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# **PREFACE**

Ward Quality Score (WQS) aims to deliver an objective measure of the quality of life experienced by citizens in each of Bangalore's 198 wards. To this end, we carried out a 6-month survey of the city's infrastructure and services, and analyzed our findings under five major categories, defined as key determinants of urban quality of life.

These categories are:

- Water continuity, quality
- Environment air, noise
- Sanitation involving solid waste management and public toilets
- Mobility including street lighting, pedestrian and driver safety, public transport
- Public amenities parks

Data was collected through ground survey and spatial analysis and was assessed against national and international benchmarks to yield scores on a scale of 1 to 10.

This scoring system makes it easy to see at a glance the quality of any given ward's infrastructure and delivery of services.

WQS aims to inform ward-level budgetary allocations with the ultimate goal of transforming urban quality of life across areas that affect all urban citizens. Further, it empowers citizens and elected representatives by giving them objective data to help drive the demand for better quality of life.

All the results of this DATABOOK can be found at <a href="https://www.ichangemycity.com/wgs">www.ichangemycity.com/wgs</a>



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# **EXECUTIVE SUMMARY**



## Ward Quality Score 2013



### Results of WQS 2013

City

- There has been an overall decline in the City Quality Score (CQS) from 5.5 in 2010 to 4.4 in 2013
- The primary drivers of this decline have been Sanitation (2010:6.7; 2013:3.7) and Water (2010:6.2; 2013:3.8). There has also been a decline in Environment (2010:5.2; 2013:4.7). Public Amenities has witnessed a significant improvement in its score (2010:2.1; 2013:4.1). There has only been a marginal variance in Mobility (2010:5.1; 2013:5.4)

#### Assembly Constituencies

- Out of Bengaluru's 28 Assembly Constituencies (ACs), Jayanagar has the highest average WQS of 5.1, higher than the CQS by 0.7
- · Anekal, which comprises only one ward (Singasandra) within BBMP limits, has the lowest average WQS of 2.6.
- 3.8 million people, constituting 46% of the total Bengaluru population, live in 11 ACs, which have below average WQSs.

### Inner v/s Outer Wards

- Outer Wards are predominantly wards that belong to the new zones that were added to the erstwhile BMP
  in 2007 while Inner Wards are mainly wards that constituted the erstwhile BMP. There are 136 Inner Wards
  covering 219.2 sq.km with a population of 5.1 million and 62 Outer Wards covering 492.3 sq.km with a
  population of 3.3 million
- There is a clear gap in the quality of Inner and Outer Wards with average WQSs being 4.6 and 3.8, respectively.
   Interestingly, population growth has been significantly higher in Outer Wards at 119% compared to a far lower 19% in Inner Wards

The need for better services in Outer Wards is evident across categories of Water (Inner:4.2 v/s Outer:3.1), Sanitation (Inner:3.9 v/s Outer:3.4) and Public Amenities (Inner:4.9 v/s Outer:2.2). Outer Wards score higher in Environment (Inner:4.6 v/s Outer:4.9) and are on par in Mobility (Inner & Outer:5.4), possibly on account of far lower density of population (Inner:23,406 v/s Outer:6,729)

## **WQS Methodology**



WQS 2013 involved 6 months of ground survey and spatial analysis to assess 23 indicators under the 5 categories of Water, Environment, Sanitation, Mobility and Public Amenities. A field survey team of 55 surveyors visited and assessed all 198 wards of Bengaluru.

Data was collected using tablet devices and digital survey forms that geo-coded each survey location and allowed real-time transmission of data from the field to the office. The project was supported by a global team of volunteers that monitored progress and checked for errors. Surveyors were also equipped with water quality test kits, lux meters, sound meters and air pollution sensors.

Over 55,000 data points were collected, analysed and assessed against pre-defined benchmarks to arrive at WQSs 2013. Benchmarks were defined taking into account national and global standards and practices.

The five categories of Water, Environment, Sanitation, Public Amenities and Mobility have a total of 23 ward-level and 3 city-level indicators. Each indicator score was arrived at using a specially constructed formula and a category score is computed as an average of all indicator scores under it.

For example, in the case of Mobility, the indicators were Quality of Footpaths, Safe Pedestrian Crossing, Adequacy of Street-lighting, Quality of Road Surface, Functional Signs and Signals, Coverage, Access to Information and Crowding of Public Transport etc. The final category score for Mobility is an average of these individual indicator scores. The WOS 2013 was calculated by taking an average of its performance across all 5 categories.

## WQS 2013 Databook

The WQS 2013 Databook contains both insights from WQS 2013 as well as scores and names of all 198 wards of Bengaluru. The Databook includes analyses of WQSs 2013 by category, key indicators and Top and Bottom Wards and ACs

Further, WQSs have been overlaid with population data. While Census data analysis is over a 10 year period, WQSs have been compared over a 3 year period. Census data indicates that the population of Bengaluru increased from 5.8 million in 2001 to 8.4 million in 2011 at a Compounded Annual Growth Rate (CAGR) of 3.8%. It is therefore important to understand WQSs within the context of demographic transition.

ichangemycity.com/wgs Ward Quality Score Databook 2013 2

# **CATEGORY DEFINITIONS**

# CITY QUALITY SCORE

Ward Quality Score Databook 2013

## What did we measure?



## Water

We collected and tested water samples, for bacteriological contamination, and surveyed the source and the frequency of water supply, across ~8,000 households in the city.



#### Sanitation

We surveyed household garbage collection, waste segregation, presence of public toilets and littering in open spaces.



## **Public Amenities**

We visited all known parks city to rate the adequacy and level of accessibility.



## Environment

We measured noise and air pollution levels at different times in residential and commercial locations across the city's wards.



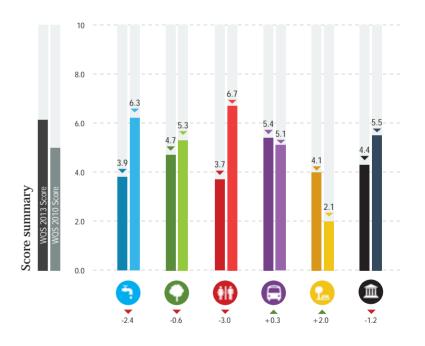
## **Mobility**

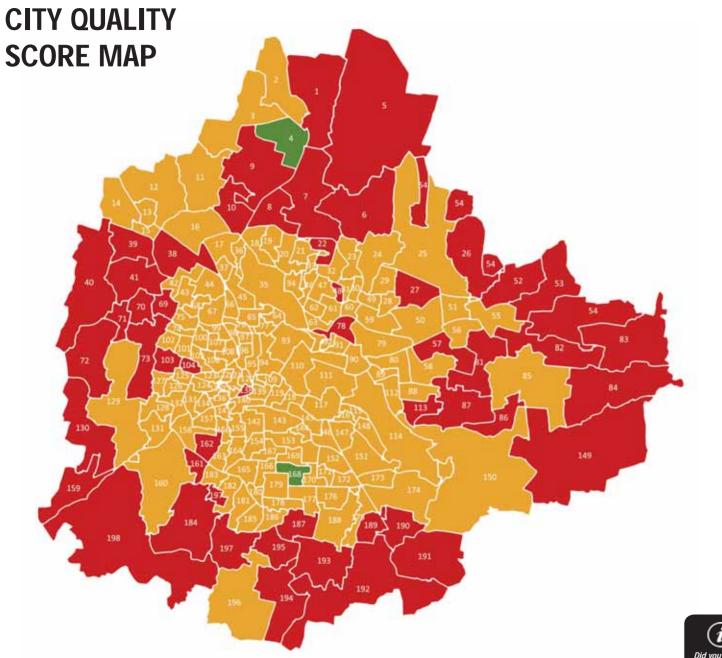
We rated the quality of roads, footpaths, street lighting, and the public transport system, all of which contribute to easy and free movement in the city.



## City Quality Score

An average of the five category scores.





Wards Scoring between 2 - 4

Wards Scoring between 4 - 6

Wards Scoring between 6 - 8



of the top 10 wards are INNER WARDS



of the bottom 10 wards are OUTER WARDS



None of the 198 wards scored in a range of 8-10.

There are no wards in the 0-2 score range as well.

# CITIZEN INSIGHTS

Throughout the course of Ward Quality Score 2013, we have engaged with citizens and elected representatives in Bengaluru to bring them into the conversation about quality of life in the city, to sensitize them about the survey, and to gauge the need and enthusiasm level for this effort.

We have met with business leaders, civil-society organisations, sportspersons, artists, elected representatives, and citizens. Here is what they had to say about the quality of infrastructure and services in Bengaluru:



This is a very good initiative from Janaagraha. When a survey like this is done and reported, we know where the problems are. We know how to sort out those problems and prevent them in the future. I've also participated in a few meetings with Janaagraha.

I'm also able to understand and address the complaints of the local citizens. Let this effort move forward, and we are all with you in this.

Mr. Ravi Subramanya L.A.
MLA, Basavanagudi
Ward #162



6 6

It was painful to see that my ward had not scored well on your last survey [WQS 2010], but I took that as a learning and tried to improve the services.

Mr. S. Vijayan

Corporator, (Vannarpet)
Ward #115

We would love to be a part of a project where we have a say in the funds that are allocated to our ward. As you're describing it, I think the scores provide a very good opportunity for that.

Ms. Jonali A Resident Ward #86

What this project essentially does for us is give us a report card. I wish this project leads us to a point where the corporators take up responsibility and get back to us on the issues that are facing the ward and candidly say that this is what our wards lack and this is what we can do for you.

### Ms. Vasanthi Hariprakash

Journalist, TV & Radio Anchor, Show Host & Media Trainer #Ward 9



think these initiatives are good but until we have the government buy-in and accountability, true change will not surface.

Mr. Prakash Padukone
Ace badminton player and Arjuna & Padmashree awardee
Ward #93

If you do a survey like this and point out the problem areas, it will really help us, for the water. If you show that one road gets water supply but another road doesn't, it'll help. When we ask, the only response we get is, go ask the corporator who won the election.

Ms. Mamta A Resident Ward #52



I think this is a really good project that Janaagraha has undertaken. The point is to start from somewhere, in our small ways. It's the intention for good that matters and not the scale. I see a lot of potential in this project to inform the corporators and citizens alike, of the most pressing investment need in a locality. I don't think money should be spent on beautifying roads if the garbage problems in the ward are still not sorted. You can't have a pretty road and with a garbage dump at the corner.

Do what's needed for that street, and the people who live there. I wish Janaagraha all the best and hope that the project actually leads to a positive change in improving the quality of our

Ms. Rama N.S.
CEO ELCIA and member, CityConnect
Ward #168

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# **TOP 10 WARDS**



PATTABHIRAM NAGAR #168 Sri CK Ramamurthy Jayanagar 6.2 6.4





YELAHANKA SAT. TOWN #4 Sri M Muniraiu Yelahanka 6.2 6.1





LAKKA SANDRA #146 Sri K Mahesh Babu B T M Layout 5.9 6.1





SAMPANGIRAM NAGAR #110 Sri M Gopi Shivajinagar 5.8 5.6





**ATTIGUPPE** #132 Sri K Doddanna Vijayanagara 5.7 6.0





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## Rank WARD NAME

**Ward Corporator Name** 

WARD NUMBER Assembly Consituency WQS 2013 Score

WQS 2010 Score







WQS 2013 Score WQS 2010 Score

in Rank

Decrease in Rank

census pop. increase

2001 to 2011 2001 to 2011 census pop. decrease

HAMPI NAGAR #133 Sri R Chandrashekarayya Vijayanagara 5.6 6.8



+ 15.7%

07	VISHVESHWARA Sri S Anil Kumar	PURAM	#143 Chikpet
			5.6
			6.1



- 10.1%

80	JAGAJIVANARAN	/INAGAR	#136	
UÖ	Smt. Seema Kanum		Chamarajpet	
			5.6	
			5.8	





09	09 SHAKAMBARI NAGAR Sri B Somashekar			
		5.5		
		6.5		





10	RAJAMAHAL GU Smt M Vijaya Kumari	ITTAHALLI	#64
10	Smt M Vijaya Kumari	M	alleshwaram
			5.5
			6.4





10

# BOTTOM 10 WARDS



189 DODDA BOMMASANDRA #10
Sri ME Pillappa Byatarayanapura
3.0
4.9





190 HAGADUR #84
Sri HA Srinivasa Mahadevapura
3.0
3.8





191 BASAVANAPURA #53
KR Puram
2.8
4.4





192 HEGGANAHALLI #71
Sri MB Govindegowda #71
Dasarahalli
2.7
4.5





193 RAJAGOPAL NAGAR #70
Dasarahalli
2.7
4.9





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194	GOTTIGERE Smt SK Pushpa	#194
1 / T	Smt SK Pushpa	Bangalore South
		2.7
		3.6





105	SINGAS	ANDRA aburaj	#1	191
175	Smt Kavitha B	aburaj		Anekal
				2.6
				3.9





196	KADUGOD Sri KN Anjaneya Re	 ddy	#83 Mahadevapura
			2.5
			4.6





197	KUVEMPU N Smt KR Yashodamma	NAGAR #11 Byatarayanapura
		2.4
		4.9





198 THANISANDI	RA #6 Byatarayanapura
	2.4
	4.5







Census data shows that there has been a large increase in population in the Outer wards (119%) vis-a-vis the Inner wards (19%), from 2001 to 2011. Many of the outer wards were added to the BMP in 2007 to form the BBMP.

Did you know?

This population growth has a significant impact on the amount of pressure on existing infrastructure and services, particularly in the outer wards.

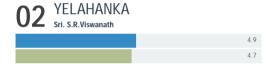
# **ASSEMBLY CONSTITUENCIES**

# **TOP 5**

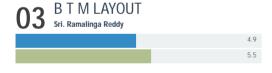




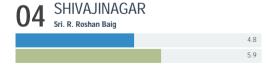


















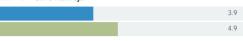
13





# **BOTTOM 5**









7	5	MAH	HAD	EVAF	PURA

Sri. Aravino Limba	vali	
		3.6
		4.1





# YESHWANTHPUR

20	Sri. Somashekhar	
		3.5
		4.1





# **37** BYATARAYANAPURA

ZI	Sri. Krishna Byre Gowda	
		3.3
		4.9





# 28 ANEKAL Sri. R Shivane









The bottom 5 constituencies with lowest WQS 2013 scores have registered the highest increases in population from 2001 to 2011 (~152%) indicating the need for long term infrastructure plans and related budget allocations to take into consideration the population shift into these assembly Did you know? constituencies.

# Water Quality



Did you know?

Out of 7,910 households surveyed for quality of water, 5,734 had contaminated water (72%).

## Wards scoring 10

ward - Devasandra (Zone- Mahadevapura; AC- KR Puram) scored a perfect 10 across 37 households

# Wards scoring 0

(11 Inner Wards & 8 Outer wards) scored 0 across a total of 758 households surveyed in these wards.





36

households rely ONLY on BWSSB

69

households got water from other sources

195

households also got water from other sources

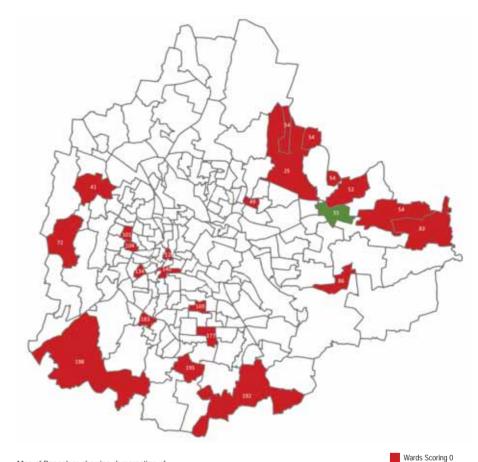
494

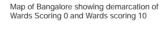
households rely ONLY on BWSSB



Trivia

Coliform bacteria, which was one of the contaminants of we tested for, is known to cause diarrhoea, urinary tract infections, gastroenteritis, typhoid fever.







Wards Scoring 10

130

34

9

9

9

06

08

30

19

Score Ranges

10

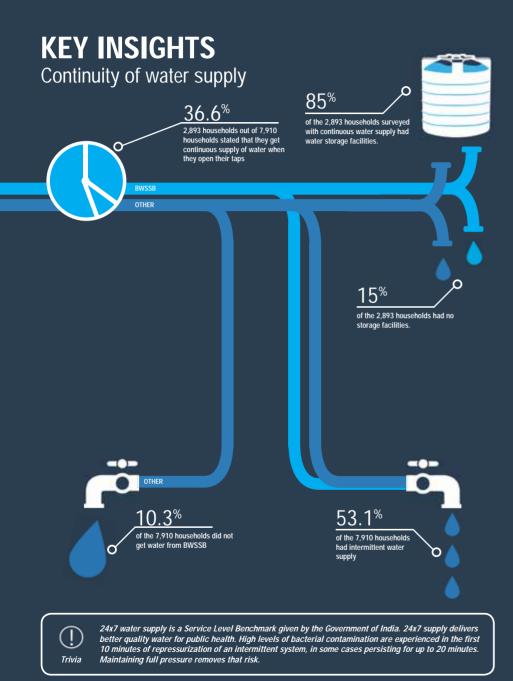
7-9

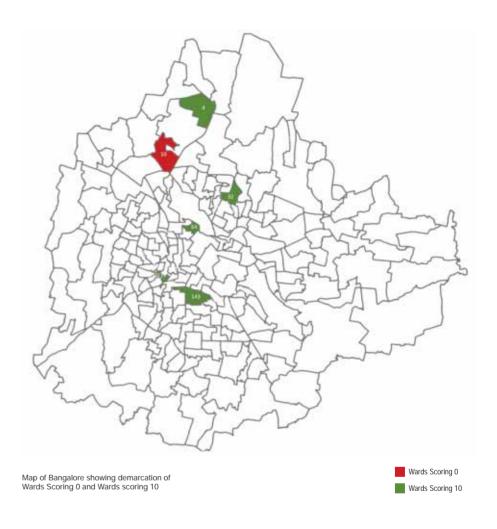
6-5

4-3

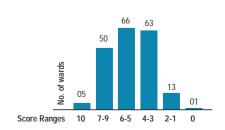
2-1

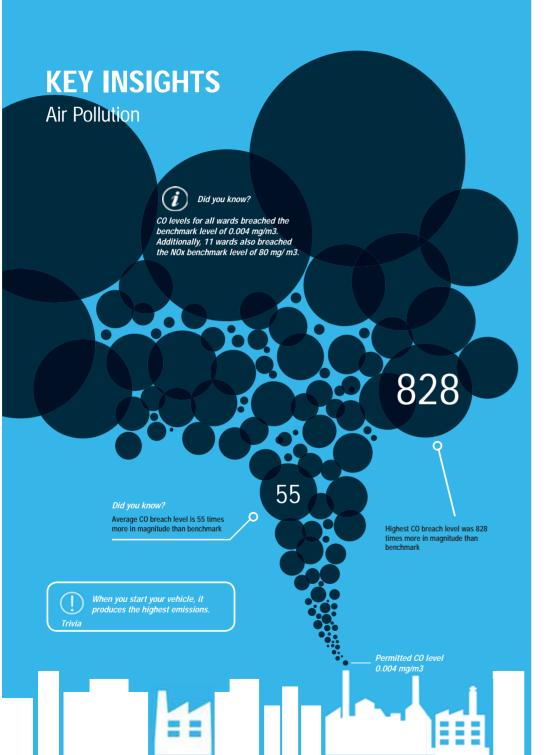
0





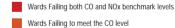








"Map of Bangalore showing demarcation of Wards failing to meet CO and/or NOx benchmark levels





None of the wards scored 10 in the air pollution survey



of the wards were INNER WARDS

# **Noise Pollution**



Of the permitted decibel levels of 45-55 dB in residential and 55-65 dB in commercial locations, all 198 wards measured an average dB level between 60 and 90 dB.

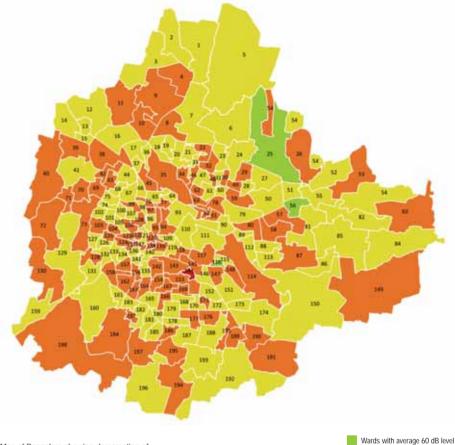


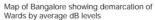


**7** O Hearing threshold



Loud noise can be very damaging to hearing. Both the level of noise and the length of time you listen to the noise can put you at risk for noise-induced hearing loss.







wards scored a perfect 10 wards scored zero

Ward Quality Score Databook 2013 22

Wards with average 70 dB level

Wards with average 80 dB level

Wards with average 90 dB level

Garbage



rivia

Amount of garbage collected in a day in Bangalore is approximately 4000 tons per day

# 153

wards scored equal to or greater than 7 on collection from households

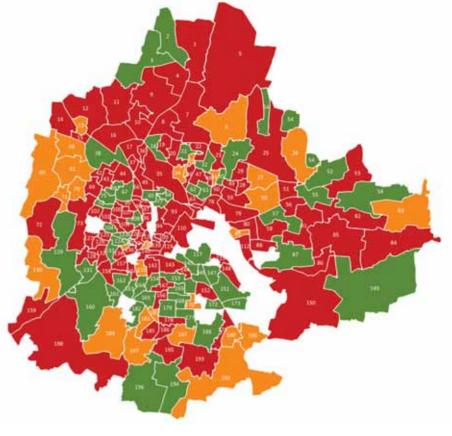




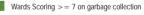


102

Out of these 153 wards, 102 Wards scored between 0 - 3 on garbage in open spaces



Map of Bangalore showing demarcation of Wards scoring above average on garbage collection and/or scoring low on presence of garbage in open spaces.

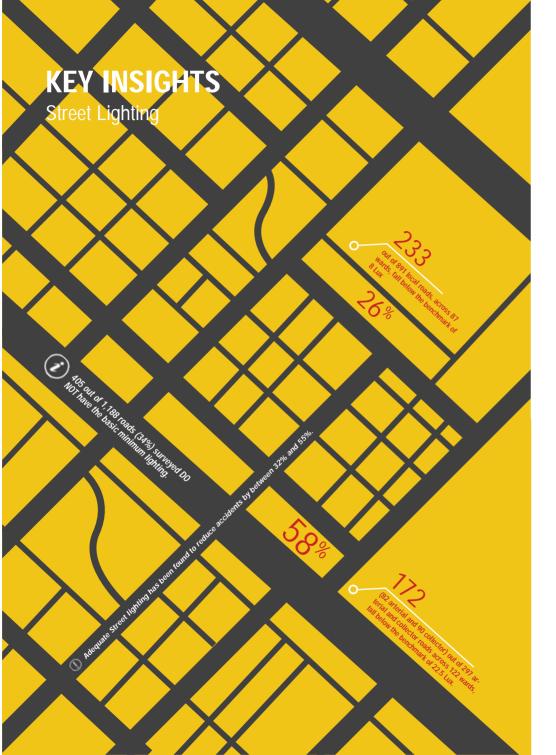


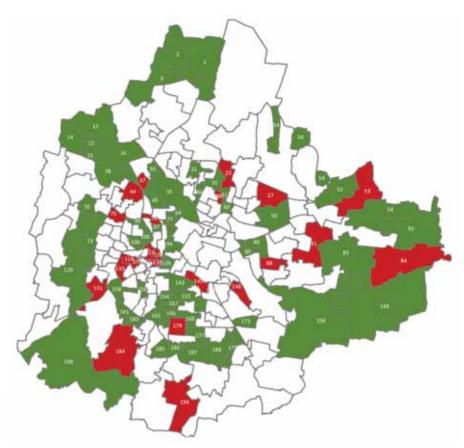
Wards Scoring < = 3 on Garbage in open spaces

Wards Scoring >= 7 on garbage collection but <= 3 on garbage in open spaces- implying garbage piles of various sizes on all 6 roads sampled in these wards.



of the 102 wards Wards Scoring >=7 on garbage collection but <=3 on garbage in open spaces are INNER WARDS





Map of Bangalore showing demarcation of Wards Scoring 0 and Wards scoring 10



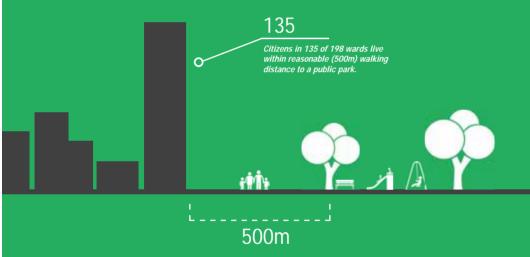


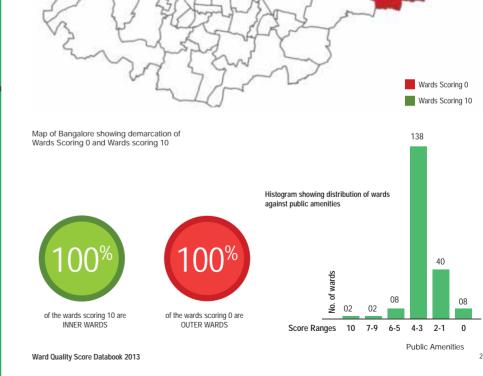
of the wards scoring 10 are INNER WARDS



of the wards scoring 0 are OUTER WARDS

Parks





Trivia Property values are significantly influenced by the presence of green space, which includes neighborhood parks and urban forested areas

# Walkability

What do we consider as a walkable road?



Footpaths on both sides



Footpath should be atleast 1.5m wide



No obstructions



Well li

237.6km of foot paths surveyed

= 40km ------

= 400111

20

obstructions per km of footpat and road surveyed per ward

37

Parking violations for every 2.4 km of footpaths.

64

Parking violations for every 1.2 km of roads surveyed per ward.



is ideally walkable



Carbon emissions can be reduced if more people choose to walk rather than drive.

# **GLOSSARY**

#### Arterial Road

An arterial road, or arterial thoroughfare, is a high-capacity urban road. The primary function of an arterial road is to deliver traffic from collector roads to freeways, and between urban centres at the highest level of service possible

### Collector Road

A collector road or distributor road is a low-to-moderate-capacity road which serves to move traffic from local streets to arterial roads. Unlike arterials, collector roads are designed to provide access to residential properties

#### Local Road

A local road is a hard surface or improved, loose- surface formation road providing property access.

#### Inner Wards

The inner wards are those that belong to the inner zones of Bengaluru: East Bangalore, South Bangalore and West Bangalore.

#### **Outer Wards**

The outer wards are those that belong to the new zones of Bengaluru that were added to BMP: RR Nagara, Bommanahalli, Mahadevapura, Dasarahalli and Byatarayanapura .

Not all the outer wards are necessarily new wards, BBMP had re-organised the boundaries and had marked out a few older ward areas as a part of the outer wards.

## Indicator List

#### 1. Water

- · Quality of water (household)
- · Continuity of water supply

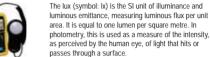
## 2. Environment

- Air pollution
- Noise pollution

### 3. Sanitation

- Presence of public toilets
- Presence of garbage in open spaces
   Presence of litter bins in public spaces
- Garbage collection
- Waste Segregation

# Lux Definition The lux (symbol:



We used a lux meter to measure lux levels at a survey location.

# (3)

#### Ecosense

We used an Air pollution sensor device to measure NOX and CO levels in Bangalore . This device was purchased from France.

### Sound Meter

We used digital sound meters to measure decibel levels in residential and commercial areas of all 198 wards.

#### 4. Mobility

- Footpaths (i. presence ii. width iii. obstructions)
- Safe pedestrian crossing at Junctions
- · Adequacy of Street lighting of footpaths
- Coverage of public transport network
- Crowding in public transport
- · Access to information (i. at the bus stop, ii. On the bus)
- Connectivity
- Dedicated bicycle lane (i. Presence ii. Quality)
- Quality of road surface (i. Obstructions ii. Road markings)
- Functional signs and signals
- Adequacy of Streetlighting of roads
- Number of Parking Violations

## 5. Public Amenities

- Access to Parks
- · Adequacy of Parks

# WARD SCORE BY CATEGORIES















No	Ward Name	WQS 2013		3 WQS 2010		WQS 2013		WQS 2010		WQS 2013		WQS	2010	WC	QS 2013	WQS	2010	WQS	2013	WQS 2010		WQS 2013		WQS 2010	
		Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	e Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
26	Ramamurthy Nagar	7.10	7	4.09	162	4.00	130	3.85	158	1.76	190	5.89	151	4.89	147	4.32	150	0.00	191	0.62	151	3.55	176	4.48	163
27	Banasavadi	4.30	68	6.87	87	5.50	40	4.85	100	1.84	189	6.82	100	4.14	180	4.99	95	2.58	154	1.26	127	3.67	164	5.58	104
28	Kammanahalli	3.13	139	3.50	181	5.00	69	4.35	126	2.80	149	6.25	133	5.10	133	5.31	64	5.00	13	0.64	149	4.21	127	4.54	159
29	Kacharkanahalli	6.44	14	6.76	92	3.50	166	5.35	75	2.00	183	6.94	91	6.21	28	5.76	37	5.00	13	2.63	76	4.63	70	5.97	65
30	Kadugondanahalli	3.04	143	7.13	72	4.00	130	3.85	158	3.50	116	6.66	116	5.60	83	4.81	116	4.61	139	2.67	71	4.15	134	5.56	107
31	Kushal Nagar	3.17	134	7.45	53	5.50	40	3.85	158	2.50	164	7.30	61	4.96	143	4.83	113	5.00	13	1.62	112	4.23	124	5.72	87
32	Kaval Bairasandra	6.06	17	7.12	73	3.50	166	4.85	100	2.95	142	6.39	127	5.43	100	5.23	68	5.00	13	1.53	117	4.59	73	5.69	90
33	Manorayanapalya	3.51	114	3.45	182	6.00	19	5.35	75	2.03	182	5.49	171	5.86	57	6.41	3	5.00	13	1.89	93	4.48	94	4.90	143
34	Gangenahalli	3.37	123	5.40	125	1.50	195	6.85	14	5.10	23	6.10	140	6.06	42	6.43	2	5.00	13	1.28	126	4.20	128	5.73	85
35	Aramane Nagara	3.45	117	7.22	65	4.50	99	8.35	1	3.87	91	7.40	52	7.38	1	4.87	104	5.00	13	1.22	129	4.84	44	6.00	62
36	Mattikere	4.05	82	6.87	88	6.00	19	4.85	100	2.75	152	7.81	15	4.85	151	4.64	120	5.00	13	2.16	84	4.53	86	5.87	72
37	Yeshwanthpura	2.95	150	7.01	79	6.00	19	4.35	126	4.85	37	7.69	22	4.30	176	4.77	114	5.00	13	2.02	90	4.62	72	5.85	75
38	HMT ward	1.12	190	9.09	8	4.50	99	5.85	49	3.70	101	6.73	108	6.37	19	4.17	150	3.76	146	1.96	92	3.89	154	6.17	44
39	Chokkasandra	2.00	180	5.50	124	4.00	130	4.85	100	2.40	167	5.78	156	5.87	55	6.23	5	3.54	148	2.02	89	3.56	175	5.47	112
40	Dodda Bidarakallu	1.73	185	1.43	197	5.00	69	3.35	185	2.30	173	5.29	177	5.50	95	2.38	162	0.83	175	0.05	187	3.07	188	3.19	198
41	Peenya Industrial Area	3.00	145	6.47	101	2.00	192	4.85	100	0.80	198	4.12	196	5.03	138	5.12	72	5.00	13	1.65	110	3.17	185	5.01	138
42	Lakshmi Devi Nagar	5.17	35	3.44	183	3.00	186	5.35	75	3.15	135	6.14	139	4.84	154	6.01	16	4.29	141	1.69	107	4.09	140	5.05	137
43	Nandini Layout	4.96	43	8.41	24	3.50	166	4.85	100	4.23	71	7.37	54	4.85	150	5.59	38	5.00	13	4.95	6	4.51	89	6.63	16
44	Marappana Palya	2.93	151	8.68	16	6.50	3	5.35	75	4.25	68	7.62	34	3.61	194	4.86	100	5.00	13	2.87	57	4.46	95	6.45	26
45	Malleswaram	4.54	56	7.20	67	4.50	99	7.85	3	2.60	159	6.43	124	7.12	. 3	5.74	34	5.00	13	1.31	125	4.75	56	6.03	59
46	Jayachamarajendra Nagar	4.80	49	7.56	50	4.00	130	6.85	14	3.85	92	6.86	97	5.51	94	6.19	6	5.00	13	1.35	124	4.63	68	6.34	32
47	Devara Jeevanahalli	4.07	80	6.24	110	5.50	40	6.35	26	6.85	2	6.71	111	4.72	162	5.06	73	5.00	13	1.18	130	5.23	18	5.61	100
48	Muneshwara Nagar	3.48	116	6.89	85	3.50	166	3.85	158	3.60	109	6.70	113	2.29	197	4.52	121	5.00	135	0.94	138	3.57	174	5.35	122
49	Lingarajapura	2.05	179	6.01	117	4.50	99	4.35	126	3.00	140	7.33	57	5.99	48	5.08	71	5.00	13	0.61	153	4.11	136	5.41	117
50	Benniganahalli	3.72	101	6.26	108	6.50	3	6.85	14	3.55	113	6.91	94	5.57	88	4.31	129	5.00	13	0.94	137	4.87	41	5.42	116
51	Vijnanapura	1.55	188	7.11	74	5.00	69	4.35	126	2.80	149	6.00	144	6.39	18	4.27	133	4.77	138	0.31	169	4.10	138	5.09	135
52	K R Pura	3.03	144	3.52	180	4.50	99	4.85	100	4.30	63	4.98	187	6.28	23	5.50	42	1.38	168	0.58	155	3.90	153	4.44	166
53	Basavanapura	3.16	135	4.25	155	4.50	99	3.85	158	2.10	179	5.66	163	3.90	189	4.06	140	0.11	187	0.13	183	2.75	191	4.36	173
54	Hudi	2.60	165	3.14	188	4.00	130	3.85	158	4.70	44	6.33	130	6.64	11	4.55	115	0.00	191	0.01	189	3.59	172	4.38	169
55	Devasandra	6.68	12	2.55	191	6.00	19	5.85	49	3.40	122	4.40	193	4.80	156	4.85	98	1.02	173	1.66	109	4.38	107	4.04	186
56	A Narayanapura	4.07	81	2.53	192	4.50	99	4.35	126	3.95	86	6.66	115	5.60	81	5.29	56	2.85	152	0.13	181	4.19	130	4.43	167
57	C V Raman Nagar	3.60	108	6.23	111	4.50	99	6.85	14	3.75	98	7.18	68	5.43	99	4.18	133	0.32	180	0.27	173	3.52	177	5.42	115
58	New Tippasandara	5.28	33	3.86	174	4.50	99	6.85	14	5.10	23	7.79	16	6.05	44	2.87	144	5.00	13	1.40	122	5.19	20	4.69	154
59	Maruthi Seva Nagar	7.37	5	6.83	90	5.00	69	5.85	49	3.55	113	7.58	36	6.04	45	5.97	18	5.00	13	1.77	100	5.39	13	6.08	52
60	Sagayarapuram	3.39	122	6.72	94	5.00	69	6.85	14	3.75	98	6.04	142	6.21	27	5.76	30	5.00	13	2.15	85	4.67	64	5.74	83
61	S K Garden	4.82	48	6.76	93	4.50	99	4.85	100	3.90	90	7.73	18	6.19	32	6.05	13	5.00	13	2.29	81	4.88	40	6.20	40
62	Ramaswamy Palya	4.02	83	7.55	51	4.00	130	5.85	49	3.27	127	6.83	99	5.29	112	5.15	61	5.00	13	1.81	97	4.32	112	6.01	61
63	Jayamahal	5.99	19	7.01	78	1.50	195	7.85	3	2.16	178	5.38	176	5.36	105	6.09	8	5.00	13	3.02	48	4.00	146	5.96	66
64	Rajamahal Guttahalli	5.94	22	8.19	29	6.50	3	6.85	14	4.30	63	7.86	11	5.70		5.18	58	5.00	13	2.54	77	5.49	10	6.36	31
65	Kadu Malleshwara	6.69	11	7.23	63	5.00	69	7.35	8	4.90	35	7.32	58	5,40	103	4.55	107	5.00	13	3.64	28	5.40	12	6.16	46
66	Subramanya Nagar	3.14	137	8.93	9	5.00	69	6.35	26	4.15	75	7.57	40	5.26	116	5.57	34	5.00	13	3.63	29	4.51	88	6.81	9
67	Nagapura	3.67	106	7.60	47	5.00	69	6.85	14	5.10	23	8.16	5	5.13		6.05	11	5.00	13	5.54	1	4.78	52	6.94	4
68	Mahalakshimpuram	3.83	94	8.87	11	4.00	130	4.85	100	6.85	2	7.87	10	4.06	_	5.10	58	5.00	13	4.82	7	4.75	57	6.72	11
	Laggere	3.64	107	6.10	115	4.00	130	2.05	150	4.20	/2	4.77	101	2.25	104	5.09		0.96	174	0.14	180	3.23	182	4.86	146













No Ward Name	WQS 2013		WQS	WQS 2010		WQS 2013		2010	WQS 2013		WQS 2010		WQS	S 2013	WQS	2010	WQS	2013	WQS	2010	WQS 2013		WQS 2010	
	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
70 Rajagopal Nagar	1.90	182	4.28	152	4.00	130	3.85	158	2.40	167	5.90	150	5.19	124	5.57	32	0.00	191	1.05	134	2.70	193	4.90	144
71 Hegganahalli	2.38	173	3.61	178	4.50	99	4.35	126	1.88	188	5.70	161	4.85	152	4.85	85	0.00	191	0.89	140	2.72	192	4.48	164
72 Herohalli	3.88	92	3.78	176	4.00	130	4.35	126	1.90	186	4.03	197	4.06	184	4.58	98	2.21	159	1.78	98	3.21	183	4.24	181
73 Kottegepalya	2.87	152	4.84	140	3.50	166	4.35	126	2.72	155	5,92	149	5.78	63	4.29	112	5.00	13	0.27	172	3.97	147	4.68	155
74 Shakthi Ganapathi Nagar	4.38	63	7.59	48	5.50	40	4.85	100	4.90	35	7.10	76	5.18	126	5.21	53	5.00	13	2.09	86	4.99	35	6.04	58
75 Shankar Matt	4.44	60	8.06	33	5.50	40	4.35	126	4.85	37	7.17	71	4.38	173	4.89	81	5.00	13	2.87	56	4.83	45	6.09	51
76 Gayithri Nagar	3.19	132	7.35	57	4.00	130	5.35	75	3.50	116	8.38	4	4.64	165	4.73	90	5.00	13	3.22	41	4.07	144	6.07	53
77 Dattatreya Temple	4.54	57	4.00	166	4.00	130	6.85	14	4.65	46	8.38	3	5.24	118	5.01	65	5.00	13	3.40	35	4.68	63	5.47	111
78 Pulikeshinagar	2.65	161	6.77	91	3.50	166	7.35	8	2.50	164	7.94	8	5.52	92	5.35	44	5.00	13	3.68	25	3.83	158	6.39	28
79 Sarvagna Nagar	5.60	26	7.35	56	5.50	40	7.85	3	2.80	149	6.02	143	5.78	65	3.40	121	5.00	13	1.58	113	4.94	37	5.34	123
80 Hoysala Nagar	3.20	131	7.41	54	4.00	130	7.35	8	2.10	179	7.52	43	6.97	6	5.27	49	5.00	13	3.80	20	4.25	120	6.33	35
81 Vijnana Nagar	4.37	64	4.29	151	6.50	3	4.35	126	3.70	101	4 95	188	3.70	193	4.85	78	0.00	191	0.18	175	3.65	166	4.07	184
82 Garudachar Playa	2.73	159	1.84	195	5.00	69	4.85	100	4.10	80	5.54	168	6.27	24	3.48	118	0.00	191	0.01	190	3.62	171	3.39	196
83 Kadugodi	0.70	193	3.71	177	3.50	166	4.85	100	1.05	195	6.34	129	7.09	4	5.61	29	0.05	189	0.05	185	2.48	196	4.56	158
84 Hagadur	1.00	191	2.43	193	6.00	19	4.85	100	3.85	92	5.63	164	3.78	190	4.96	68	0.27	182	0.49	159	2.98	190	3.84	192
85 Dodda Nekkundi	6.82	9	4.29	148	6.50	3	4.35	126	2 60	150	5.71	160	5.96	51	3.33	117	1.93	161	0.70	146	4.76	55	4.00	188
86 Marathahalli	1.84	183	4.29	148	5.00	69	4.35	126	4.81	40	6.18	135	4.85	153	4.47	96	0.00	190	0.00	192	3.30	180	4.33	176
87 HAL Airport ward	6.02	18	5.17	129	2.50	188	5.35	75	4.70	40	7.57	30	6.09	41	4.27	103	0.36	179	0.18	174	3.93	149	4.71	153
88 Jeevanbhima Nagar	3.91	91	7.24	62	5.00	69	6.35	26	4.51	57	7.07	80	4.12	183	5.05	59	4.98	136	1.48	119	4.50	91	5.84	78
89 Jogupalya	4.01	84	6.92	83	5.50	40	5.35	75	2.70	101	5.40	172	6.12	38	5.48	35	5.00	130	4.66	12	4.86	42	5.67	94
90 Halsoor	5.30	32	8.25	26	5.50	40	7.35	8	4.05	82	5.21	179	5.41	102	4.90	73	5.00	13	3.51	31	5.05	29	5.84	77
91 Bharathi Nagar	5.96	20	7.80	38	4.00	130	5.85	49	3.65	105	5.21	118	4.72	161	4.94	71	5.00	13	2.79	65	4.67	65	5.95	68
92 Shivaji Nagar	4.18	74	4.83	141	4.50	99	3.85	158	4.50	60	6.18	138	5.64	79	4.68	81	5.00	13	2.02	91	4.76	54	4.76	151
93 Vasanth Nagar	4.18	47	9.90	2	5.00	69	7.85	3	5.00	22	6.05	98	5.64	78	4.97	65	5.00	13	5.11	4	5.09	25	6.92	5
94 Gandhinagar	3.74	100	6.32	105	3.50	166	6.85	14	3.20	131	8.44	2	6.90	7	4.80	75	5.50	9	2.94	52	4.57	77	6.18	42
95 Subhash Nagar	4.95	44	4.28	153	4.50	99	6.85	14	5.20	11	0.44	4	6.25	26	5.92	18	5.00	13	3.39	36	5.27	17	5.90	70
96 Okalipuram	3.93	89	4.20	143	6.00	19	5.85	49	3.15	135	7.72	19	6.25	35	4.20	97	5.00	13	2.83	60	4.85	43	5.35	121
97 Dayananda Nagar	5.74	23	8.67	17	4.00	130	4.85	100	3.15 4.15	75	7.12	72	4.95	144	4.23	96	5.00	13	3.95	18	4.00	53	6.21	39
98 Prakash Nagar	5.11	38	5.63	122	6.00	19	7.35	8	3.45	120	7.13	32	4.48	171	6.11	7	5.00	13	4.08	17	4.77	50	6.25	37
	3.70	103	6.17	112	4.50	99	_	8	3.43	120	7.02	32	6.87	171	6.16	/	5.00	13	4.06	9	4.54	82	6.48	24
	5.11	39	8.46		5.50	40	7.35 6.35		2.05	108	7.04	45	5.98	40	6.07	0		13			5.33			6
100 Basaveshwara Nagar	2.46	170	8.46	21	5.00	69	6.35	26 26	5.05 3.91	28	7.51	40	5.96	109	4.95	8	5.00	13	3.66	26 27	4.34	15 110	6.90	7
101 Kamakshipalya 102 Vrisabhavathi	4.52	59	6.63	97	5.50	40	4.85	100	3.60	109	6.74	107	4.76	159	4.95	63 76	3.85	144		47	4.44	98	5.63	96
									3.00	109	0.74	82							3.02					
103 Kaveripura	2.40	172	7.38	55	3.50	166	4.35	126	3.23	128	7.05	02	4.71	163	3.94	97	5.00	13	2.24	82	3.77	159	5.62	97
104 Govindaraja Nagar	1.80	184	7.63	42	4.50	99	6.35	26	2.75	152	7.67	23	5.14	131	5.33	39	5.00	13	5.12	3	3.84	157	6.69	13
105 Agrahara Dasarahalli	7.14	6	7.64	41	5.00	69	5.85	49	2.30	1/3	7.02	86	5.69	75	6.04	8	5.00	13	3.58	30	5.03	32	6.52	22
106 Dr Raj Kumar Ward	3.49	115	7.65	39	4.50	99	5.35	75	3.25	128	7.45	50	6.43	17	6.00	9	5.00	13	3.31	38	4.53	85	6.58	19
107 Shivanagar	4.78	50	8.23	28	5.00	69	6.85	14	4.10	80	7.04	85	6.67	10	6.28	3	5.00	13	2.81	63	5.11	24	6.66	14
108 Sriramamandir	3.09	141	9.81	3	3.50	166	5.85	49	3.50	116	7.60	35	6.10	40	5.70	21	5.00	13	4.33	16	4.24	121	7.12	2
109 Chickpete	4.33	66	6.34	104	5.50	40	4.35	126	3.65	105	7.08	78	5.57	90	5.37	32	5.00	13	0.51	157	4.81	49	5.60	102
110 Sampangiram Nagar	3.75	99	6.60	98	5.00	69	8.35	1	3.81	96	6.65	117	6.49	15	4.48	76	10.00	1	2.35	80	5.81	4	5.61	101
111 Shantala Nagar	5.35	28	6.93	81	5.00	69	7.85	3	2.85	147	5.99	145	5.76	68	5.85	14	6.25	5	2.07	88	5.04	30	5.85	74
112 Domlur	3.21	129	5.11	133	2.50	188	6.35	26	4.53	56	7.24	65	4.93	145	4.70	66	5.00	13	2.48	79	4.03	145	5.25	128
113 Konena Agrahara	3.06	142	6.89	86	5.00	69	5.35	75	4.58	52	7.12	74	5.28	113	5.83	15	0.20	184	0.95	136	3.62	170	5.53	108













No Ward Name	WOS	WQS 2013 WQS 2010		2010	wos	2013	WQS 2010		WQS 2013		WQS 2010		W	VQS 2013		WQS 2	2010	WOS	2013	wos	2010	wos	2013	WQS 2010	
Ward Harit	Score	Rank	Score	Rank	Score	Rank	Score		Score	Rank	Score		Scor			Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
114 Agaram	3.20	130	6.02	116	4.50	99	4.85	100	2.35	170	6.18	137	5.51			4.25	80	5.00	13	0.62	152	4.11	135	4.81	149
114 Agaram 115 Vannarpet	5.06	41	5.17	131	6.00	19	4.85	100	3.20	170	0.10 E 04	148	5.15			5.47	26	5.00	13	0.02	193	4.11	39	4.01	150
116 Nilasandra	3.54	111	3.18	187	7.50	19	3.85	158	4.30	63	5.98	147	5.57			4.80	60	5.00	13	0.00	193	5.18	21	4.79	185
	4.00		8.57	19		99		49	4.65	0.3	5.98	90													
117 Shanthi Nagar		85			4.50		5.85			40	0.95		5.30			4.95	53	5.00	13	1.76	101	4.69	62	5.98	64
118 Sudham Nagara	2.95	149	5.59	123	4.00	130	4.35	126	4.15	75	6.57	119	5.01			5.28	33	5.00	13	1.53	118	4.22	125	5.36	120
119 Dharmaraya Swamy Temple	4.30	67	5.34	126	5.00	69	4.35	126	3.85	92	7./1	20	5.78			4.98	49	5.00	13	2.65	74	4.79	51	5.59	103
120 Cottonpete	3.34	124	7.15	70	4.50	99	6.35	26	5.70	9	7.34	56	4.29			4.02	79	5.00	13	1.14	132	4.57	76	5.71	88
121 Binnipete	4.52	58	6.87	89	5.50	40	4.35	126	3.75	98	6.33	131	4.46			4.09	77	5.00	13	3.09	44	4.65	66	5.43	114
122 Kempapura	3.26	126	7.25	61	4.00	130	3.85	158	2.95	142	6.71	110	5.17			4.75	58	5.00	13	3.03	46	4.08	143	5.74	84
123 Vijayanagar	4.21	72	8.78	13	4.00	130	5.35	75	5.35	17	6.81	103	4.59		7 4	4.83	55	5.00	13	4.64	13	4.63	69	6.40	27
124 Hosahalli	3.17	133	8.90	10	4.00	130	5.35	75	4.76	41	7.89	9	4.14	14 18	1 4	4.92	53	5.00	13	2.92	55	4.21	126	6.62	17
125 Marenahalli	3.42	121	7.91	34	4.00	130	5.35	75	4.70	44	7.83	12	5.68	58 7	6 5	5.00	46	5.00	13	3.68	24	4.56	79	6.57	20
126 Maruthi Mandir	3.25	127	9.21	7	5.50	40	4.85	100	3.85	92	7.05	83	5.85	35 5	8 5	5.32	31	5.00	13	2.65	73	4.69	61	6.63	15
127 Mudalapalya	5.17	36	7.63	43	5.50	40	4.85	100	3.65	105	7.31	59	3.57	57 19	5 4	4.59	55	5.00	13	1.75	103	4.58	75	6.02	60
128 Nagara Bhavi	3.15	136	8.56	20	4.00	130	5.35	75	5.02	31	7.24	66	5.95	95 5	2 4	4.38	65	5.00	13	0.90	139	4.62	71	6.19	41
129 Jnana Bharathi	4.16	76	1.56	196	5.00	69	5.85	49	5.07	27	5.53	169	6.14	14 3	7 4	4.48	60	2.28	157	0.68	148	4.53	87	4.01	187
130 Ullalu	2.54	169	2.37	194	4.50	99	4.35	126	1.20	193	4.93	189	5.60	8 06	2 5	5.33	30	4.33	140	1.75	102	3.63	167	4.29	178
131 Nayandahalli	3.93	90	6.29	107	6.00	19	5.35	75	5.30	19	6.51	121	3.92	92 18	8 4	4.19	66	5.00	13	1.11	133	4.83	47	5.39	118
132 Attiguppe	6.75	10	7.33	58	6.50	3	4.35	126	5.80	7	7.09	77	4.21	21 17	'8 4	4.94	49	5.00	13	2.70	70	5.65	5	5.99	63
133 Hampi Nagar	5.35	29	8.42	23	5.50	40	6.35	26	7.00	1	7.70	21	5.32	32 10	8 5	5.94	9	5.00	13	3.28	40	5.63	6	6.84	8
134 Bapuji Nagar	3.76	98	6.92	82	6.00	19	4.85	100	2.90	145	6.82	102	4.86	36 14	9 4	4.57	54	5.00	13	1.53	116	4.50	90	5.58	105
135 Padarayanapura	5.95	21	7.23	64	4.00	130	3.85	158	3.25	128	7.30	60	2.21	21 19	8 5	5.03	41	5.00	13	1.56	114	4.08	142	5.82	80
136 Jagajivanaramnagar	7.42	4	7.29	60	5.50	40	5.85	49	5.00	32	6,93	93	4.99	99 14	2 4	4.58	52	5.00	13	1.78	99	5.58	8	5.83	79
137 Rayapuram	5.13	37	7.05	77	3.00	186	6.35	26	3.05	138	7.18	69	5.39	39 10	)4 5	5.09	35	5.00	13	0.00	191	4.31	114	5.86	73
138 Chalavadipalya	1.91	181	7.82	37	1.50	195	5.85	49	3.65	105	6.72	109	4.35	35 17	4 4	4.99	42	5.00	13	0.00	193	3.28	181	5.95	69
139 K R Market	3.44	118	5.17	130	2.00	192	5.35	75	5.25	20	7.04	84	6.53			5.55	20	5.00	13	0.86	141	4.44	99	5.50	109
140 Chamrajapet	4.93	45	8.14	30	2.50	188	6.35	26	4.30	63	7.19	67	5.98			5.38	26	5.00	13	1.70	106	4.54	83	6.21	38
141 Azad Nagar	2.23	175	6.69	95	5.50	40	5.85	49	2.90	146	7.49	47	5.20	20 12		4.31	55	5.00	13	2.09	87	4.17	132	5.61	99
142 Sunkenahalli	4.34	65	7.89	36	5.00	69	6.35	26	3.35	125	7.63	30	5.09			5.25	28	5.00	13	3.44	34	4.56	81	6.34	33
143 Vishveshwara Puram	5.63	24	7.22	66	4.00	130	6.35	26	2.55	140	7.03	81	5.86			5.58	19	10.00	1	2.92	54	5.61	7	6.06	55
144 Siddapura	6.50	13	9.52	5	2.50	188	5.85	49	3.00	140	7.57	41	5.17			4.94	40	5.00	13	2.81	61	4.43	101	6.61	18
	3.14	138	7.62	45	3.50	166	5.35	75	5.00	17	7.37	63	4.52			5.75	17	5.00	13	2.84	58	4.43	116	6.17	45
145 Hombegowda Nagara	7.82	2	8.23	27	6.00	19	5.85	49	5.15	22	6.82	101	5.70			5.29	25	5.00	13	1.25	128	5.93	3		50
146 Lakka Sandra		42				99			3.16	124	0.82	155				5.29	15							6.11	
147 Adugodi	5.04		7.16	69	4.50		4.85	100		134	5.79	100	5.47					5.00	13	0.69	147	4.63	67	5.56	106
148 Ejipura	3.97	87	5.14	132	3.50	166	3.85	158	4.03	84	4.65	192	3.97			5.48	20	5.00	13	0.48	160	4.09	139	4.53	161
149 Varthuru	3.97	88	4.62	144	4.00	130	3.85	158	5.50	14	5.06	182	5.05			5.05	31	0.00	191	0.00	193	3.70	163	4.17	183
150 Bellanduru	4.76	51	4.19	158	6.00	19	3.85	158	4.55	53	7.51	44	5.15			3.39	52	0.07	188	0.00	193	4.11	137	4.38	170
151 Koramangala	2.63	163	8.08	32	5.00	69	5.85	49	5.20	21	6.70	112	5.89			5.06	30	5.00	13	2.80	64	4.74	58	5.68	92
152 Suddagunte Palya	4.67	53	6.53	100	5.50	40	4.85	100	2.70	156	7.01	87	6.20			4.47	42	5.00	13	2.81	62	4.81	48	5.14	133
153 Jayanagar	5.32	31	5.74	120	1.00	198	5.85	49	4.25	68	7.39	53	5.74			5.44	20	5.00	13	3.20	42	4.26	118	5.73	86
154 Basavanagudi	4.43	61	5.18	128	4.00	130	6.35	26	2.95	142	8.00	7	5.58			4.98	31	5.00	13	4.60	14	4.39	105	5.78	82
155 Hanumanthanagar	3.68	105	4.80	142	6.00	19	6.35	26	2.30	173	7.62	33	4.61			4.75	35	5.50	9	3.37	37	4.42	104	5.44	113
156 Srinagar	4.24	69	5.86	118	4.50	99	6.35	26	3.10	137	7.48	46	5.27	27 11	4 4	4.77	34	5.00	13	2.76	66	4.42	102	5.61	98













Part	No Ward Name	MOS	WQS 2013 WQS		WQS 2010 WQS 2013		2012	WQS 2010		WQS 2013		WQS 2010		MOS	5 2013	WOS	2010	WQS	2012	WOS	2010	WQS 2013		WQS 2010	
150   150	Walu walle							_		_			_												
100   100	157 Coli Anionovo Tomonio									Score	Kalik	30016	Ralik							000.0					
190   190			_		_				_	5.05	28	0.47	123												
Mathematic   Mat	1 , 5										170	7.03													
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14.   14.	, , ,										147	7.00													
184 Migrager											147	7.10													
164 Meyopering 1619 34 714 71 71 71 71 71 71 71 71 71 71 71 71 71												7.12													
184 General-Marieri	3 11							_				7.17													
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18. Platchiram Nager 6 66 8 7, 77 82 82 80 93 635 24 550 14 729 84 19 829 150 150 150 150 150 150 150 150 150 150											130	7.40				_	7							-	
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171 Companyolys										0.10	10	7.44					- 3		12						
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173 Jakkasandrá 417 75 6.55 6.57 79 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0							_	_			113	0.74													
174 HSR Layout											40	7.00									-				
175 Bommshall 166 166 176 179 Bommshall 228 185 187 188 189 189 189 189 189 189 189 189 189											77	5.74													
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171 J.P. Magare 4.40 6.27 15 5.07 135 6.50 3 5.35 15 6.50 3 5.55 1								_			.07	2.98													
178 Sarakki 6.27 15 5.07 135 6.50 135 6.50 13 5.50 7 135 6.50 13 5.50 7 135 6.50 13 5.50 7 135 6.50 13 5.50 7 135 6.50 13 5.50 7 13 5.50 13 5.										4.50	28	0.30					21		Ü						
179 Shakambari Nagar					_					2.20	174	7.03					10								
180 Banasharkar Femple 4.09 79 7.31 59 5.50 40 4.35 126 1.00 197 7.57 38 5.58 5.58 5.58 4.0 5.50 13 1.73 104 4.23 122 6.04 57 131 Kumaraswamy Layout 3.42 120 6.91 84 5.50 40 5.58 5.9 5.65 10 7.67 24 5.50 5.00 84 5.51 5.50 13 2.96 50 5.03 31 6.12 49 182 182 182 182 182 182 182 182 182 182											170 E0	7.14					7								
181 Kumaraswamy Layout 3.42 120 6.91 84 550 40 5.85 49 5.66 10 7.67 24 5 5.00 84 5.61 5 5 5.00 13 2.96 50 5.03 31 6.12 49 182 Padmanabha Nagar 3.43 119 3.92 169 4.50 99 5.35 75 6.40 4 6.55 120 5.00 5.0 71 5.80 4 5.00 13 2.96 49 5.01 34 5.24 129 183 Chikkalsandra 4.55 55 4.57 145 50.0 69 5.85 49 5.68 111 7.74 176 5.25 117 6.01 33 5.00 69 2.68 117 7.6 118 118 Ultarahili 4.21 71 4.20 150 5.50 40 4.85 100 6.25 5 6.99 88 3.75 120 4.35 14 16.5 164 0.28 171 3.73 162 4.75 152 185 Velchenhalli 4.71 5.2 5.63 121 3.50 166 3.85 158 6.25 5 6.99 88 3.75 120 4.83 155 4.52 100 5.00 13 0.45 161 5.16 2.2 4.32 177 186 Jaraganahalli 4.71 5.2 5.63 121 3.50 166 3.85 158 6.25 180 190 5.00 185 185 185 185 185 185 185 185 185 185							-	_			107	7.57	- 02		_		1								
182         Padmanabha Nagar         3.43         119         3.92         169         4.50         99         5.35         75         6.40         4         6.55         120         5.70         71         5.80         4         5.00         13         2.96         4.99         5.01         3.4         5.24         129           183         Chikkalsandra         4.55         55         4.57         145         5.00         69         5.85         19         5.65         11         7.74         11         5.25         117         6.01         3         5.00         13         3.49         3.2         5.09         26         5.84         76           184         Ultarialli         2.99         1.47         4.22         156         5.00         10         6.25         5         6.99         88         3.75         192         4.35         14         1.66         4.02         176         4.32         177         4.22         1.56         5.00         18         5.00         185         4.88         155         4.88         155         4.88         155         4.88         155         4.88         155         4.88         155         4.88											10	7.57							-						-
183   Chikalsandra							-	_	_	3.00	10	6.55													
184 Utlarahalli											11	7.74			_				-						
185         Yelchenahalli         4_21         71         4_22         156         5.50         40         4.88         100         6_25         5         5.00         185         4.83         155         4.52         10         5.00         13         0.45         161         5.16         22         4.32         177           186         Jaraganahalli         4.71         52         5.63         121         3.50         166         3.85         158         2.51         163         4.28         195         5.83         59         4.48         11         5.00         13         0.36         165         4.31         115         4.45         165           187         Puttenshalli         2.25         174         4.93         138         5.50         40         4.35         126         1.40         191         6.47         122         5.21         119         5.14         5         5.00         13         0.42         163         3.87         156         5.08         136           188         Bliekhalli         2.86         154         8.83         12         5.50         40         3.85         158         3.40         122         6.28							_			3.00	5	6.00													
186       Jaraganahalli       4.71       52       5.63       121       3.50       166       3.85       158       2.51       163       4.28       195       5.83       59       4.48       11       5.00       13       0.36       165       4.31       115       4.45       165         187       Puttenahalli       2.25       174       4.93       138       5.50       40       4.35       126       1.40       191       6.47       122       5.21       119       5.14       5       5.00       13       0.42       163       3.87       156       5.08       136         188       Bilekhalli       2.86       154       8.83       12       5.50       40       3.85       158       3.40       122       6.28       132       5.18       125       5.06       6       5.00       13       1.15       131       4.39       106       5.69       91         189       Hongasandra       2.15       177       3.37       184       4.50       99       3.85       158       190       185       5.47       173       5.20       122       4.07       12       3.61       147       0.05       185											5				_	_									
187 Puttenhalili				_			_	_			162	3.00	.00												
188 Bilekhalli         2.86         154         8.83         12         5.50         40         3.85         158         3.40         122         6.28         132         5.06         6         5.00         13         1.15         131         4.39         106         5.69         91           189 Hongasandra         2.15         177         3.37         184         4.50         99         3.85         158         1.90         185         5.47         173         5.20         122         4.07         12         3.61         147         0.05         185         3.47         178         3.77         193           190 Mangammanapalya         2.58         167         5.84         119         4.50         99         3.35         185         1.00         196         5.13         181         6.15         36         6.09         2         1.20         170         0.01         188         3.09         187         4.65         156           191 Singasandra         0.47         195         3.57         179         4.00         130         3.35         185         2.25         169         5.49         170         5.45         98         4.52         7         <												6.47							-						
189 Hongasandra         2.15         177         3.37         184         4.50         99         3.85         158         1.90         185         5.47         173         5.20         122         4.07         12         3.61         147         0.05         185         3.47         178         3.77         193           190 Mangammanapalya         2.58         167         5.84         119         4.50         99         3.35         185         1.00         196         5.13         181         6.15         36         6.09         2         1.20         170         0.01         188         3.09         187         4.65         156           191 Singasandra         0.47         195         3.57         179         4.00         130         3.35         185         2.35         169         5.49         170         5.45         98         4.52         7         0.72         176         0.13         182         2.60         195         3.95         190           192 Begur         1.51         189         1.43         197         6.00         19         3.35         185         2.60         159         4.37         194         5.30         111         <							_				171	6.28													
190         Mangammanapalya         2.58         167         5.84         119         4.50         99         3.35         185         1.00         196         5.13         181         6.15         36         6.09         2         1.20         170         0.01         188         3.09         187         4.65         156           191         Singasandra         0.47         195         3.57         179         4.00         130         3.35         185         2.35         169         5.49         170         5.45         98         4.52         7         0.72         176         0.13         182         2.60         195         3.95         190           192         Begur         1.51         189         1.43         197         6.00         19         3.35         185         2.60         159         4.37         194         5.30         111         5.37         2         0.12         185         0.00         193         3.10         186         3.39         197           193         Arakere         3.72         102         4.01         164         6.50         3         3.85         188         1.89         187         6.90 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5.47</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												5.47													
191 Singasandra 192 Begur 193 Arakere 194 Gottigere 195 Konankunte 196 Anjanapura 197 Sags 158 3.89 171 4.00 130 5.35 75 1.20 193 6.89 96 198 Singasandra 199 5.45 98 4.52 7 0.72 176 0.13 182 2.60 195 3.95 190 190 170 170 170 170 170 170 170 170 170 17											100	5.13													
192         Begur         1.51         189         1.43         197         6.00         19         3.35         185         2.60         159         4.37         194         5.30         111         5.37         2         0.12         185         0.00         193         3.10         186         3.39         197           193         Arakere         3.72         102         4.01         164         6.50         3         3.85         158         1.89         187         6.90         95         5.09         134         4.40         6         2.21         158         0.33         167         3.88         155         4.34         175           194         Gottigere         0.19         198         3.24         186         4.00         130         3.35         185         4.25         68         5.03         183         3.99         186         3.99         8         1.05         171         0.14         178         2.70         194         3.61         195           195         Konankunte         4.88         46         6.43         103         4.03         158         2.05         181         5.80         154         6.05         43 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.35</td> <td></td> <td>5.49</td> <td></td> <td></td> <td></td> <td></td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										2.35		5.49					7								
193         Arkere         3.72         102         4.01         164         6.50         3         3.85         158         1.89         187         6.90         95         5.09         134         4.40         6         2.21         158         0.33         167         3.88         155         4.34         175           194         Gottigere         0.19         198         3.24         186         4.00         130         3.35         185         4.25         68         5.03         183         3.99         186         3.99         8         1.05         171         0.14         178         2.70         194         3.61         195           195         Konankunte         4.88         46         6.43         103         4.00         130         3.85         158         2.05         181         5.80         154         6.05         43         5.23         2         2.82         153         0.71         145         3.96         148         5.29         126           196         Anjanapura         3.81         96         2.58         190         6.50         3         4.35         126         4.61         51         6.39         126 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>2.50</td> <td>107</td> <td>4 37</td> <td>170</td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									_	2.50	107	4 37	170				2								
194       Gottigere       0.19       198       3.24       186       4.00       130       3.35       185       4.25       68       5.03       183       3.99       186       3.99       8       1.05       171       0.14       178       2.70       194       3.61       195         195       Konankunle       4.88       46       6.43       103       4.00       130       3.85       158       2.05       181       5.80       154       6.05       43       5.23       2       2.82       153       0.71       145       3.96       148       5.29       126         196       Anjanapura       3.81       96       2.58       190       6.50       3       4.35       126       4.61       51       6.39       126       4.70       164       5.02       3       1.69       163       0.14       179       4.26       119       4.41       168         197       Vasanthapura       2.73       158       3.89       171       4.00       130       5.35       75       1.20       193       6.89       96       5.82       60       4.96       3       4.13       142       0.72       144       3		_																							
195       Konakuntle       4.88       46       6.43       103       4.00       130       3.85       158       2.05       181       5.80       154       6.05       43       5.23       2       2.82       153       0.71       145       3.96       148       5.29       126         196       Anjanapura       3.81       96       2.58       190       6.50       3       4.35       126       4.61       51       6.39       126       4.70       164       5.02       3       1.69       163       0.14       179       4.26       119       4.41       168         197       Vasanthapura       2.73       158       3.89       171       4.00       130       5.35       75       1.20       193       6.89       96       5.82       60       4.96       3       4.13       142       0.72       144       3.58       173       4.93       141											.07	0.70					_								
196 Anjanapura       3.81 96 2.58 190 6.50 3 4.35 126 4.61 51 6.39 126       4.61 51 6.39 126       4.70 164 5.02 3 1.69 163 0.14 179 4.26 119 4.41 168         197 Vasanthapura       2.73 158 3.89 171 4.00 130 5.35 75 1.20 193 6.89 96       5.82 60 4.96 3 4.13 142 0.72 144 3.58 173 4.93 141											181	5.80					2								
197 Vasanthapura 2.73 158 3.89 171 4.00 130 5.35 75 1.20 193 6.89 96 5.82 60 4.96 3 4.13 142 0.72 144 3.58 173 4.93 141											51	6.39			_		3								
										1.20	193	6.89					3								
	198 Hemmigepura	3.70	104	2.83	189	4.00	130	3.85	158	4.15	75	5.56	167	6.52	13	4.13	4	0.31	181	0.72	168	3.73	161	3.97	189

# **THE TEAM**



From left to Right:

Back Row : Ebony Bertorelli, Srikanth Viswanathan, Vardhaman Vaidya Front row: Aakanksha Bhatnagar, Tripti Agarwat , Arjun Vidhu, Swathi Venkatesh, Prachi Sinha, Shobana Venkatasubbu

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Janaagraha Centre for Citizenship and Democracy

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