

## **Socio – Economic Effects of Sugar Mills on Workers**

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### **Abstract**

*This paper analyzes the socio-economic impacts of the Indian sugar cane industry, examining the characteristics of the workforce, pay and working conditions.*

*In this paper we have emphasizes on the socio-economic effect on workers due to sugar mills. For the purpose, we collected the views by samples of 80 permanent and 40 seasonal workers on different socio-economic grounds as employment, Income, standard of living, educational standard, social status etc.*

**Keywords:** *Socio- economic effects, Sugar Mills, Workers*

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## Introduction

Sugar industry is one of the biggest industry in India. It is contributing a lot in socio-economic development of the country. Approximately 3.25 Lac to 3.50 Lac labors are engaged in Sugar Industry in India. But it has been noticed that there is a situation of strike and lockup in Sugar Industry and in other mills on account of which there is state of industrial tension, directly or indirectly. Also, because of being seasonal and agriculture base industry, there is always insecurity of the service. The Industrialists try that the labors should be given only as much salary as they work. During the off season industrialists want that labor should not be given anything. On the other hand, laborers try to get as much as during the running condition and thus, a new industrial dispute arises.

**Objective:** The main objective of this paper is to find out socio-economic effect on workers of Sugar mills in India.

## Research Methodology

To find out the socio-economic effect on workers on sugar mills. We collected the views of 120 workers of three different sugar mills in district Bijnor of U.P. In this way the research paper is based on primary data. The data has been collected from statistical unites on pre-tested schedule specially structure for purpose.

**Analysis of the Data:** The analysis of the data can be classified in the following tables.

- 1. Effect on Income:** The researcher found the effect on income of workers of selected sugar mills. The views of workers are explicit in the table given below:

Respondent(Workers)	Impact of Income			Total
	Affected	Not Affected	Neutral	
Permanent	57(71.3)	15(18.7)	08(10.0)	80(100)
Seasonal	32(80.0)	5(12.5)	03(7.5)	40(100)
<b>Total(over all)</b>	<b>89(74.2)</b>	<b>20(16.6)</b>	<b>11(9.20)</b>	<b>120(100)</b>

(----- Percentage)

After analysis, the table shows the influence of income among different categories, of workers in sugar mills.

Incomes about the permanent worker, 71.3% are affected, 18.7% workers are not affected and 10% workers are neutral.

Incomes about the seasonal workers, 80% workers are affected, 12.5% workers are not affected and 7.5% are neutral. The overall percentages of affected workers are maximum in comparison to other.

**2. Effect of Employment:** – To find the effect of sugar mills on employment, we collected the views of selected workers.

Respondent(Workers)	Impact on Employment			Total
	Affected	Not Affected	Neutral	
Permanent	65(81.3)	10(12.5)	05(6.2)	80(100)
Seasonal	35(87.5)	03(7.5)	02(5.0)	40(100)
Total(over all)	100(83.4)	13(10.8)	07(5.8)	120(100)

(---Percentage)

Above table shows that 81.3% permanent respondents are affected, 12.5% respondent is not affected and 6.2% respondent is neutral. In seasonal respondents, 87.5% workers are affected, 7.5% workers are not affected but 5.0% workers are neutral. So, that overall maximum 83.4% workers are affected, 10.8% workers are not affected and 5.8% workers are neutral.

**3. Effect of standard of living:** The researcher collected the view of the workers about the standard of living.

Respondent(Workers)	Standard of Living			Total
	Affected	Not Affected	Neutral	
Permanent	58(72.5)	08(22.5)	04(5.0)	80(100)
Seasonal	31(77.5)	06(15.0)	03(7.5)	40(100)
Total(over all)	82(47.2)	24(20.0)	07(5.8)	120(100)

(—) Percentage

After analysis, 72.5% permanent workers are affected, 22.5% are not affected and 5% workers are neutral. In case of seasonal workers such as 77.5% workers are affected, 15% are not affected and 7.5% workers say don't know. Overall, 74.2% workers are affected, 20% workers are not affected and 5.8% are neutral.

**4. Effect on Educational Standard:** For the analysis of the effect of educational standard of workers in the sugar mills. The researcher collected the views and present in the table given below –

Respondent(Workers)	Standard of Living			Total
	Affected	Not Affected	Neutral	
Permanent	49(61.3)	14(17.5)	17(21.2)	80(100)
Seasonal	25(62.5)	06(15.0)	09(22.5)	40(100)
Total(over all)	74(61.6)	20(16.0)	26(21.7)	120(100)

(—) Percentage

Above table manifests the educational standard of the selected workers. In case of permanent workers, 61.3% workers are affected, 17.5% are not affected and 21.2% are neutral.

In case of seasonal workers, 62.5% workers are affected, 15% are not affected and 22.5% are neutral respectively. So the overall percentage of affected workers is

maximum in the comparison to other not affected workers.

**5. Effect on Social Status:** The views of selected workers about the social status are given below –

Respondent Workers)	Standard of Living		Neutral	Total
	Affected	Not Affected		
Permanent	46(57.5)	10(20.0)	05(22.5)	80(100)
Seasonal	24(60.0)	10(25.0)	06(15.0)	40100
<b>Total(overall)</b>	<b>70(58.3)</b>	<b>26(21.7)</b>	<b>24(20.0)</b>	<b>120(100)</b>

(—) Percentage

After analysis, the overall percentage of affected worker is maximum in the comparison to other not affected workers.

**6. Effect on Environment:** – The views of selected workers about the effect on environment are given below –

Respondent(Workers)	Impact on Environment			Total
	Affected	Not Affected	Neutral	
Permanent	70(87.5)	06(7.5)	04(5.0)	80(100)
Seasonal	35(87.5)	04(10.0)	01(2.5)	40100
<b>Total(over all)</b>	<b>105(87.5)</b>	<b>13(8.33)</b>	<b>07(4.17)</b>	<b>120(100)</b>

(—) Percentage

Analyzing the table, 87.5% permanent workers say affected, 7.5% not affected and 5% are neutral. In seasonal, 87.5% are also affected, 10% say not affected and 2.5% say neutral. But mostly workers say the environment affected the efficiency of workers.

**Problems of Sugar Mills Workers:** During the time of investigation researcher found the problems of selected sugar mills workers some problems regarding workers are as follows :-

1. The main problem of workers is payment of wages by sugar mills.
2. Long working hour 10-12 hours due to insufficient staff.
3. Adverse working condition which affect the health workers.
4. In sugar mills, the political interference plays a very important role in changing the shift of workers, who have the political approach they are provide the day shift.

**Suggestions:** During the investigation, researcher collected some suggestions; the main suggestions for the enhancement of the industry under study are as follows –

1. Inadequate and uneducated/inexperienced staff appointed in private sugar industry. This will be creating the problem to management. Therefore, it is to be

suggest that in the appointment of the workers proper rules and regulation followed by the appointing authority.

2. The education facilities/education allow once should be needed to the staff.
3. The medical facilities are required to the workers. It may increase the efficiency and deviation about the work in the concern.
4. There is a need to provide the proper food, water housing facilities etc. to the workers to increase the efficiency of the work.

### **Reference:**

1. Kumar, H.L. (1999); *Labor Problems and Remedies Universal Law Pub. Co. Pvt. Ltd., Delhi.*
2. Saxena, R.C. (2006); *Labor Problems and Social Welfare, Kedar Nath and Co. Meerut.*
3. *Economic and Political Weekly March 2016.*
4. Vishwanathan R, De Monte AJH, Shivpuri DN, Venkitasubramoni TA. *Bagassosis-A Study of Pulmonary function. Ind J Med Res 1963; 51: 563-693.*
5. Niar KV, Das KV. *Bassosis-A case report, J Ass Phycs Ind, 1970; 18(6): 573-75.*
6. Somasundaram KV, Bangal VB. *Living and health conditions of migratory sugarcane harvest workers of Ahmednagar district in Maharashtra. Int J Biomed Advan Res 2012; 3(2):70-6.*
7. Singh A, Singh M, Kaur A. *Musculoskeletal disorders in repetitive manual lifting and carrying of 50 kg load: a case study of sugar mill. Int J Engine Tech Res 2014; 2(4): 146-9.*
8. Choobineh A, Tabatabaee SH, Behzadi M. *Musculoskeletal problems among workers of an iranian sugar-producing factory. Int J Occup Safe Ergon 2009; 15(4): 419-24.*
9. Rossi-Rocha F, Palucci Marziale M, do Carmo Cruz Robazzi M. *Poverty as a predisposing factor of illness tendencies in sugarcane workers. Rev Latino-Am 2007; 15: 736-41.*
10. *Trabanino RG, Aguilar R, Silva CR, et al. End-stage renal disease among patients in a referral hospital in Gourab Biswas et al / A review on the occupational health of sugar cane workers 570 IJBR (2016) 7(08) www.ssjournals.com El Salvador. Rev Panam Salud Publica 2002; 12(3): 202-6.*

11. Laws RL, Brooks DR, Amador JJ, et al. *Changes in kidney function among Nicaraguan sugarcane workers. Int J Occup Environ Health* **2015; 21: 241–50.**

12. Vasave SY, Anap DB. *Prevalance of musculoskeletal disorders among sugarcane workers – A cross sectional study. Ind J Basic Appl Mel Res* **2016: 5(2):756-62.**