

Effectiveness of on-site training on Good Management practices for poultry transporters in hygienic handling and transport of poultry

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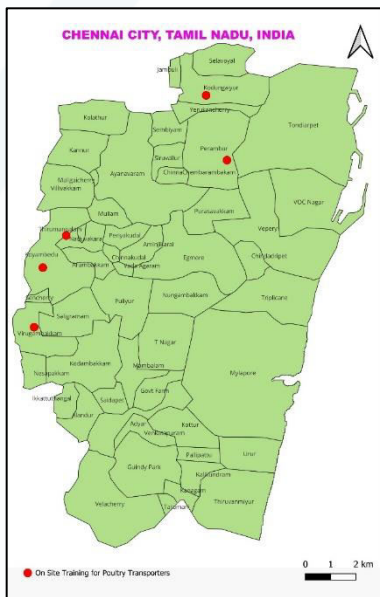


Introduction

- Transportation of poultry places enormous stress on birds.
- Improper handling of birds while loading and unloading results in injuries to the healthy birds.
- Increased Food safety– Focus is on providing safe poultry meat to the consumers

Training Needs

- Addressing poultry welfare to transporters so as to reduce handling and transport stress
- To have positive financial implications for poultry traders and processing sectors (e.g. minimize mortality, maximize yield, enhancing shelf life, etc.), and safeguard product integrity (e.g. food safety).



Methodology

Participants: 50 Poultry Transporters

Gender disaggregation : All males

Place of on-site training : Chennai city

Questionnaire



Pre evaluation
(0th Day)



Post evaluation
(90th Day)



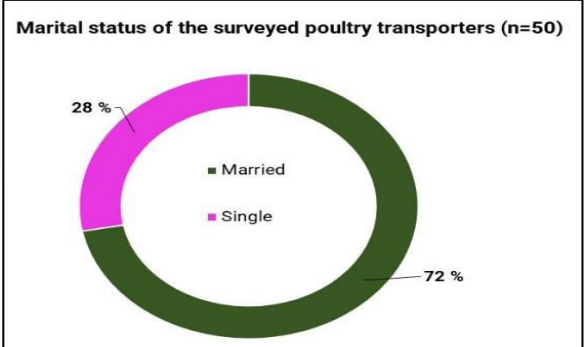
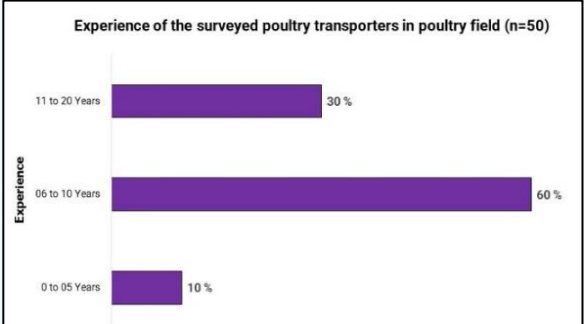
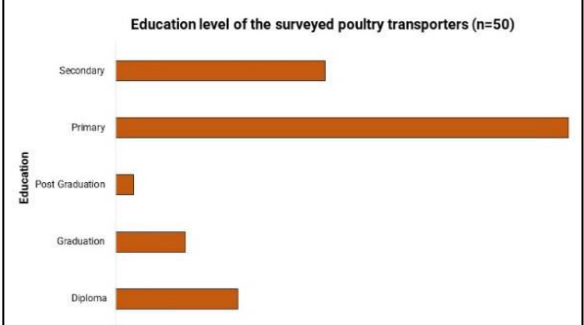
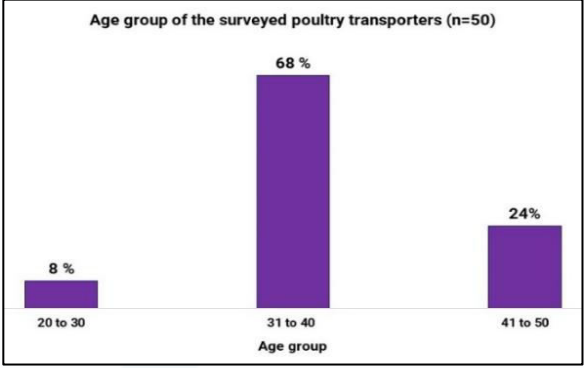
Data analysis

Syllabus covered

- Vehicle hygiene
- Cage hygiene
- Personal Hygiene
- Loading capacity
- Bird handling
- Transport
- Unloading
- Dead bird and litter disposal
- Dos and Don'ts



First of its kind for Poultry bird Transporters in Tamil Nadu



Knowledge gain through On-site biosecurity training programme among the stakeholders involved in live poultry birds transport

(n = 50)

S.No	Test	Mean Score before the training (0 day)	Mean Score after the training (90 days)	d ± SD	"t" value
1	Biosecurity (B)	5.04	9.88	4.84±1.36	6.74**
2	Transport Hygiene (TH)	3.26	8.72	5.46±1.11	6.86**
3	Cage Hygiene (CH)	1.22	2.00	0.78±0.42	6.18**
4	Personal Hygiene (PH)	1.56	2.00	0.44±0.50	4.64**
5	Loading and Unloading (LU)	4.42	7.66	3.24±1.19	6.58**
6	Bird Handling (BH)	2.26	5.64	3.38±1.06	6.68**
7	Dead Bird Disposal (DBD)	1.36	2.70	1.34±0.79	6.03**
	Overall	2.73±1.53	5.51±3.33	2.78±1.98	6.24**

** significant at one per cent level

Recommendations

- The Vehicle hygiene and dead bird disposal need to be addressed periodically to avoid public health issues and disease spread among poultry
- Humane method of bird handling during loading and unloading, and during transport needs to be addressed to improve poultry welfare and public safety in future
- This type of on-site training is the need of the hour for poultry bird transporters.