

Nashik Ganpati Festival Data Analysis (2015-2024)

1. Crowd & Timing Data

Annual Mandal and Household Counts (Panchavati Police Station Jurisdiction)

Year	Valuable Mandals	Large Mandals	Small Mandals	Household Ganpatis
2015	3	18	46	9,000
2016	2	22	43	9,300
2017	3	16	39	9,700
2018	6	18	61	10,000
2019	4	22	41	10,200
2020	4	9	6	4,750
2021	3	12	25	7,800
2022	3	18	42	8,103
2023	4	18	52	14,000
2024	3	22	36	23,000

Note: COVID-19 impact visible in 2020-2021. Significant household Ganpati increase in 2023-2024.

City-wide Estimates for 2025 Planning

- Public Mandals:** ~790 total (201 large, 562 small, 35 valuable)
- Household Ganpatis:** ~125,389 city-wide
- Population:** 22.94 lakhs (2024 estimate)

Festival Timeline (2025 Projections)

Event	Date	Day
Ganesh Sthapana	August 27	Wednesday
Madhyahna Puja Muhurat	11:06 AM - 01:40 PM	-
Gauri Agman & 5 Days Visarjan	August 31	Sunday
Gauri Pujan	September 1	Monday
Gauri Visarjan & 7 Days Visarjan	September 2	Tuesday
7-Day Ganpati Immersion	September 13	Friday
Anant Chaturdashi	September 17	Wednesday

Critical Note: Eid-E-Milad coincides on September 5, 2025, requiring coordinated management.

Daily Crowd Patterns

Installation Period (10 days)

- **High-density locations:** Panchavati Karanja, Malegaon Stand, Sardar Chowk: 100-150 people daily
- **Regular mandals:** 30-40 people daily
- **Large mandals:** 300-400 people daily

Immersion Day Peak Crowds

- **Bhadrakali PS routes:** 8,000-10,000 people (Peak: 3:00-9:00 PM)
- **Nashik Road PS routes:** 5,000-6,000 people (Peak: 11:30 AM-2:00 PM)
- **Village processions:** 6:00-11:00 AM

2. Incident Reports (2015-2024)

Drowning Incidents

Year	Location	Jurisdiction	Fatalities
2017	Darana River	Nashik Road PS	1
2017	Godavari River	Panchavati PS	1
2019	Godavari River	Gangapur PS	1
2020	Darana & Valdevi Rivers	Multiple PS	Multiple
2023	Gangaghpati, Panchavati	Panchavati PS	4

Crowd Disturbances

Year	Type	Location	Details
2018	Illegal gathering	Kapila Sangam Tapovan	Pushing, shouting, violation of prohibitory orders
2022	Assault with knife	Panchavati PS	Sept 9, 8:45 PM - Procession dispute, IPC 326,324,323,504,34

Noise Pollution Violations

- **2016:** Panchavati PS - Loudspeaker/DJ violations
- **2017:** Panchavati PS - Loudspeaker/DJ violations
- **2018:** Bhadrakali PS - Loudspeaker/DJ violations

Other Incidents

- **2021:** Accidental death at Mhasoba Patangan (negligent driving)
- **General risks:** Laser light injuries, vehicle-related accidents, molestation concerns

3. Resource Deployment Analysis

Police Personnel Requirements (Typical Visarjan Day)

Rank	Count
DCP	4
ACP	7-8
PI/SPI	45-53
PSI/API/ASI	75-134
Male Constables	1075-1100
Female Constables	240-261

Special Units Deployment

- **Home Guards:** 800-840 male, 250-255 female
- **SRPF:** 1-2 companies
- **QRT:** 1 team (48 personnel)
- **RCP:** 1 team (2 officers, 60 personnel)
- **Striking Force:** 5-6 platoons
- **Mandal Volunteers:** 10-60 per mandal

Equipment & Infrastructure

- **Riot Control:** Vajra Vahan, Varun Vahan (water cannons)
- **Communication:** Wireless sets, walkie-talkies, PA systems
- **Surveillance:** CCTV cameras, drones, 4 watch towers
- **Emergency:** BDDS teams, ATC cells

4. Environmental & Weather Factors

Rainfall Data (2014-2023)

Nashik Station Monsoon Rainfall

- **Average:** 974 mm
- **Highest:** 1,731 mm (2019)
- **Lowest:** 429 mm (2015)
- **High rainfall years:** 2016, 2017, 2019, 2020, 2022

Flood Risk Factors

- **Gangapur Dam releases:** Major flooding cause
- **Maximum discharge:** 42,642 cusecs (2016, 2019)

- **Vulnerable wards:** 21 out of 31 wards
- **Highest risk:** Wards 13, 15 (population), Wards 15, 7 (extent)

Historical Flood Events

- **2016:** 216mm rainfall, severe flooding
- **2019:** 315mm in Trimbakeshwar, 20,000+ cusecs dam release
- **Pattern:** Almost annual flooding during monsoon

5. Key Insights & Trends

Positive Trends

- **Crime reduction:** "Nil" reported incidents for 2019-2020
- **Improved coordination:** Multi-agency meetings, peace committees

Challenges Identified

- **Volunteer training:** Consistently marked "nil" across years
- **Intelligence gaps:** Local threat assessment weaknesses
- **Communication delays:** Mandal-to-authority reporting bottlenecks
- **Seasonal risks:** Monsoon flooding coinciding with festival period

Recommendations for 2025

1. **Enhanced volunteer training programs**
2. **Improved real-time communication systems**
3. **Weather contingency planning**
4. **Coordinated management for Eid-Ganpati overlap**
5. **Strengthened water safety measures at immersion sites**

Data compiled from Nashik Police Commissionerate Ganpati 2025 Bandobast Planning Documents