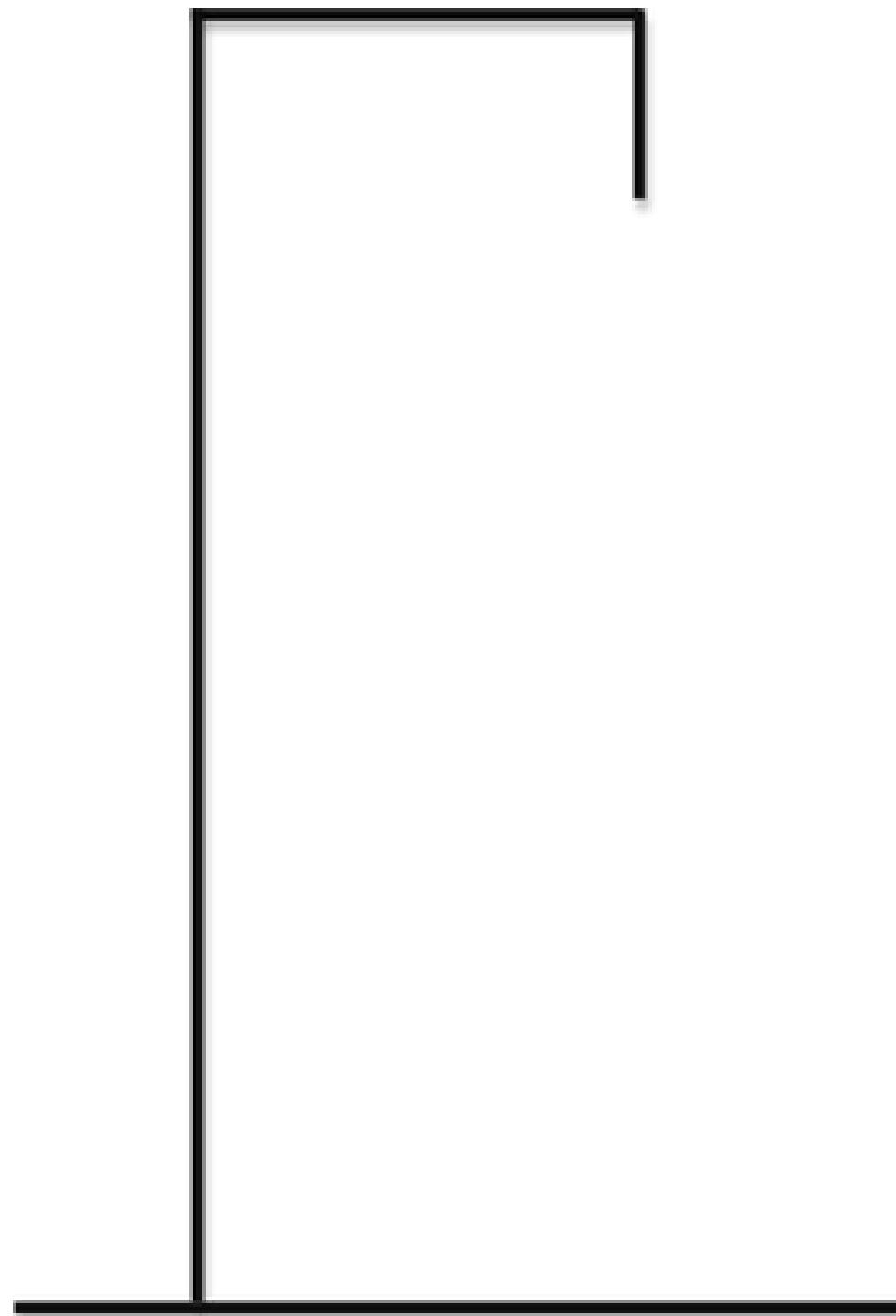


HANGMAN



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

3.4%
Rise in
Cases

139,123
Suicides reported
in the Year **2019**

Maharashtra
records highest
no of suicides
18,916



The Times of India
New Delhi
23 Dec 2014

Farmer suicides on rise: IB report

BhartiAajka@timesgroup.com

New Delhi: There has been an upward trend in cases of farmer suicides in Maharashtra, Telangana, Karnataka and Punjab recently, besides reporting of instances in Gujarat, Uttar Pradesh and Tamil Nadu, said an Indian Bureau of Investigation note submitted to the Modi government late last week.

The December 19 report, prepared to national security adviser Ajit Kumar Doval, principal secretary to the PM, Nripendra Mishra, and agriculture ministry among others, has put the blame on the erratic monsoon (at the time) stating that the standing loans, rising debt, low crop yield, poor procurement failure have mainly been

AT THE RECEIVING END

- Cases of farmers' suicides have been reported from Maharashtra, Telangana, Karnataka and Punjab
- Outstanding loans, rising debt, low crop yield, poor procurement rate of crops and successive crop failure have mainly been

► In all these states, major crops grown are cash crops mainly cotton and sugarcane requiring sizeable financial input

► Money lenders continue to offer loans at interest rates between 24% to 50% while income generating potential of the land remained low

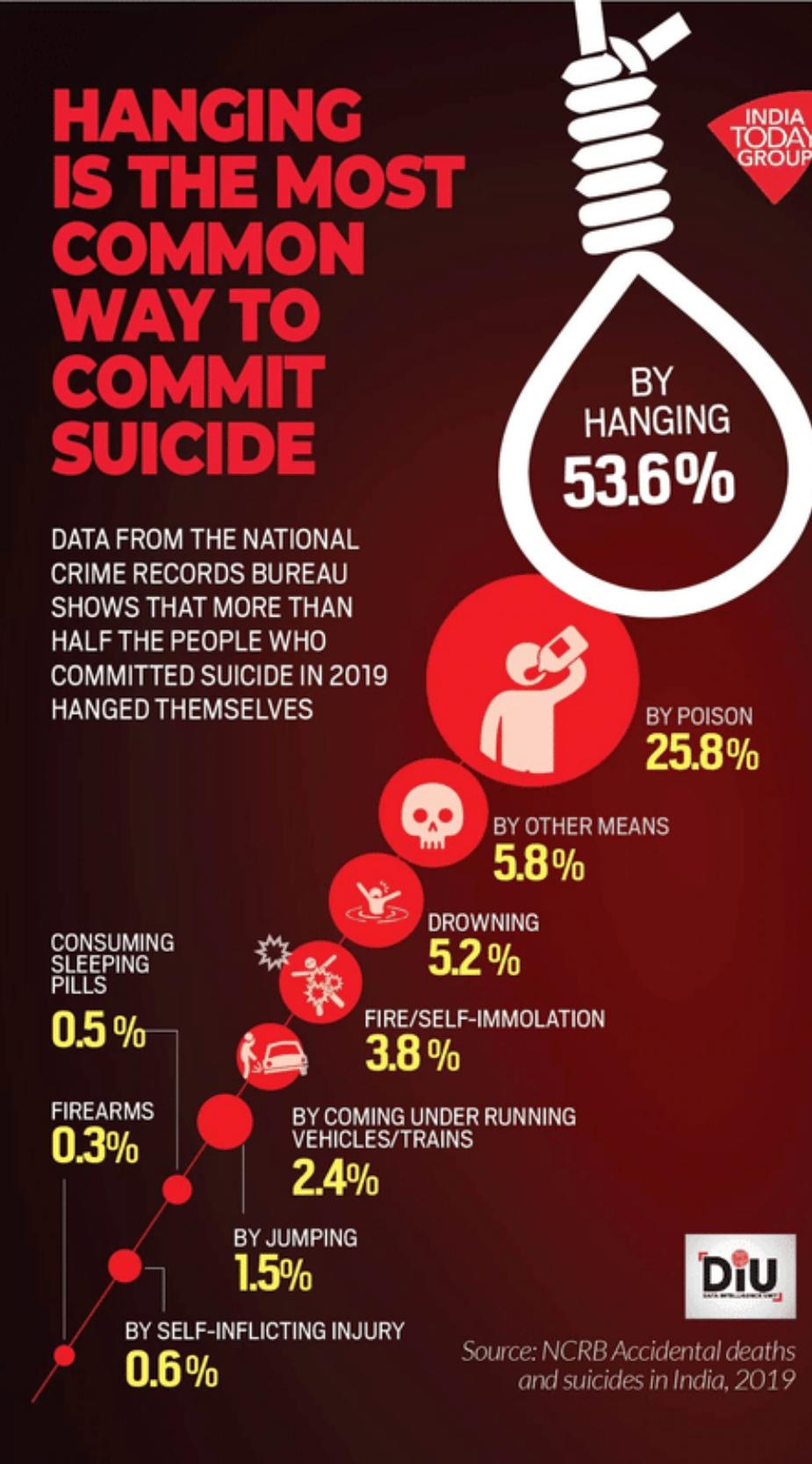
It also linked the agriculturalists' woes to a depleted water table, unsuitable macroeconomic policies with respect to imports, non-farm loans and faulty prices of import and export.

natural factors like uneven rains, hailstorm, drought and floods adversely affect crop yields, mismatched policies like pricing policies and inadequate marketing facilities result in post-yield losses".

of Suicides by Farmers' emphasized how government relief packages are of limited use as they do not address the plight of those who borrow from private money-lenders. "The money lenders continue to offer loans at interest rates of 24-50%, while income generating potential of the land has remained low and adverse to weather conditions," the IB pointed out.

It observed that though loan waivers and relief packages may mitigate farmers' distress in the short run, "the problem requires a comprehensive solution that addresses crop yield, availability of farm inputs and loan, assured irrigation, seed storage and marketing facilities and fair pricing policies".

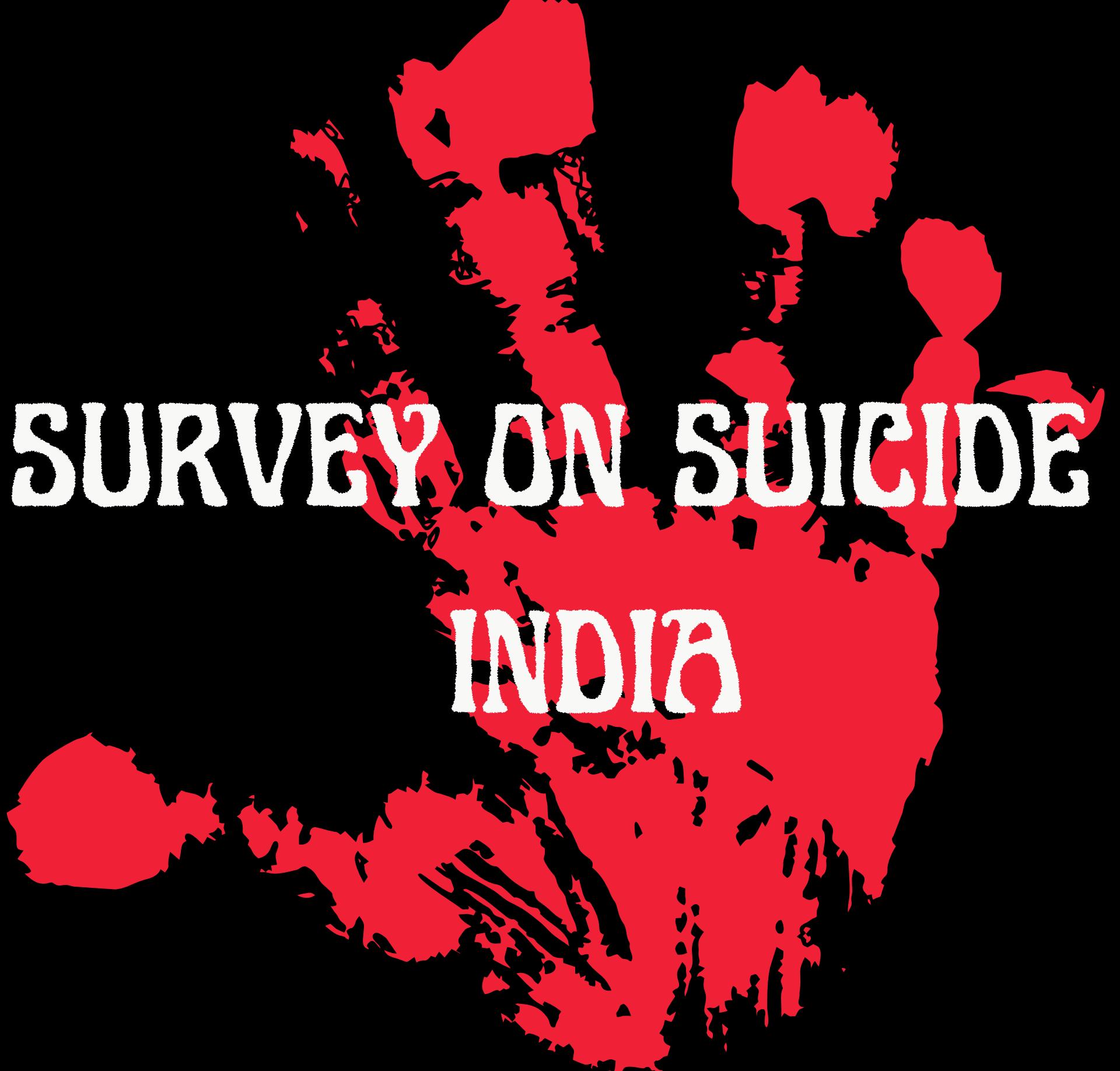
For the full report, log on



The poster has a dark, moody aesthetic. At the top, a woman's face is shown in profile, her head bowed and hands clasped together in a gesture of despair or suicide. Below her, a bright red noose hangs against a black background, its glow illuminating the surrounding area. The background is filled with vertical, textured bands of various colors, including shades of grey, teal, gold, and blue, resembling a stack of books or a wall of panels.

MINISTRY OF HOME AFFAIRS REPORTED 9474 RECORDED STUDENT SUICIDES IN 2017

NOT THE SOLUTION



**TOPIC : SURVEY ON SUICIDE RATES IN
INDIA**

ANALYSIS-01: CASE-01

PROFESSION-WISE DISTRIBUTION OF SUICIDES

2015



2019

2015

**Profession - wise Distribution of Suicides during 2015
(All India)**

Sl. No.	Profession	Male	Female	Transgender	Total	Percentage Share
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	House wife	0	22293	0	22293	16.7
2	Professionals/Salaried Persons (Total)	9265	1306	0	10571	7.9
2.1	Government Servants (Total)	1380	265	0	1645	1.2
2.1.1	Central/UT Govt. Servants	303	50	0	353	0.3
2.1.2	State Govt. Servants	760	163	0	923	0.7
2.1.3	Other Statutory Body/etc.	317	52	0	369	0.3
2.2	Private Sector Enterprises	6351	847	0	7198	5.4
2.3	Public Sector Undertaking	1534	194	0	1728	1.3
3	Students	4687	4247	0	8934	6.7
4	Unemployed Persons	9381	1529	2	10912	8.2
5	Self-employed Persons (Total)	11124	1061	0	12185	9.1
5.1	Business (Total)	8050	730	0	8780	6.6
5.1.1	Vendor	2436	188	0	2624	2.0
5.1.2	Tradesmen	2300	157	0	2457	1.8
5.1.3	Other Business	3314	385	0	3699	2.8
5.2	Other Self-employed Persons	3074	331	0	3405	2.5
6	Persons Engaged in Farming Sector	11584	1018	0	12602	9.4
6.1	Farmers/Cultivators	7566	441	0	8007	6.0
6.1.1	who cultivate their own land with or without assistance of agricultural labourers	6722	392	0	7114	5.3
6.1.2	who cultivate on lease land/ work on lease/on other's land (known by different nomenclature) with or without assistance of agricultural labourers	844	49	0	893	0.7
6.2	Agricultural Labourers	4018	577	0	4595	3.4
7	Daily Wage Earner	20409	3388	2	23799	17.8
8	Retired Persons	912	103	0	1015	0.8
9	Other Persons	24166	7143	3	31312	23.4
10	Total	91528	42088	7	133623	100.0

2019

**Profession-wise Distribution of Suicides during 2019
(All India)**

Sl. No.	Profession	Male	Female	Transgender	Total	Percentage Share
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	House wife	0	21359	0	21359	15.4
2	Professionals/Salaried Persons (Total)	11222	1503	0	12725	9.1
2.1	Government Servants (Total)	1428	256	0	1684	1.2
2.1.1	Central/UT Govt. Servants	254	53	0	307	0.2
2.1.2	State Govt. Servants	835	133	0	968	0.7
2.1.3	Other Statutory Body/etc.	339	70	0	409	0.3
2.2	Private Sector Enterprises	7799	931	0	8730	6.3
2.3	Public Sector Undertaking	1995	316	0	2311	1.7
3	Students	5562	4772	1	10335	7.4
4	Unemployed Persons	11599	2416	4	14019	10.1
5	Self-employed Persons (Total)	14319	1777	2	16098	11.6
5.1	Business (Total)	8477	574	1	9052	6.5
5.1.1	Vendor	3066	285	0	3351	2.4
5.1.2	Tradesmen	2798	107	1	2906	2.1
5.1.3	Other Business	2613	182	0	2795	2.0
5.2	Other Self-employed Persons	5842	1203	1	7046	5.1
6	Persons Engaged in Farming Sector	9312	969	0	10281	7.4
6.1	Farmers/Cultivators	5563	394	0	5957	4.3
6.1.1	who cultivate their own land with or without assistance of agricultural labourers	4801	328	0	5129	3.7
6.1.2	who cultivate on leased land/work on lease/on other's land (known by different nomenclature) with or without assistance of agricultural labourers	762	66	0	828	0.6
6.2	Agricultural Labourers	3749	575	0	4324	3.1
7	Daily Wage Earner	29092	3467	4	32563	23.4
8	Retired Persons	1177	125	0	1302	0.9
9	Other Persons	15330	5105	6	20441	14.7
10	Total	97613	41493	17	139123	100.0

REFERENCE: <https://ncrb.gov.in/en/crime-india>:

BASE YEAR - 2015

CURRENT YEAR - 2019

Q01:Quantity index number

q0i:Quantity in current year

q0j: Quantity in base year



SI No.	Profession	2015	2019
1	House Wife	22293	21359
2	Professionals/salaried Persons	10571	12725
3	Students	8934	10335
4	Unemployed Persons	10912	14019
5	Self-Employed Persons	12185	16098
6	Persons Engaged in farming sector	12602	10281
7	Daily Wage Earner	23799	32563
8	Retired persons	1015	1302
9	Other persons	31312	20441
10	TOTAL	133623	139123

Aggregate quantity index number= $Q01 = qoi/qoj * 100$

$$Q01 = 139123/133623 * 100$$

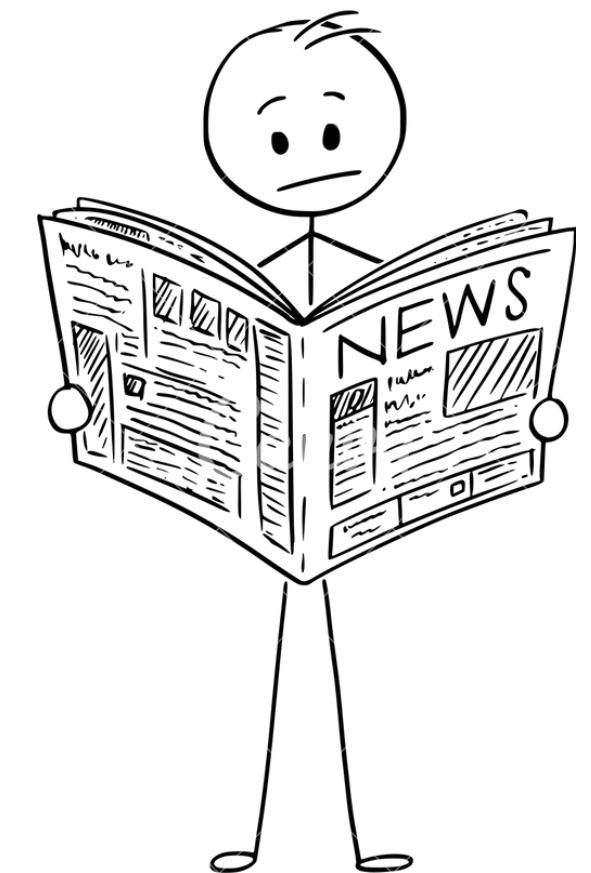
104.1160579

4.116057864

TOOL USED: INDEX NUMBERS

CONCLUSION:

THERE IS A INFLATION OF **4%**
IN THE **SUICIDE RATE** IN
2019 COMPARED TO 2015.



CASE-02

PROFESSION-WISE DISTRIBUTION OF SUICIDES

2015



2020

2015

**Profession - wise Distribution of Suicides during 2015
(All India)**

Sl. No.	Profession	Male	Female	Transgender	Total	Percentage Share
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	House wife	0	22293	0	22293	16.7
2	Professionals/Salaried Persons (Total)	9265	1306	0	10571	7.9
2.1	Government Servants (Total)	1380	265	0	1645	1.2
2.1.1	Central/UT Govt. Servants	303	50	0	353	0.3
2.1.2	State Govt. Servants	760	163	0	923	0.7
2.1.3	Other Statutory Body/etc.	317	52	0	369	0.3
2.2	Private Sector Enterprises	6351	847	0	7198	5.4
2.3	Public Sector Undertaking	1534	194	0	1728	1.3
3	Students	4687	4247	0	8934	6.7
4	Unemployed Persons	9381	1529	2	10912	8.2
5	Self-employed Persons (Total)	11124	1061	0	12185	9.1
5.1	Business (Total)	8050	730	0	8780	6.6
5.1.1	Vendor	2436	188	0	2624	2.0
5.1.2	Tradesmen	2300	157	0	2457	1.8
5.1.3	Other Business	3314	385	0	3699	2.8
5.2	Other Self-employed Persons	3074	331	0	3405	2.5
6	Persons Engaged in Farming Sector	11584	1018	0	12602	9.4
6.1	Farmers/Cultivators	7566	441	0	8007	6.0
6.1.1	who cultivate their own land with or without assistance of agricultural labourers	6722	392	0	7114	5.3
6.1.2	who cultivate on lease land/ work on lease/on other's land (known by different nomenclature) with or without assistance of agricultural labourers	844	49	0	893	0.7
6.2	Agricultural Labourers	4018	577	0	4595	3.4
7	Daily Wage Earner	20409	3388	2	23799	17.8
8	Retired Persons	912	103	0	1015	0.8
9	Other Persons	24166	7143	3	31312	23.4
10	Total	91528	42088	7	133623	100.0

2020

**Profession-wise Distribution of Suicides during 2020
(All India)**

Sl. No.	Profession	Male	Female	Transgender	Total	Percentage Share
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	House wife	0	22372	2	22374	14.6
2	Professionals/Salaried Persons (Total)	12890	1935	0	14825	9.7
2.1	Government Servants (Total)	1675	382	0	2057	1.3
2.1.1	Central/UT Govt. Servants	342	97	0	439	0.3
2.1.2	State Govt. Servants	918	171	0	1089	0.7
2.1.3	Other Statutory Body/etc.	415	114	0	529	0.3
2.2	Private Sector Enterprises	9023	1143	0	10166	6.6
2.3	Public Sector Undertaking	2192	410	0	2602	1.7
3	Students	6967	5559	0	12526	8.2
4	Unemployed Persons	12893	2754	5	15652	10.2
5	Self-employed Persons (Total)	15990	1340	2	17332	11.3
5.1	Business (Total)	10963	752	1	11716	7.7
5.1.1	Vendor	3841	384	1	4226	2.8
5.1.2	Tradesmen	4204	152	0	4356	2.8
5.1.3	Other Business	2918	216	0	3134	2.0
5.2	Other Self-employed Persons	5027	588	1	5616	3.7
6	Persons Engaged in Farming Sector	9956	721	0	10677	7.0
6.1	Farmers/Cultivators	5335	244	0	5579	3.6
6.1.1	who cultivate their own land with or without assistance of agricultural labourers	4737	203	0	4940	3.2
6.1.2	who cultivate on leased land/work on lease/on other's land (known by different nomenclature) with or without assistance of agricultural labourers	598	41	0	639	0.4
6.2	Agricultural Labourers	4621	477	0	5098	3.3
7	Daily Wage Earner	33164	4493	9	37666	24.6
8	Retired Persons	1330	127	0	1457	1.0
9	Other Persons	15342	5197	4	20543	13.4
10	Total	108532	44498	22	153052	100.0

BASE YEAR - 2015

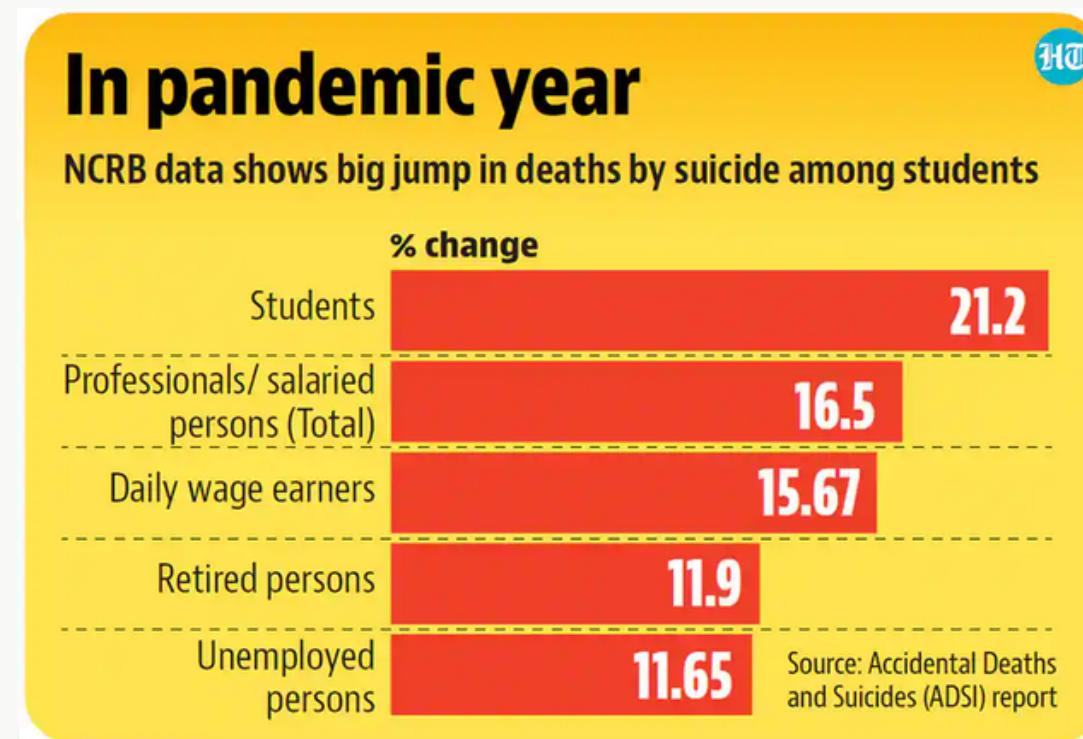
CURRENT YEAR - 2020

Q01:Quantity index number

q0i:Quantity in current year

q0j: Quantity in base year

SI No.	Profession	2015	2020
1	House Wife	22293	22374
2	Professionals/salaried Persons	10571	14825
3	Students	8934	12526
4	Unemployed Persons	10912	15652
5	Self-Employed Persons	12185	17332
6	Persons Engaged in farming sector	12602	10677
7	Daily Wage Earner	23799	37666
8	Retired persons	1015	1457
9	Other persons	31312	20543
10	TOTAL	133623	153052

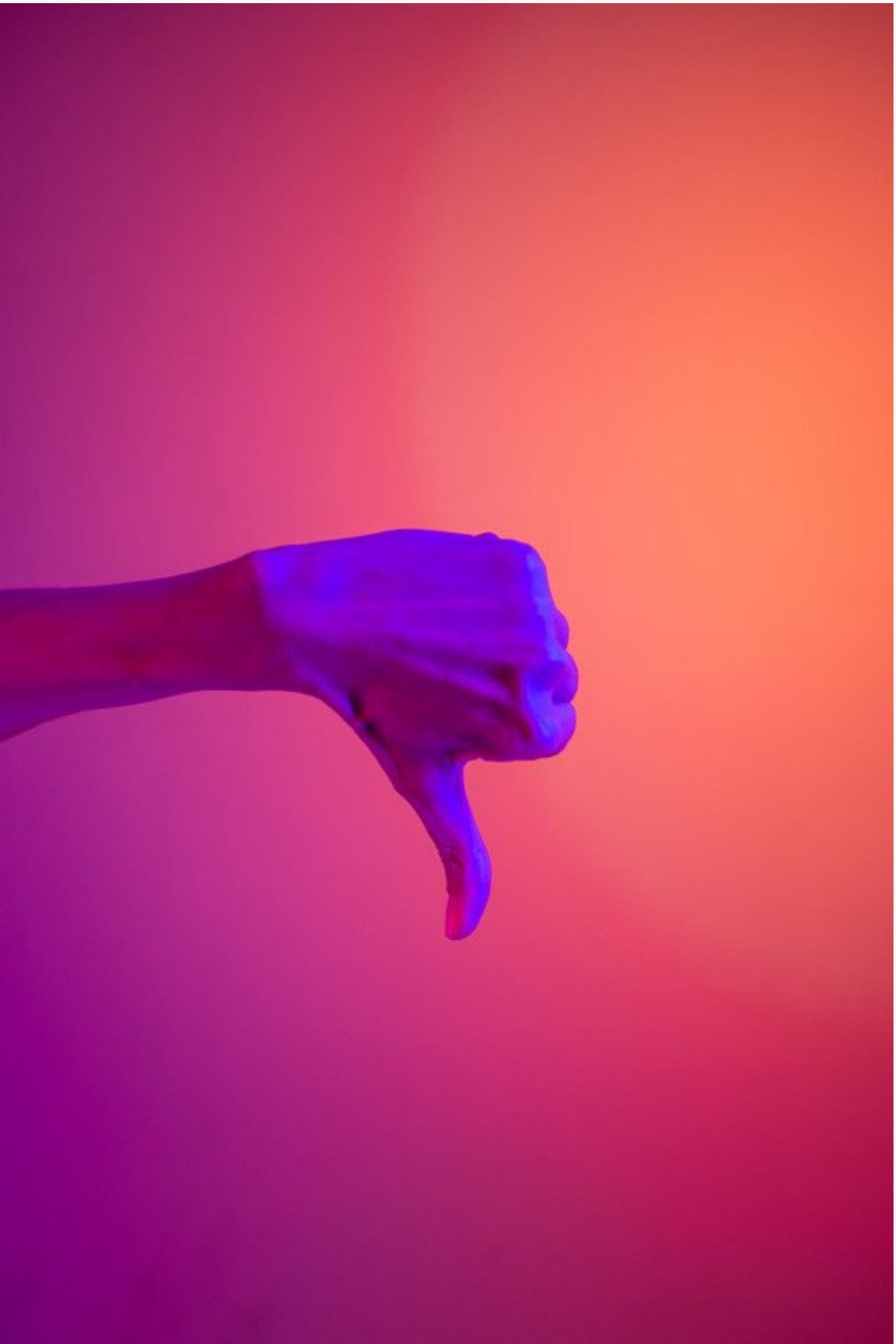


Aggregate quantity index number= $Q01=qoi/qoj * 100$

$$Q01=153052/133623 * 100$$

114.5401615

14.5401615

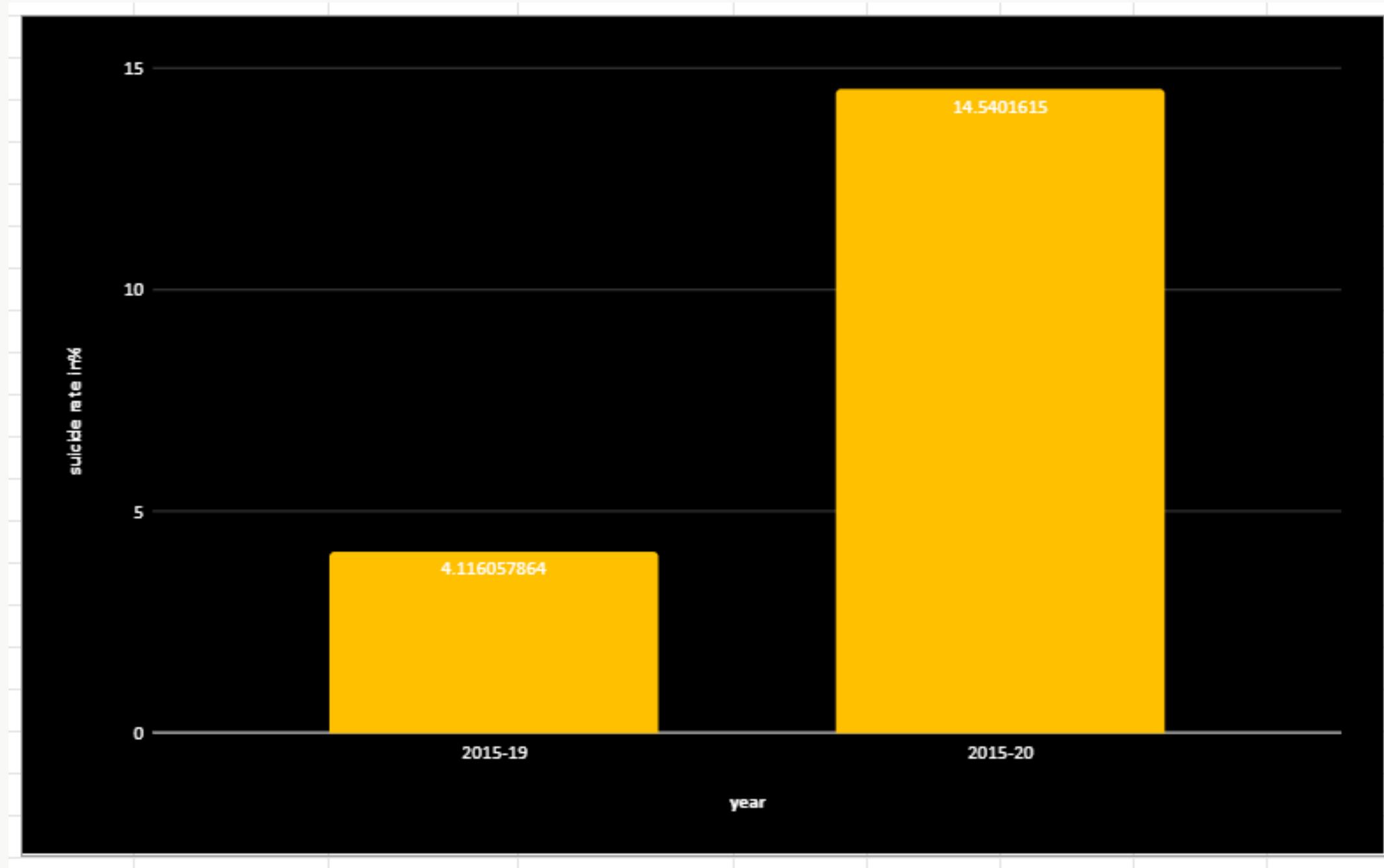
A photograph of a person's hand, palm facing forward, giving a thumbs-down gesture. The hand is set against a background that transitions from dark red at the bottom to bright orange at the top.

CONCLUSION:

THERE IS A INFLATION OF
14% IN THE **SUICIDE RATE** IN
2020 COMPARED TO 2015.

COMPARISON

YEAR	2015-19	2015-20
SUICIDE RATE	4.116057864	14.5401615



TOOL: DATA PRESENTATION

CONCLUSION:



**THERE IS AN
INFLATION OF 10% IN
COMPARING THE
RESULTS OF 2015-
2019 AND 2015-2020.**

31 Children Died By Suicide Every Day In India In 2020

According to the National Crime Records Bureau data, 11,396 children died by suicide in 2020, an 18 per cent rise from 9,613 such deaths in 2019 and 21 per cent rise from 9,413 in 2018.

All India | Press Trust of India | Updated: October 31, 2021 4:59 pm IST

Family problems are the most common reason for deaths by suicide in India

REASONS FOR SUICIDES

According to an [NCRB](#) report on "Accidental Deaths and Suicides in India" for the year 2020 released on Thursday, family problems, marriage-related problems and illness together accounted for 56.7% of the total suicides in the country; these three causes had contributed to 55% of the suicides in 2019.

Delhi reported a sharp 24.8% increase in suicides in 2020 as compared to 2019, while Bengaluru and Mumbai recorded 5.5% and 4.3% rise.

Maximum suicides (19,909) were reported in Maharashtra, which also accounted for 38.2% of the total suicides in the country in the farming sector. Suicides by the unemployed rose highest in Kerala (14%); [Maharashtra](#) (10.8%) and [Tamil Nadu](#) (9.8%) in 2020 as compared to 2019.

Suicide by hanging was the chosen method for 57.8% victims; followed by consuming poison (25%) and drowning (5.2%).

Overall male to female ratio of suicide victims was 70.9:29.1.

Among the suicide victims, 7% were from the farm sector (down from 7.4% in 2019), 10.2% were unemployed (up from 10.1%), 11.3% were self-employed (down from 11.6%) and 24.6% were daily wagers (up from 23.4%).





DNA

ANALYSIS-02

STUDENTS SUICIDE RATE FROM 2010-2020

PRESSURE OF PERFECTION?

One student commits suicide every 55 minutes in India

In academic year 2017-18, more than 150 students across AP and Telangana committed suicide

In Hyderabad, more than 30 students committed suicide in academic year 2017-18

20% of city students in a single class are suffering from anxiety & depression

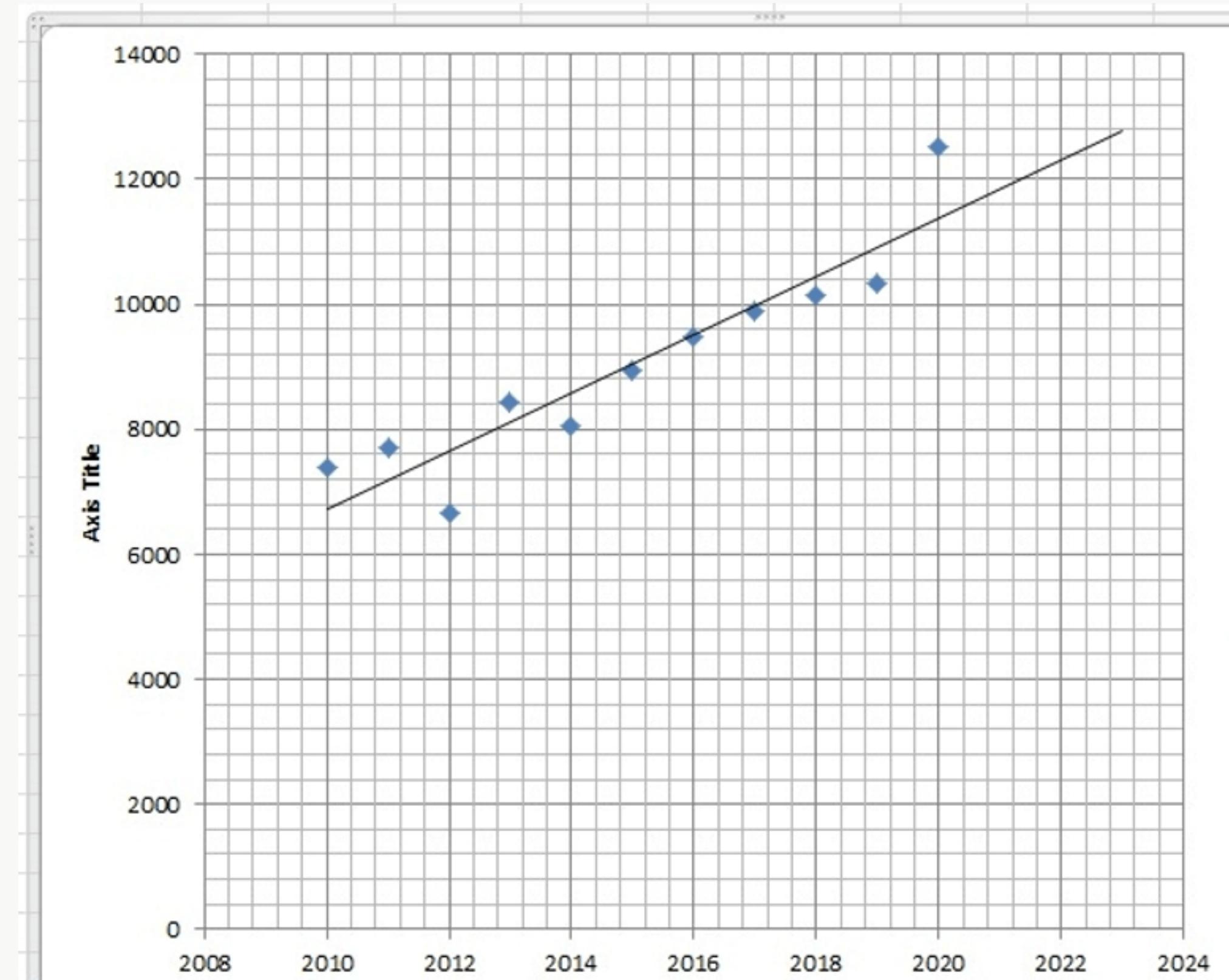
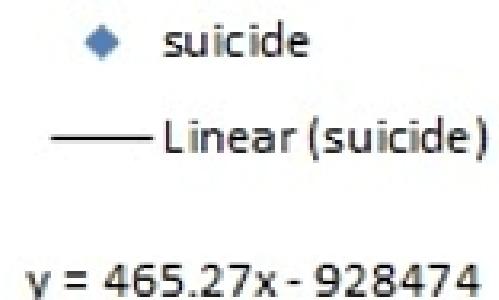
WARNING SIGNS

- Isolation from family and friends
- Drastic changes in mood and behaviour (extreme fear, sadness, irritability)
- Changes in sleeping and eating habits
- Engaging in risky behaviours
- Self-harm
- Drug and alcohol use
- Showing less interest in activities they previously enjoyed

According to statistics, over the past three years more than 26,000 students have committed suicide across India. A majority of student suicides are caused by underlying psychiatric factors such as stress, depression and anxiety. It could result from difficulty in coping with academics, unrealistic expectations and pressure from parents and lack of support from peers. It is very important to identify the illness at an early stage and consult a mental health professional

—Dr Virinchi Sharma | A PSYCHIATRIST

years	suicide
2010	7379
2011	7696
2012	6654
2013	8423
2014	8068
2015	8934
2016	9478
2017	9905
2018	10159
2019	10335
2020	12526



$$y=465.27*x-928474$$

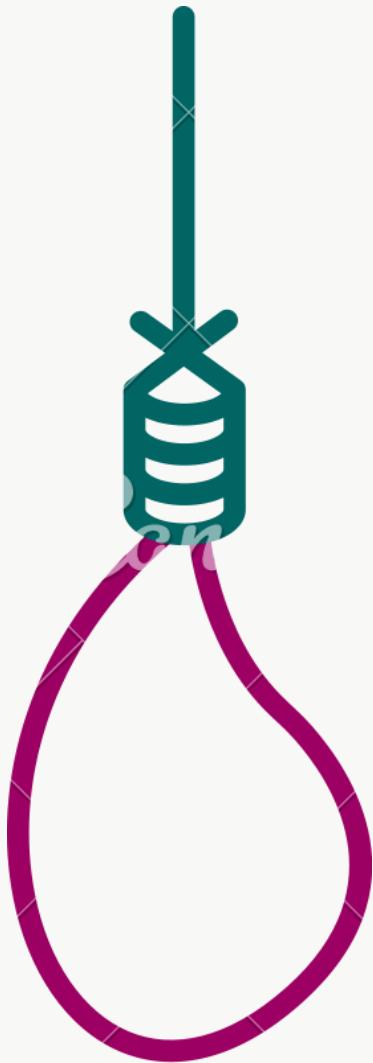
For the year 2021 the suicide rate:

$$x=2021$$

$$y=465.27*(2021)-928474$$

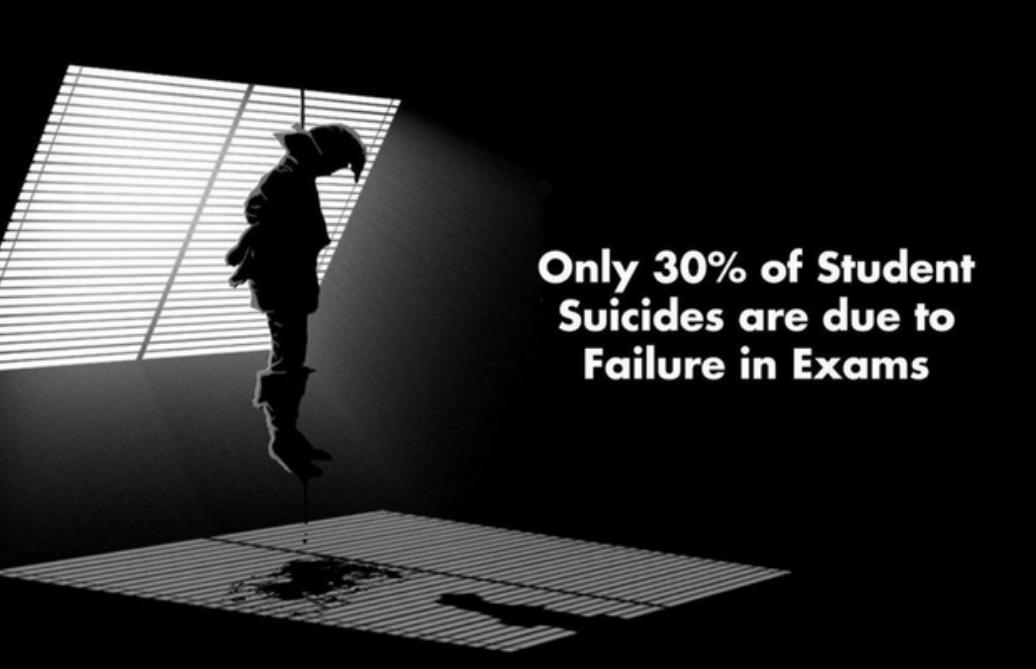
$$y=11695.2 \sim 11695$$



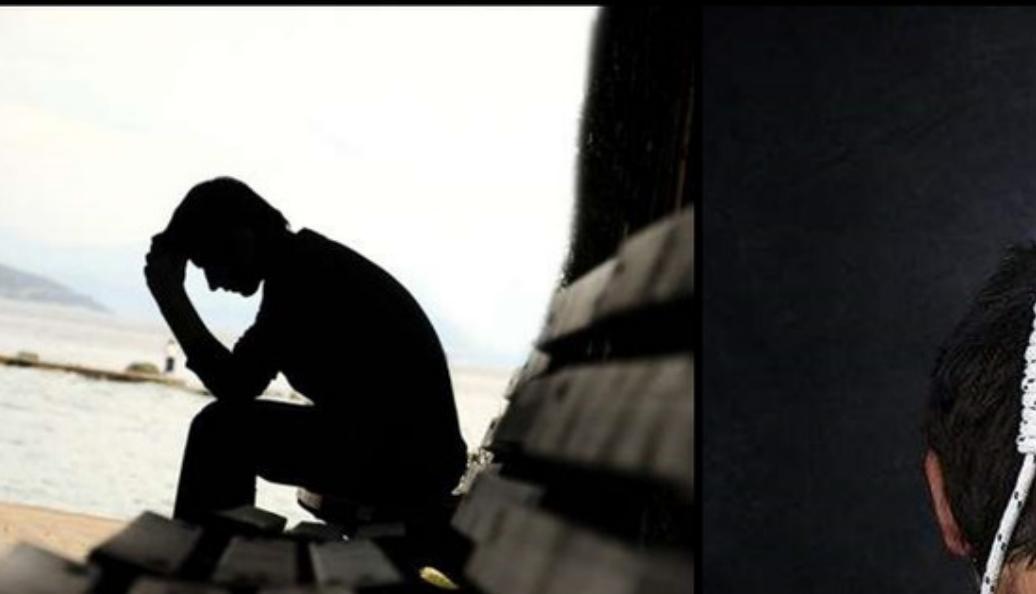


CONCLUSION:

Using the suicide rates of the previous 10 years, we predict that there might be 11,695 suicides in the year 2021.



Only 30% of Student Suicides are due to Failure in Exams



CBSE student commits suicide even after scoring 92%

PRESSURE OF PERFECTION?

One student commits suicide every 55 minutes in India

In academic year 2017-18, more than 150 students across AP and Telangana committed suicide

In Hyderabad, more than 30 students committed suicide in academic year 2017-18

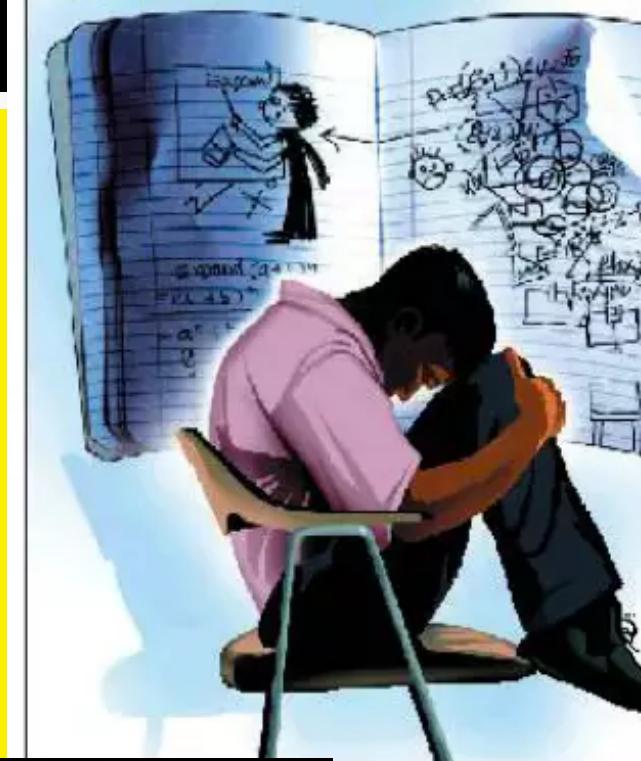
20% of city students in a single class are suffering from anxiety & depression

Suicide incidence rate per 1,00,000 population for those below the age of 14 is 0.5

Suicide incidence rate per 1,00,000 population for those in 14-17 age bracket is 9.52

WARNING SIGNS

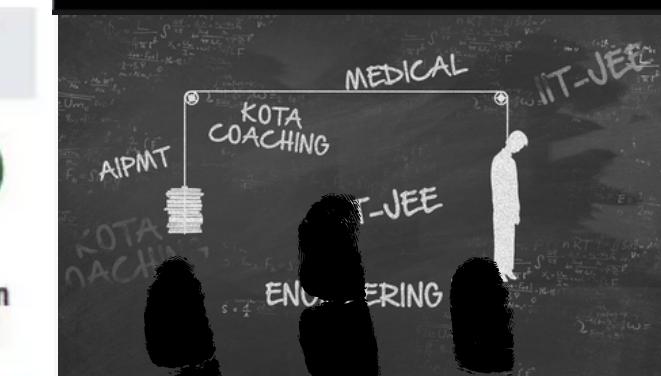
- Isolation from family and friends
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- Drastic changes in mood and behaviour (extreme fear, sadness, irritability)
- Changes in sleeping and eating habits
- Drug and alcohol use
- Engaging in risky behaviours
- Showing less interest in activities they previously enjoyed



According to statistics, over the past three years more than 26,000 students have committed suicide across India. A majority of student suicides are caused by underlying psychiatric factors such as stress, depression and anxiety. It could result from difficulty in coping with academics, unrealistic expectations and pressure from parents and lack of support from peers. It is very important to identify the illness at an early stage and consult a mental health professional.

—Dr Virinchi Sharma | A PSYCHIATRIST

In India, One Student Commits Suicide Every 55 Minutes.
Yet, Depression Is Conveniently Ignored



FAMILY PROBLEMS PUSH YOUNG PEOPLE THE MOST TO COMMIT SUICIDE

THEY ARE THE NUMBER ONE CAUSE OF SUICIDE FOR INDIANS BETWEEN THE AGE OF 18-45 YEARS

CAUSES OF SUICIDE



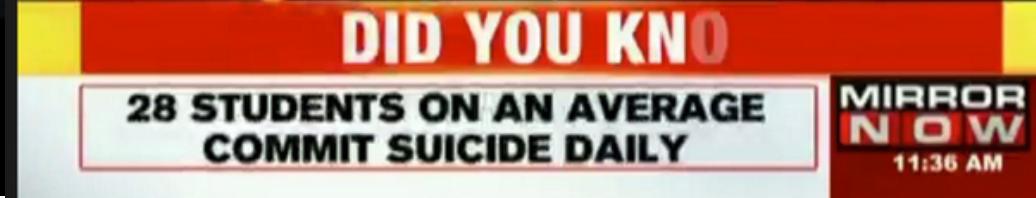
Footnote: Percentages have been rounded off; they do not add up to 100 because there are other multiple reasons too
Source: NCRB Accidental deaths and suicides in India, 2019

NCRB data shows big jump in deaths by suicide among students

	% change
Students	21.2
Professionals/ salaried persons (Total)	16.5
Daily wage earners	15.67
Retired persons	11.9
Unemployed persons	11.65

Source: Accidental Deaths and Suicides (ADS) report

IN FOCUS ■ STUDENT SUICIDES HIGHEST IN NOW 10 YEARS



Accidental deaths and suicides In India report NCRB

ANALYSIS-03:

REASONS FOR STUDENTS COMMITTING SUICIDE:

FAILURE OF EXAMS



Poor education system

Forced career choices

Not speaking up

Family problems

Financial problems



NEET EXAM ANALYSIS

1. RESERVATION PLAYS A MAJOR ROLE IN SEAT ALLOTMENTS ..
2. DUE TO RESERVATION STUDENTS WHO ACTUALLY DESERVE SEATS ARE DEPRIVED OF GETTING IT.
3. IT IS ONE OF THE REASONS WHY STUDENTS LOSE THEIR CAREER OPTIONS WHICH FORCES THEM TO COMMIT SUICIDE.
4. ATMOST 64.5% OF THE SEATS HAVE BEEN ALLOTTED THROUGH RESERVATIONS IN COLLEGES.

Categories	Reservation
EWS	10%
Scheduled Caste (SC)	15%
Scheduled Tribe (ST)	7.5%
OBC-NCL	27%
Persons with Disabilities (PWD)	5%

2016

Candidates	Male	Female	Others
Registered	3,69,649	4,32,930	15
Appeared	3,37,572	3,93,642	9
Qualified	1,83,424	2,26,049	4

2017

Candidates	Male	Female	Others
Registered	4,97,043	6,41,839	8
Appeared	4,73,305	6,16,772	8
Qualified	2,66,221	3,45,313	5

2018

Candidates	Male	Female	Others
Registered	5,80,649	7,46,075	1
Appeared	5,53,849	7,16,072	-
Qualified	3,12,399	4,02,162	-

2019

Qualified	Registered	Appeared	Qualified
343556	710979	681168	375260
427943	903782	863093	494806
1	16	14	8
771500	1614777	1544275	870074

2019-2020

Gender	Male	Female	Transgender
NEET 2019			
Registered	6,80,414	8,38,955	6
Appeared	6,30,283	7,80,467	5
Qualified	3,51,278	4,45,761	3
NEET 2020			
Registered	7,16,586	8,80,843	6
Appeared	6,18,075	7,48,866	4
Qualified	3,43,556	4,27,943	1

DATA SOURCE: 2016-18



NEET Statistics

NEET is the only medical entrance examination conducted by NTA (National Testing Agency) for the medical courses like MBBS in India or MBBS in Abroad, BDS

MBBS Blog / b10gM445 / Feb 10, 2020

DATA SOURCE: 2019-20



NEET 2020 Statistics by NTA

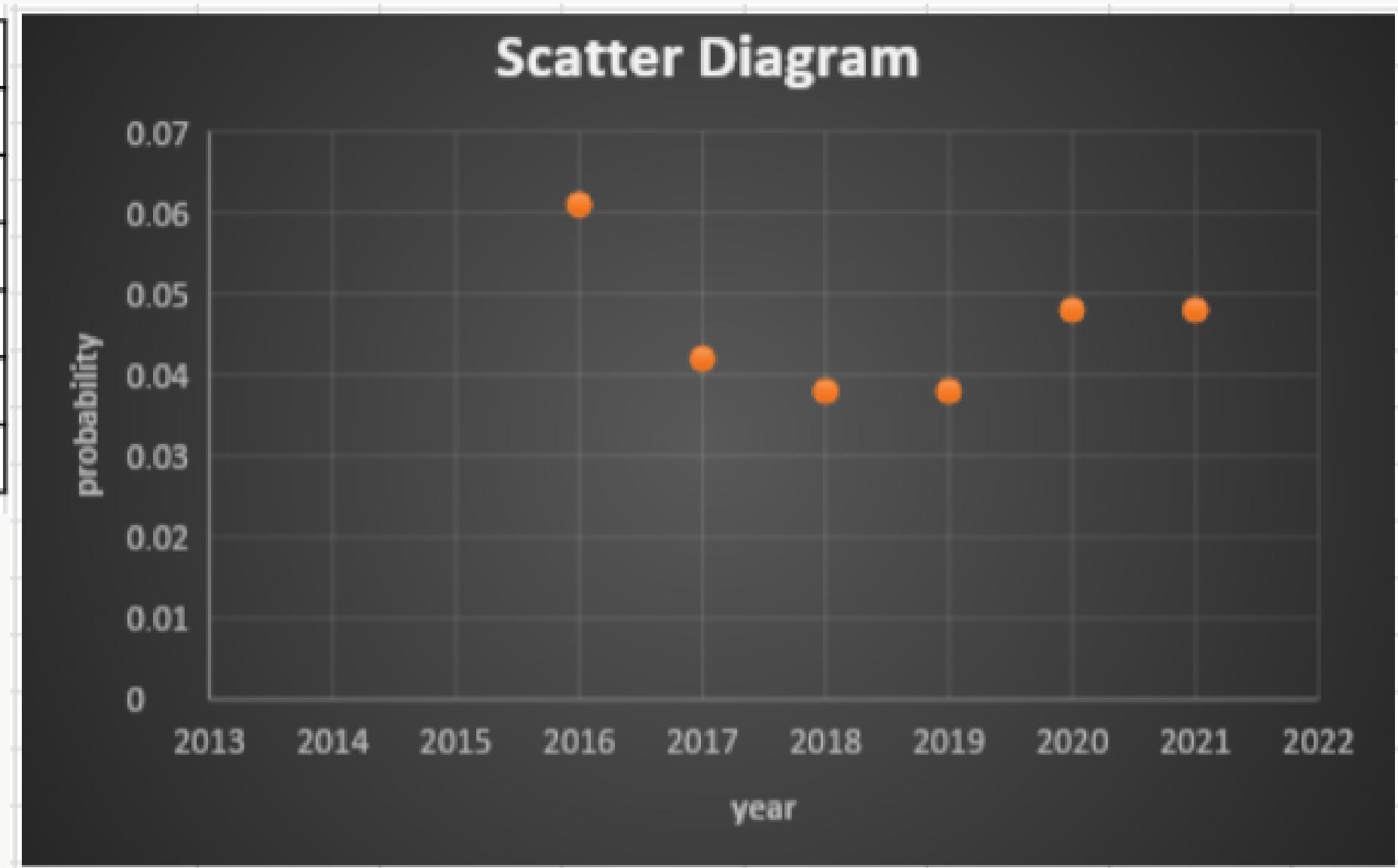
NEET 2020 result was announced on October 16. Check the NEET 2020 statistics released by National Testing Agency (NTA) here.

shiksha.com / Sreetama Datta Roy / Oct 19, 2020

NEET EXAMS

Year	Qualified	Seats	Appeared	Probability
2016	409477	25085	731223	0.061
2017	266884	25880	1090085	0.042
2018	714561	27507	1269921	0.038
2019	797042	30455	1410755	0.038
2020	771500	36836	1366945	0.048
2021	870074	41388	1544275	0.048

Year	Probability
2016	0.061
2017	0.042
2018	0.038
2019	0.038
2020	0.048
2021	0.048



TOOL: PROBABILITY
TOOL: SCATTER PLOT

Conclusion:

62% of the students who qualified the exam
are likely to get a government seat

