



# Health Index

## Transforming States to Transform India

**Healthy States, Progressive India**

Report on the Ranks of States and Union Territories

# Overview of the Index

## **NITI Mandate**

- **An instrument of cooperative and competitive federalism**
- **Bring Outcome focus among Central Ministries & States**
- **Nodal Organization for monitoring progress on SDGs**
- **Encourage cross learnings/ knowledge dissemination among States**
- **Chart developmental trajectory of States over time**

**Hence, “ Performance on Health Outcomes” Index**

## **Salient Features**

- **Comparison Among the Likes – Larger States (21), Smaller States (8) and Union Territories (7)**
- **The Health Index ( Large States) consists of a limited set of indicators from 3 domains:**
  - **Health Outcomes – 10 indicators ( Weight :70%)**
  - **Governance and Information – 3 indicators ( Weight :12%)**
  - **Key Inputs and Processes – 10 indicators ( Weight :18%)**
- **Indicators selected based on importance and availability of reliable data from existing data sources (at least annually)**

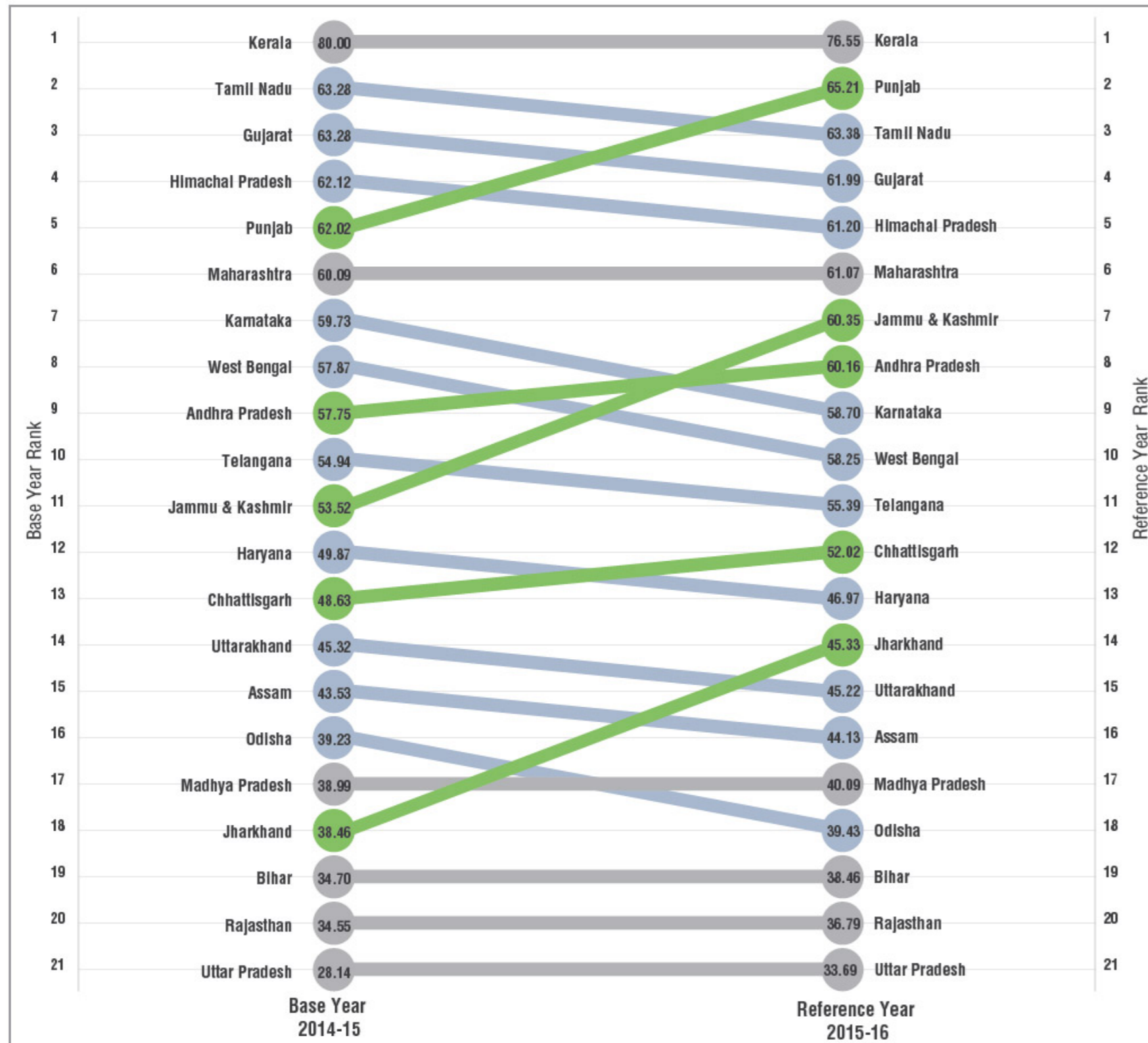
# Multiple Stakeholders





# Key Results

# Larger States: Overall Performance



- Top overall performers:

**Kerala, Punjab and Tamil Nadu**

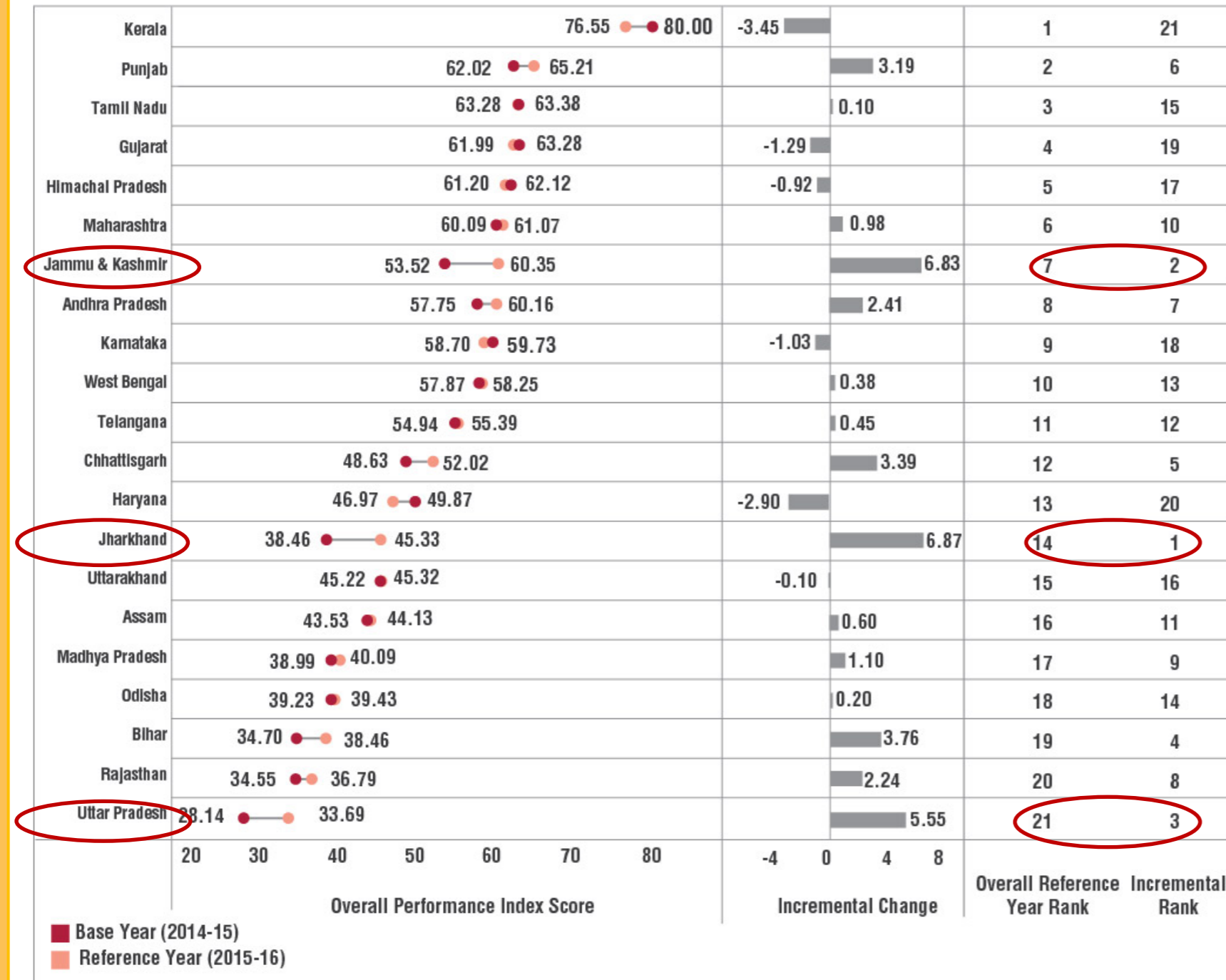
- 5 States improved their position:

**Punjab, Andhra Pradesh, Jammu & Kashmir, Chhattisgarh and Jharkhand**

- 10 States have slipped from their original positions



# Larger States: Overall and Incremental Performance



- Most Improved States: Jharkhand, Jammu & Kashmir and Uttar Pradesh

- 15 States displayed positive incremental change

- Almost all EAG States show positive change

- 6 States have negative incremental annual performance

# Larger States: Categorization on Incremental and Overall Performance

Incremental Performance	Overall Performance		
	Aspirants	Achievers	Front-runners
<b>NOT IMPROVED</b>	Uttarakhand Haryana	Himachal Pradesh Karnataka Gujarat	Kerala
<b>LEAST IMPROVED</b>	Madhya Pradesh Assam Odisha	Maharashtra Telangana West Bengal	Tamil Nadu
<b>MODERATELY IMPROVED</b>	Bihar Rajasthan	Chhattisgarh Andhra Pradesh	Punjab
<b>MOST IMPROVED</b>	Jharkhand Uttar Pradesh	Jammu & Kashmir	

Note: Overall Performance: Categorized on the basis of reference year Index score range: Front-runners-top one-third (Index score >62); Achievers-middle one-third (Index score between 48 and 62), Aspirants-lowest one-third (Index score <48).

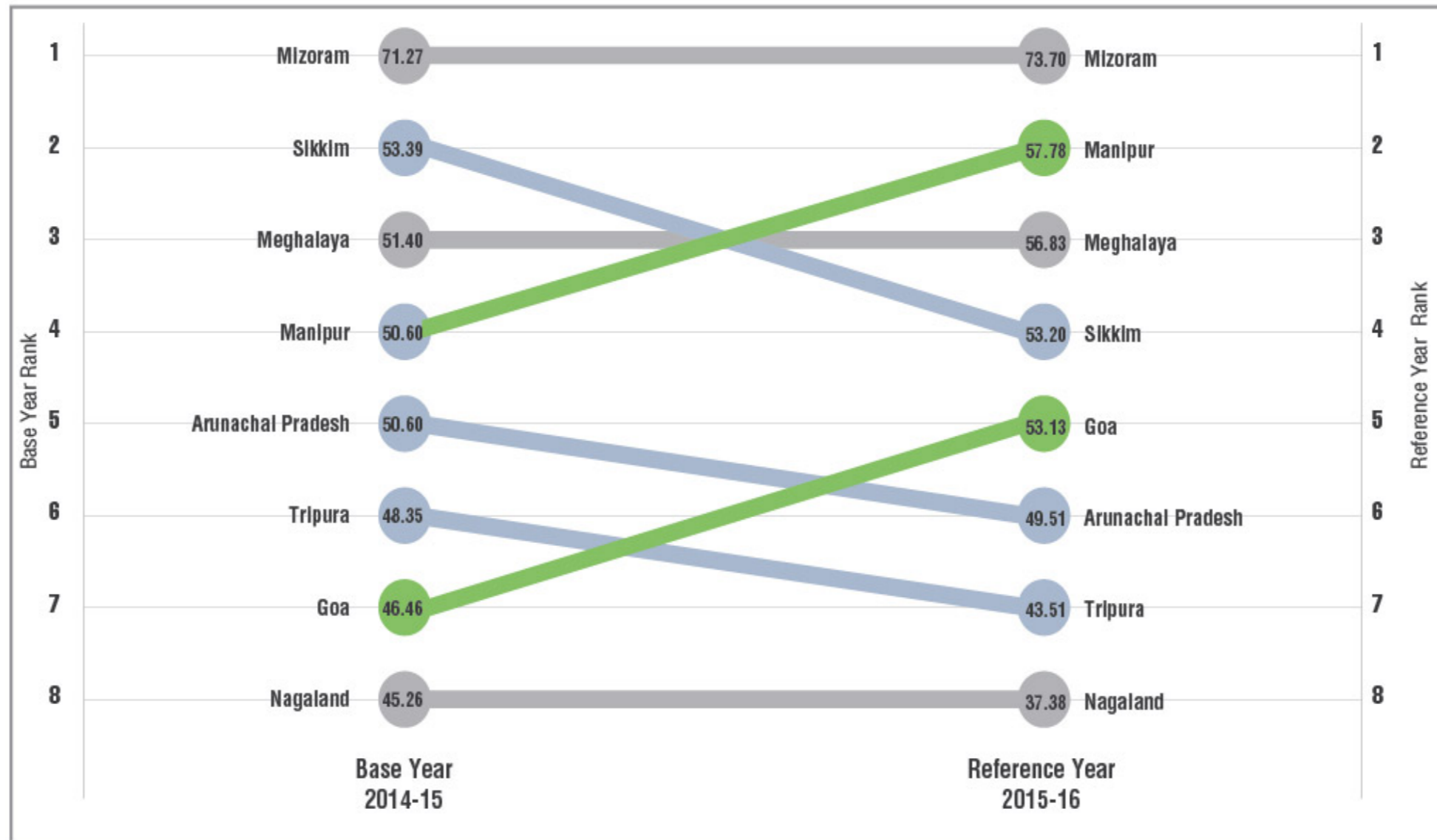
For Incremental Performance: Categorized on the basis of incremental Index score range: 'Not Improved' (incremental Index score <=0), 'Least Improved' (incremental Index score between 0.01 and 2), 'Moderately Improved' (incremental Index score between 2.01 and 4), 'Most Improved' (incremental Index score > 4.0).

# Helping Larger States Understand their Performance

States	1.1.1 NMR (per '000 live births)		1.1.2 U5MR (per '000 live births)		1.1.3 TFR*		1.1.4 LBW (percentage)		1.1.5 SRB (no. of girls born for every 1,000 boys born)	
	BY	RY	BY	RY	BY	RY	BY	RY	BY	RY
Andhra Pradesh	26	24	40	39	1.8	1.7	5.62	6.73	919	918
Assam	26	25	66	62	2.3	2.3	18.19	16.68	918	900
Bihar	27	28	53	48	3.2	3.2	6.70	7.22	907	916
Chhattisgarh	28	27	49	48	2.6	2.5	11.61	12.15	973	961
Gujarat	24	23	41	39	2.3	2.2	10.58	10.51	907	854
Haryana	23	24	40	43	2.3	2.2	14.61	14.90	866	831
Himachal Pradesh	25	19	36	33	1.7	1.7	8.66	12.63	938	924
Jammu Kashmir	26	20	35	28	1.7	1.6	6.33	5.93	899	899
Jharkhand	25	23	44	39	2.8	2.7	7.81	7.42	910	902
Karnataka	20	19	31	31	1.8	1.8	10.76	11.49	950	939
Kerala	6	6	13	13	1.9	1.8	10.81	11.72	974	967
Madhya Pradesh	35	34	65	62	2.8	2.8	14.16	14.10	927	919
Maharashtra	16	15	23	24	1.8	1.8	14.57	13.74	896	878
Odisha	36	35	60	56	2.1	2.0	20.10	19.16	953	950
Punjab	14	13	27	27	1.7	1.7	5.95	6.88	870	889
Rajasthan	32	30	51	50	2.8	2.7	27.43	25.51	893	861
Tamil Nadu	14	14	21	20	1.7	1.6	10.46	13.03	921	911
Telangana	25	23	37	34	1.8	1.8	6.11	5.70	919	918
Uttar Pradesh	32	31	57	51	3.2	3.1	11.74	9.60	869	879
Uttarakhand	26	28	36	38	2.0	2.0	7.77	7.26	871	844
West Bengal	19	18	30	30	1.6	1.6	15.48	16.45	952	951

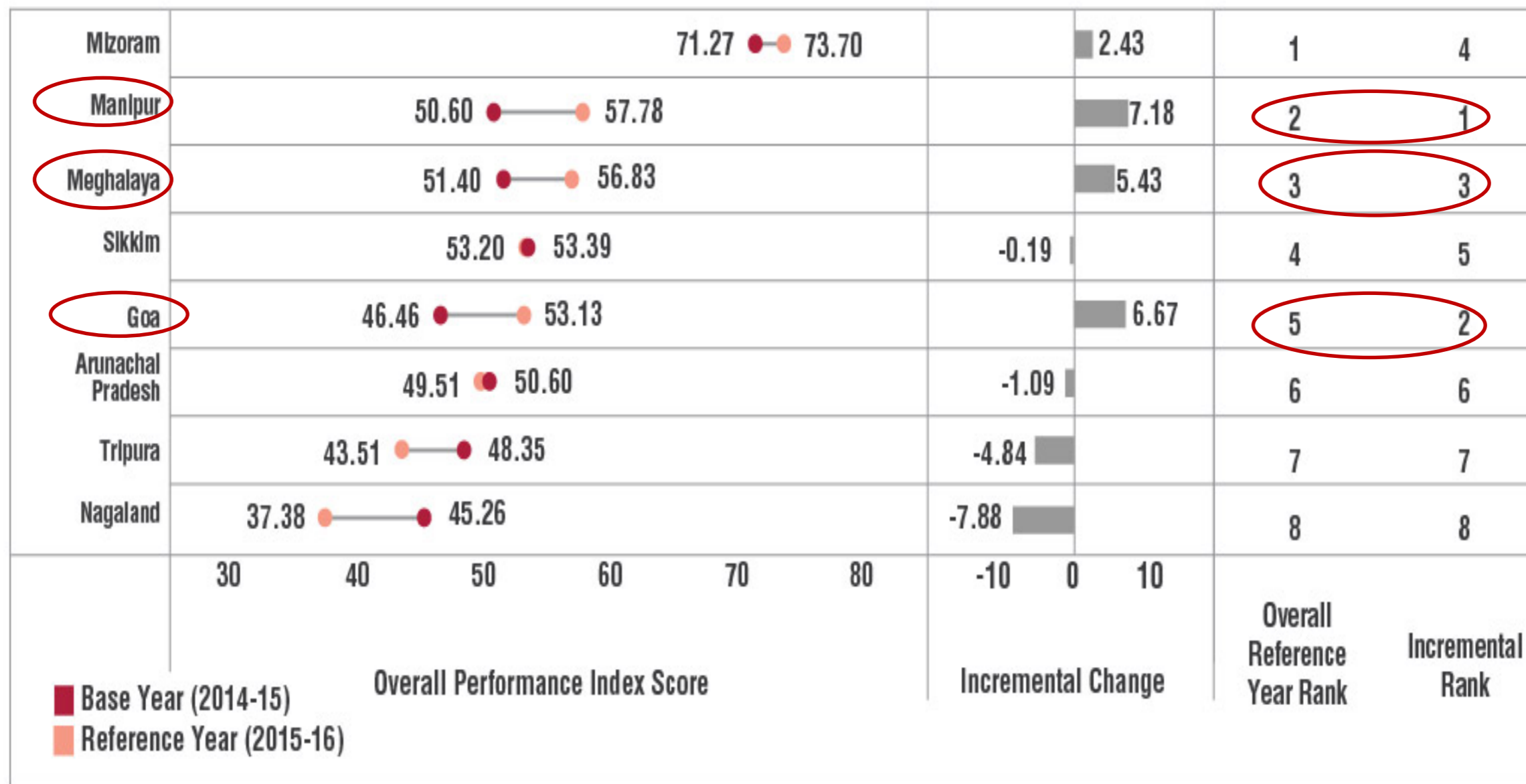


## Smaller States: Overall Performance



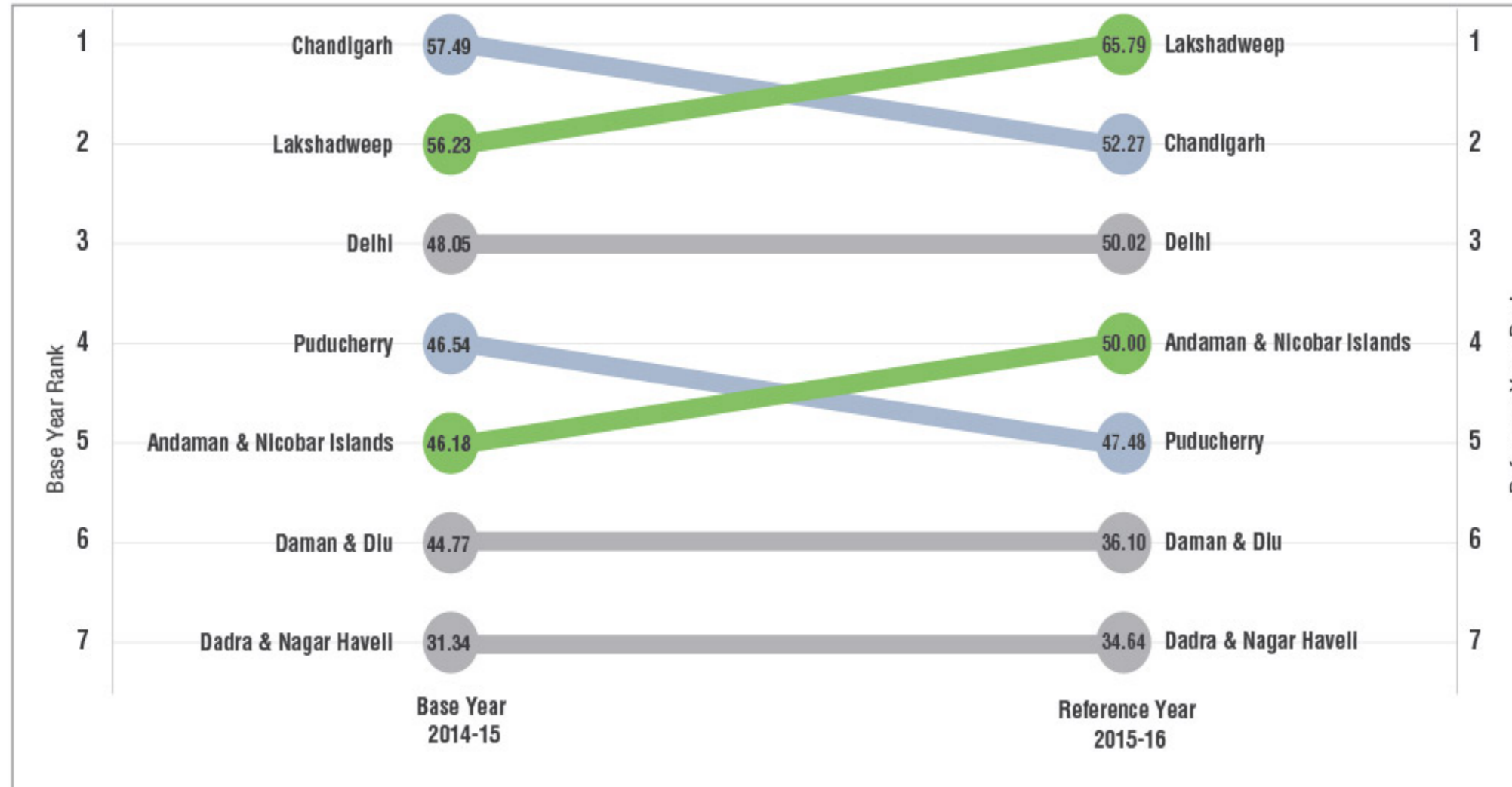
- Top overall performers: Mizoram, Manipur and Meghalaya
- Mizoram retained the top position; Manipur and Goa improved their position

## Smaller States: Overall and Incremental Performance



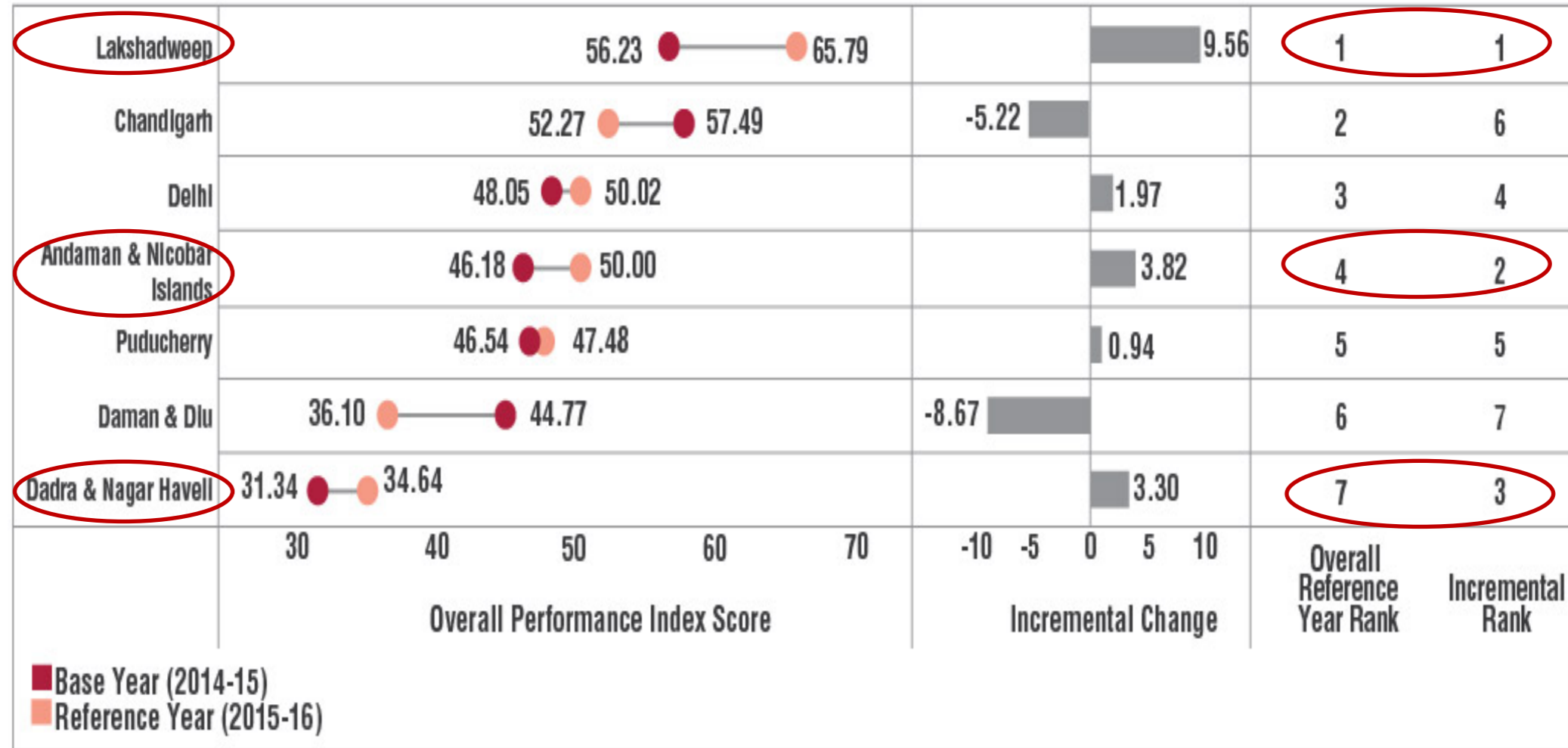
- **Most Improved: Manipur, Goa and Meghalaya**
- **4 States register positive incremental performance**
- **4 States register negative incremental performance**

## Union Territories: Overall Performance



- **Top overall performers: Lakshadweep, Chandigarh and Delhi**
- **Only two UTs - Lakshadweep and Andaman & Nicobar Islands, improved their position from 2014-15 to 2015-16**

# Union Territories: Overall and Incremental Performance



- Top incremental performers: Lakshadweep, Andaman & Nicobar Islands and Dadra & Nagar Haveli
- Lakshadweep observed highest incremental performance of 9.56 points
- Five UTs registered positive incremental progress

# Smaller States and UTs: Categorization on Incremental and Overall Performance

Incremental Performance	Overall Performance		
	Aspirants	Achievers	Front- Runners
<b>NOT IMPROVED</b>	Tripura Nagaland	Sikkim Arunachal Pradesh	-
<b>LEAST IMPROVED</b>	-	-	-
<b>MODERATELY IMPROVED</b>	-	-	Mizoram
<b>MOST IMPROVED</b>	-	Manipur Meghalaya Goa	-
Incremental Performance	Overall Performance		
	Aspirants	Achievers	Front- Runners
<b>NOT IMPROVED</b>	Daman & Diu	Chandigarh	-
<b>LEAST IMPROVED</b>	-	Delhi Puducherry	-
<b>MODERATELY IMPROVED</b>	Dadra & Nagar Haveli	Andaman & Nicobar Islands	-
<b>MOST IMPROVED</b>	-	-	Lakshadweep

Note: Overall Performance: Categorized on the basis of reference year Index score range: Smaller States- Front-runners-top one-third (Index score>61.60), Achievers-middle one-third (Index score between 49.49 and 61.60), Aspirants-lowest one-third (Index score <49.49); UTs- Front-runners-top one-third (Index score >55), Achievers-middle one-third (Index score between 45 and 55), Aspirants-lowest one-third (Index score<45). For Incremental Performance: Categorized on the basis of incremental Index score range: 'Not Improved' (incremental Index score <=0), 'Least Improved' (incremental Index score between 0.01 and 2), 'Moderately Improved' (incremental Index score between 2.01 and 4), 'Most Improved' (incremental Index score > 4.0).



## Conclusions and the Way Forward

- **The Health Index is a useful tool for systematic measurement of annual performance across States and UTs**
  - Sets the foundation for a systematic output and outcome based performance measurement
- **The Index helps to identify areas in which States have improved, stagnated, or declined**
  - Should be used to target interventions
- **Key lessons have emerged that will guide improvement of both the methods and the data to improve the Index**
- **Critical need for improving data systems in health**
  - inclusion of other key indicators
  - periodic availability
  - completeness for private sector providers
- **Moving forward: plans to link incentives under the NHM to performance on the Index**



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