data" values are excluded from the tables.

### Structure exposure general notes

- The impacts on roads, people, buildings and other exposure elements may be underestimated if the exposure data are incomplete.
- Structures overlapping the analysis extent may be assigned a hazard status lower than that to which they are exposed outside the analysis area.
- Numbers reported for structures have been rounded to the nearest 10 if the total is less than 1,000; nearest 100 if more than 1,000 and less than 100,000; and nearest 1000 if more than 100,000.
- Rounding is applied to all structure counts, which may cause discrepancies between subtotals and totals.
- Note that report rows containing totals are calculated from the entire analysis area totals and then rounded, whereas the subtotal rows are calculated from the aggregation areas and then rounded. Using this approach we avoid adding already rounded numbers and in so doing compounding the rounding.

### Flood general notes

- The extent and severity of the mapped scenario or hazard zones may not be consistent with future events.
- The impacts on roads, people, buildings and other exposure elements may differ from the analysis results due to local conditions such as terrain and infrastructure type.
- The analysis extent is limited to the extent of the aggregation layer or analysis extent. Hazard and exposure data outside the analysis extent are not included in the impact layer, impact map or impact reports.

### Affected notes

- Exposures in this following hazard classes are considered affected: Wet

## Analysis details

**Hazard source** OSM Flood Prone - OpenStreetMap.org -

**Exposure source** Buildings - OpenStreetMap - www.openstreetmap.org -

**Aggregation source** Jakarta\_Batas\_Kelurahan\_banjir\_2007 - source not available -

**Impact Function** Flood Polygon On Structures Polygon

