

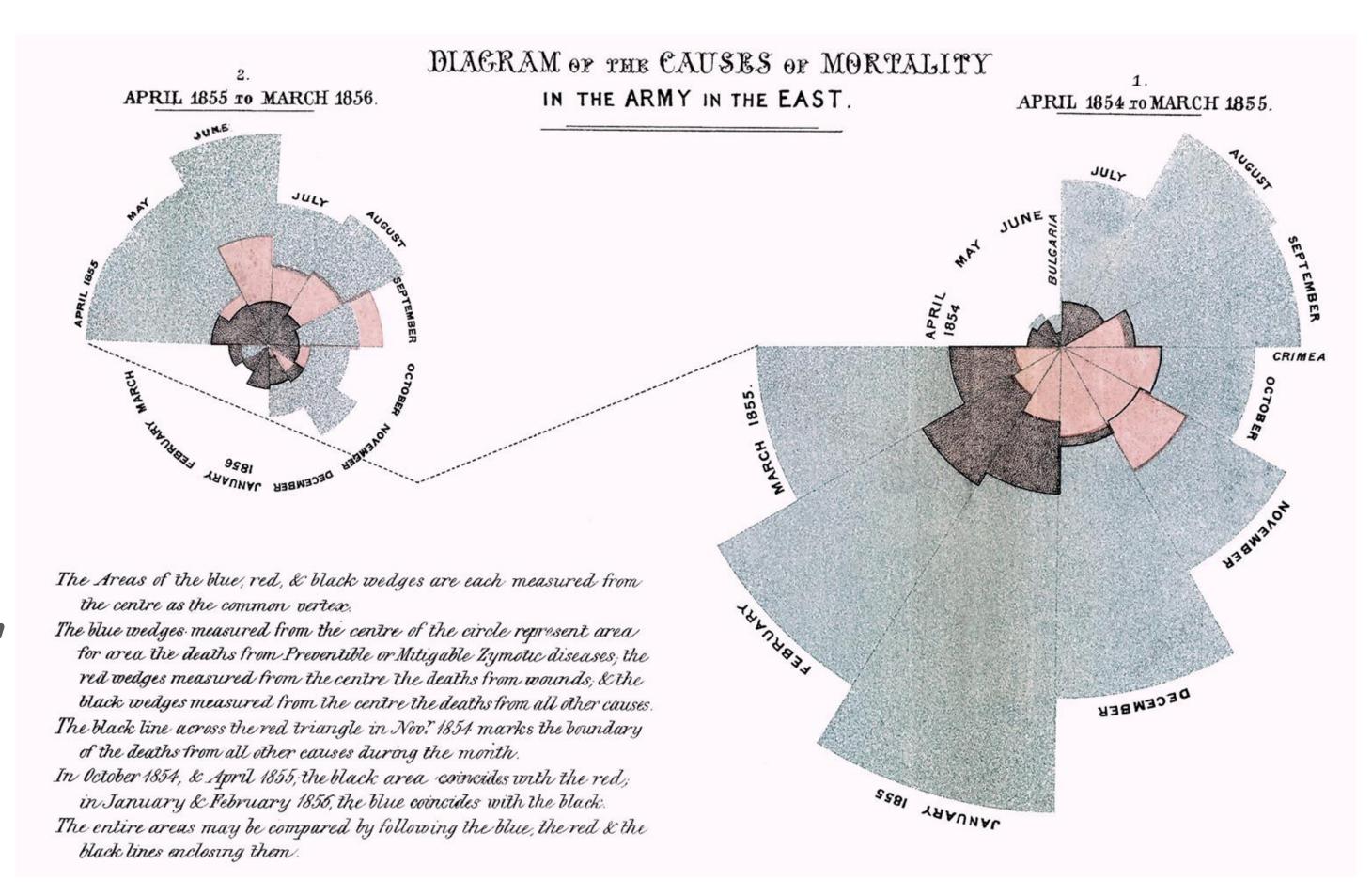
WHAT IS DATA JOURNALISM (part one)



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1858: Florence Nightingale writes a report on the condition of English soldiers in the Crimea, analysing the leading causes of death.





1821: the first edition of the **Guardian**publishes a table
listing all schools in
Manchester, with the costs and number of

students.

	and the second section of the second state second	of 11, 1- the most barren and desolate you can ima-	TO THE EDITOR OF THE MANCHESTER GUARDIAN.	Royal Exchange.—At chiron o'clock on Satur-
STANZAS,	ing. Those who empty a temporary triumph, are often compelled, in their turn, to acknowledge to	sine, except some spots near Cape Town, which have it	The annexed Report of the state of Charitable Education in this Town and the immediate Vicinity	day, in the presence of some hundreds of persons
A beam of transpositive smills in the west,	how short a distance their little superiority extends. "Since there is nothing in the constitution of the	pied by the Dutch merchants, and the few modeld people, for almost every estate in the country is	it to publication. No document of a similar nature has yet been laid before the public. At all times, such	change was elevated to its place. In weight it is above half a ton. In the centre there is a cavit;
The storms of the morning pursued us no more, And the ware, while it welcom'd the moment of rest,	atmosphere to prevent the existence of vibrations incomparably more frequent than any of which we	people, for almost every estate in the country is deeply mortgaged. As a proof of the poverty of the soil, regetables are sold in the capital at the	ticularly the education of the labouring classes, prevails, the best opinious which can be formed of the condition and future progress of society must be necessarily incorrect. But, independent of general	above half a ton. In the centre there is a cavity of upwards of 40 inches deep, to receive the iron to which a globe is to be attached, and the whol-
Still hear'd, as restemblished the file that were o'er! Sercinely my heart took the hue of the how,	are countries, we may imagine that animals like the grylli, whose powers appear to commence	most extravagant price. You must give half-a- crown for a cabbage, and 3s. 6d. for a caulifower;	comiderations, such a document seemed called for at the present juncture, by the legislative measures with which Mr. Brougham is threatening the country, and which appear to me to be a practical coase.	surmounted by the grasshopper, the crest of Si Thomas Greshan, who built the Royal Exchang in the reign of Queen Elizabeth. The stone wa
Its positions were skeeping—were mote as the dead, and the spirit becalar'd, but remember'd their	nearly where ours terminate, may have the faculty of hearing still sharper sounds, which at present we	6s. a pound for fresh butter, and every thing else in proportion. And it was the same at Simon's Bay;	quence of the ignorance which exists on this subject. The facts on which Mr. Brougham makes out the necessity for his Education Bills, are, as he is reported to say, "the numerical results of an inquiry.	in the reign of Queen Elizabeth. The stone was placed with load accismations, and the colours of St. Mary Woolanth were hoisted at the extremit
power. As the billow, the feroe of the gale that was fied!	do not know to exist; and that there may be other insects hearing nothing in common with us, but	but I had very good friends there, who were mostly English.	"carried on for years among the persons feet able to report the state of education in each village and in hamlet of the island. Those persons have, by the most minute details of matters within their own	St. Mary Woolsoth were hoisted at the extremit of the scaffold, on the south side.
Ethought of the days, when to picasure mone	endued with a power of exciting, and a sense that perceives, vibratious of the same unture indeed as those which committee our ordinary sounds, but so	"And is this the place in which I am to live out the remainder of my wretched existence? Forbid it,	" children setwally taught in each." The persons whose qualification and knowledge are thus	Ou Sunday the 15th cit, being Palm Sunday according to annual custom, the following singula service was observed at Broughton in Lindsay, i
My heart ever granted a wish or a sich; When the suddest renotion my bosons had known, Was pily for those who were wiser than 1!	remote, that the animals who perceive them usey be	Heaven! I find I cannot live on such terms. To be buried like a dog in a place surrounded by wild	extravagantly and (taken in connection with the real facts of the case) indicalously praised, are the Clergymen of the Church of England, who make up the reports that compose the Education	service was observed at Broughton in Lindsay, i Lincolmhire, by which the manor is held. 'I'
P.G.ft hour the more intellectual fire	said to possess another sense, agreeing with our own	fort! Think of my sensations, when I hear the	Digest. In the district to which the following report retors, a most the statements are attributed to four respectable Clercymen, who are, I believe, as competent as any of their brethern for the performance of	deputy of the Lord attended at the church, whi new cors whip in his hand, which he cracked the
In leasury loses its heavesty ray; How soon, in the lariching cup of desire, The pearl of the sood may be wasted away!	possibly wholly unaffected by those slower cibrations of which we are sensible."	beasts—to me, who have been used to every con- fort! Think of my sensations, when I here the wolves howling round our dismal dwelling. You can have no idea of the dismal yell they make, as	such a task. Them it would be severe to commerciate only what they knew; and I am not aware that	times in the church porch, then passed with it a his shoulder up the chancel, and scated himself the pew of the lord of the manor, where he remai
Fort I new M of that Spirit who lighted the flame.	Nothing is said in this paper as to a coincidence between the ordinary pitch, or the courpass, of the	loud as a cow bellowing: add to this, the barking of the jackalls, and the blowing of the porcepines.	hold them accountable for the great inaccuracy which appears in the Digest; but it may be reasonably	the pew of the lord of the manor, where he remained till the officiating elergyman was about to re-
That pleasure no more might its parity dim; And that, suffeed but fittle, or heightly the varie, I might give back the gent I had borrow'd from	between the ordinary pitch, or the company, of the voice, and the extent to which acute sounds are audible. To reason from analogy, we should ap-	The cround swarms with insects and reptiles. I have had a snake a yard long coiled up by my bed-	informants, as "persons best able to report the state of education," and of their information, as contain-	the second lesson. He then proceeded with a whip, to the lash of which he had in the laters
uce! The thought was estable! I fek as if Heaven	pose that individuals who are rumarkable for their power of hearing acute sounds, would either have shriller voices in ordinary conversation, or would	side, and a mouse, as large as a small rat, in my bed, when I was lying very ill. We cannot set a single article of provisions out of the way, but it is	ing "the react numbers of schools artially existing, and the numbers of children installing tample in early." That the public may judge, I have extracted the official returns that correspond with the district included in the following Report.—Vol. 1, p. 444. Laccassung, Tanz.	affixed a purse, which should have contain. "the silver penales, but, not being able to procue the
Mad already the areath of eternity shows; As if, possion all chasten'd, and error forgiven,	be able to sound higher notes, than those persons whose ears are pitched lower. In any future ex-	covered with millions of ants, some of them m inch lour. The state of my mind is such, that I cannot		a single half-crown piece was substituted, at knocling down on a cathion before the readi
My heart had begun to be purely its own! Heart's to the west, and the beautiful sky,	periments on the subject, it may, perhaps, he worth while to examine whether any such coin-	work for half an hour. I do nothing but ery, and read over and over again the books and old news-		desk, held the purse suspended or the curit, head during the time of his review the lesse after which he returned to his review, and as soon
Which morning had clouded, was clouded no more:	cidence exists.	papers, I have read a hundred times before,— Poor David Idames himself continually for bringing	Names, Popula- tion in 1815. No. Children. Revenue. No. Children. No. Children.	divisor service was over, west, and left the whip a purse at the masor-house.
"Oh! then," I exclaim'd, "can a heavenly eye Shed light on the word that was darken'd before!"	SETTLEMENT AT ALGOA BAY. The following extracts of letters, just received	me out, and has promised, that if I am not more reconciled in a year, he will send me to England:		. 155.
ON SOUNDS INAUDIBLE BY CERTAIN	from one of the recontly-fermed settlements in Southern Africa, are addressed by a Lady of the	but I shall never live that time. And if the go- vernment do not assist us, it will be impossible that	Manchester 85,828 2899 1 1.55 £1800 3 2200 3 8000	BANK DUPTS. GARRITE-SATURDAY, Aren. 28.
EARS. A very interesting paper on this subject has	some of Francis, who accompanied her harband as	any one can stay. "If I was near you, I could be hency to sit and	1 50 200 1 10 100 1 50 40	CLARKE Thomas, of Gainsborough, in the cost of Lincoln, desper, d. c.; May 7, 8, June 9, 11, at the Punch Bowl, Nottingham, Att. 5 Payre, Nottingham,
Recen recently communicated to the Royal Society \$5 Dr. Wollaston. Some of our readers are, no	and vice a melanchuly sectore of the hard-bird to	work from morning to untit. David has written a		11, at the Punch Bowl, Nottingham, Att. 3 Payne, Nottingham.
doubt, acquainted with the celebrated paper of our townsuman, Mr. John Dalton, on certain poculiari-	rashly quitted their native shores, have been ex-	tion. I ency this paper, because it is going to England; and I declare, rather than stay here. I	Salford 19,114 791 4 600 8 700	COLLIN Stephen, of Woodlesford, in the com- of York, blacksmith d. c.; May 11, at 6, the White Hore, Leeds, May 15, but 9, at
ties of vision to which he, and several other indi- viduals, are religion: to this Dr. Wolliston's com-	Asserya Bush, and is addressed to " Mrs. Black- burn, Laytomtone, Essen;"	(Signed) "Assa Fasses."	chester, Salford, and Ardwick. Such is the statement given by four resident Clergymen of the Church	the White Horse, Leeds, May 12, June 9, at at the Court-house, Leeds. Att. Mr. Fir Wakefield.
punication forms an excellent counterpart; and	" My beloved Sister,—I have the pleasure to tell you, after all my perils and adventures, that I have	The originals of the above letters, and others of the same character, are in the bands of Dr.	fact k, that the number of the Carucii Sunday Schools above, is 19; and of the Dissesters, 46; making together, 65; and affecting grations clueration to 25,000 children. If to this number be added the day schoolars and loanders of the public and private rebooks, it would appear, that, with respect to this town	DAWSON Robert, of the city of Norwich, lint draper, d. c.; May 12, 14, June 9, at 4, at 1
home of hearing, are equally singular and striking. As the subject is one of general interest, we need	at last gained a shelter. We have been here ever shore the 12th of October till we could get a room	Harob. THUNDER STORM.	scholars and loanders of the public and private schools, it would appear, that, with respect to this town and neighbourhood at least, there is no necessity for any legislative preceeding whatever; and I am per- suaded, that there is as little necessity in any part of the unaufacturing districts of the country. In the	Norfolk Hotel, Norwich. Atts. Mesors, Simps and Rackham, Norwich.
not apologize to our readers for presenting them with an abridgment of the paper.	built. I suffered beyond expression, and the wea- ther was so stormy, that for one whole month it	On Wednesday establishe about one at t- a	snaded, that there is as little necessity is any part of the unnufacturing districts of the country. In the agricultural districts, the case may be different. With respect to them, some legal provision might be useful; but Mr. Brougham's bills are too obsessions to the liberal spirit of the times, to produce any thing	GLOVER Benjamin, late of Bread-street, but a of Watling street, in the city of London, M
The Dr. observes, that persons laborating under deafures usually hear neute accordance better than are you	sained incessarily, accompanied with the most	after a forenoon unusually sultry for the season,	useful; but Mr. Brougham's bills are too observious to the liberal spirit of the times, to produce any thing but evil in any port of the kingdom. As disquelifying acts, they ought not to pass into laws; and they	May 8, 12, June 9, at 10, at Guidhall
eues; and he has found that all cars may be soding- ed, by artificial means, to the same incominities	ran have no idea of its effect, enclosed as we are on tall sides by high mountains. It would give no both	and the vicinity, accompanied by load claps of	but evil is a my port of the kingdom. As disparalifying acts, they ought not to pass into law; and they will not, unless the Discenters suggicently discrept the protection of their own rights. My object, how- ever, is not to discent the provisions of Mr. Broughom's bills; but merely to call attention to the error.	
to low tones. When the motable and now are shur, the tymponium may be so exhausted by a forcible attempt to take breath by expansion of the chest,	poin were I to relate all that I have felt. God grant that you may never know by experience the mise-	themsee; the darkness of the atmosphere being in- terspersed and succeeded by ancommonly hight alcams of sunshine. During one of these showers, the electric fluid was observed to gass along the control of Monthly Life.	which exist in the Education Digest, and to express an earnest wish, that similar reports may be made up for other large towns, to the publication of which, I trust, your columns would be open. N. H.	sur. Lawrence, Doam's-court. LAUGHTON John, late of Arbun-square, Comorpial road, in the county of Middlesex, m ter-mariner, d. e.; May 5, at 10, May 15, 11, June 9, at 10, at Guiddall, London. N
	ries of settling; yet, in comparison to hundreds,	the electric fluid was observed to gase along the south end of Edge-hill. In its procress it knocked down several workmen, one of whom was so vis-	DAY SCHOOLS,Establishmen Boys Girls. Total. Esp. Remarks,	11, June 9, at 10, at Guildhall, London. A Meters. Tombiason and Bennell, Thromore
upon the membrana tympani, and, in this state of tession from external pressure, the ear becomes	moon, which serves us for a 'kitchen, parlour and all,' and we are completely sheltered from the weather. The sun here secretics to that degree,		Grunmar School 155 155 1800 3 5	LEE Jonathan of Sandadana in the annual
insimilde to craver tours, without being in my decree the perception of sharper somets. To a moderate extent the experiment is not	that it burns the skin and ruises blisters, exactly as	lief he had recourse to bleeding; and a girl in a garden had ber arm subleady lifted up by its effect, and felt it benumbed for some time after. The	like Coat ditto	12, at Guidhall, Lowley, Atta Morre, Go
To a moderate extent the experiment is not difficult, and well worth making. The effect is sin- gularly striking, and may be aptly compared to the	sights are sometimes or cold, that, after a burning day, we are objective over a fire. This I think the	whilst on the lost but was struck on the arm	Strangeways ditto	PAYN Thomas, and John Daniel Payn, of Cal
mechanical separation of larger and smaller businesses by a siege. If a table is struck with the and of	most miserable country in the world, for it pro- duces nothing without manner, and the gardens	near Islancton, who was sewing at the time, felt in	St. Mare's ditto. 12 12 21 40 Funds arising from Sacramental	
the finger, the shole board sounds with a deep dull note. If it is struck with the mail, there is	which we have made are all burnt up before they	electric fluid entered the beauty of No. Classical	I / Offerings	d. c.; May 5, 12, June 9, at 1, at Guilds Att. Mr. Hinduan, Rusinghall-street. SMITH John, now or late of Pattrington, in I
	harvest has totally failed here and in every part of the country; indeed, the miseries of the nahappy	Edge Vale, where its process was not less alarming	Taught, clothed and boarded, by	derness, in the county of York, grocer, he desper, d. c.; May 11, 12, Jone 9, at 11, at Dog and Duck Tavers, Kingston-upon-Hulk; 1
sporter vibration of parts around the point of cou- tact. When the car is exhausted, it bears only the latter sound, without perceiving in any degree the	settlers are beyond any thing I can express,—	and we have never heard of a more surprising evenpe, than that of the several individuals dispersed	((Support)-Taurit and partie	
sleeper note of the whole table. In the same man- wer, in fishening to the sound of a currings, the	that served out by government, and that is most	in a house, of which almost every room bears tenti-	Back King-street	TATE John, of Liverpool, in the county of L' caster, provision-merchant, d. c.; May 17,
steeper rambling noise of the wheels is no longer heard by an exhausted ear; but the ratile of a	grains of wheat, with a mixture of peas and Indian corn; but all this I do not consider for myself, as I	It appears probable, from an examination of the appertures which the duid has made, and the direc-	194 119 313 (con Voluntery Subscription, and Col-	June 9, at 1, at the George Ina, Liverpool. Mr. Denisou, Liverpool. WARD Juneph, late of Banhary, in the county Orden! Challenge of Banhary.
their or losse serve remains at least as amilible as before exhaustion.	do not cut more than would satisfy an infant. I	forced, that, attracted by the iron miller in force	851 381 1292 (5110)	
He has tried the experiment at a concert with rincular effect. None of the sharper sounds are	are dreadfully depressed; I hope time will recon-	door, where it has thattered the bricks the	Dissenters.	prison), brewer, d. c.; May 5, 15, June 9, 12, at Guildhall, London. Atts. Messes. Fit
lost, but, by the suppression of a great mass of londer sounds, the shrider once are to much the	English settler nearer than seven miles, and I know	pieces the wood and brick-work between the door-	Layeavernay School, Marshallet, 692 225 917 400 Vulnutary Subscription.	and Monday, Holborn, WHARTON Robert and Henry Wharton, of Li
the kers of a had instrument, or sereping of catent	Clan William, with many others, chiefly Irish; he	boards on the top; shook the fan-light to pieces, burning part of the frame, and leaving a black noot	CATHOLIC	
unskifully toucked. The state to which the ear is thus reduced by	has been our frequent visitor, but he is as miser- able as myself, and detests this country as much as I do. When I reflect that it was on this day	on the point-work: themee it passed up through the arch door, splitting the bricks and the stone at the bottom of the middle window, the glass of which was shattened to see	SUNDAY SCHOOLS. 890 381 1271 £554	house-corpositors, late copartoors in trade, 1 1, 19, June 9, at 11, at the George Ina, verpool. Att. Mr. Hodgson, Liverpool. #ILLMOTT Daniel, of Princess-street, Rot
related in a series be preserved for a certain time, without the continued effort of inspersion, and without even stopping the breath; since, by sod-	twelvemonth I parted from you, my heart is like to break! Why did I ever leave you, my poor	was shattered to pieces, and the whole frame dis- lodged and forced into the house. Over the win-	Collegiate Cherch, Saude Hölt. 201 205 406 \\ St. Aun't, Back Kingsteet. 50 56 106 \\ St. Mary't, Back South Parade 130 110 240 \\	hither, in the county of Surrey, master-mare
den ecstation of the effort, the internal passage to the 'ear becomes closed by the flexibility of the	mother, and my dear Patty? Never shall I see	dow it forced, in its way to the roof, a large hele,	St. Paul's, Green-street	"IJ.J.O.TT Daniel, of Princess-street, Rot hither, in the country of Surrey, master-mari merchant, d. c.; May 5, at 19, May 15, at June 9, at 10, at Guidhalf, London, Messer, Peteron and Polic, Old Broad-stree DIVIDENDS. May 22. Marcair & Atkianon, London, mercha
Eustachian tube, which acts as a valve, and pre- rents the extern of air into the tympasom. As the	thought of staying in this unscrable solitude is		Turner-street	May 22. Marwair & Atkinson, London, mercha
defect than occasioned is voluntary, so also is the	not one female friend to converse with-no doctor within fifty miles-up elegyman or church in the	been towards the chimney: the caus were shattered to pieces; the ridge stones displaced; many bricks and much cement torn from the wall; and the lead	St. George's, St. George's	22. Marvair & Allianon, London, morchi 22. J. Davies, Shrewbury, flax-spinner. 29. W. Beshy, Manchetter, tailor. 22. W. and A. Copp, Exefer, drapers. 22. W. Burne, Expter, drapers and tailor.
remedy, for the traplement remedius of pressure on the dram, and the partial deafacts which ac- companies it, may at any instant be removed by the act of swillowing, which opens the tube, and	whole country—no post-office nearer than Gra- ham's Town, which is a wretched place, and the	in many places forced up. It probably reached the	St. Michael's, Miller-street	22. W. and A. Copp, Exeter, drapers. 22. W. Burne, Exeter, draper and tailor.
the act of swillowing, which opens the tube, and, by allowing the sir to enter, restores the equilibrium	cond to it terrific. I am more wretched than I can describe: but what are not miseries compared to	the stucco, plaster and paper are in several places broken, and the fluid, as if searching its way out,	Alpost Town	22. W. Burne, Exeter, draper and tailor. 29. J. Dobell, Stapleburs, Kent, draper & ta 22. J. Lee, London, warehouseman.
of pressure necessary to the due performance of the functions of the ear.	the miseries of those that went to Clan William;— I they are absolutely starving, and the government	scorened the gibling of the chimney glass, and peeled the too ornaments, but did not disturb the	Bennet-street S35 1071 1966 J 62 200 of which Code a tot	24. T. Cassidy, Liverpool, feather-merch 22. J. Williams, London, draper. 22. M. B. Schlesinger London, indige-n
Those who attempt exhaustion of the our for the first time, meely have my difficulty in making	will do nothing for them, became they would not come up here. I do not think any one will stop a year in this wretched country that can belp it.	polished fire from, just below. Six squares of glass were driven out in this room. In the room above, in one corner, stond a bundle of rods, to which it	Oldfield-road 139 201 343 Tenchers and Scholars	chant. June 5. Ryder & Nasmyth, London, sugar-refin
Memories sensible of external pressure on the tym- panem; but it is not easy at first to relax the effort of inspiration with sufficient subdenness to close	many have already left it, and others are going. What will be the end of it, God only knows, but I	made its way, perhaps from the chimney, between the lathing and the wall, as it forced off the planter,	All Scients () of all and 183 189 374	John Harrison and Brothers, Manchester, out
the Eustachian take, and thus maintain the exhous- tion; neither is it very easy to refrain long together	dread the worst. There is little short of a fa- mine now; great numbers have nothing to cat but	and shot a quantity of it against a chest of draw-	Arlwick	spinners. — Widow Welsh and Sons, Manchest common carriers. — Geo. Ramsden and Co. M
from swall-sense the saleya, which instantly puts an	muttons they can get neither bread nor regetables.	amaring force. In this room a young lady was	Discenters. 3431 4213 7617 £1078	chester, cutton merchants.
and to the experiment, All this is very extraordinary; but the compara- live inscribility to cente sounds, in individuals	and wise and spirits are all out of price. Not as ounce of tea or sugar is to be got at Graham's Town for 'love or money,' except now and then,	further injury than that resulting form extreme	Lever-street	GASETTE-TERRAY, MAY 1. ALLISON George, of Bishop Wearmouth, in
whose hearing is otherwise perfect, is, perhaps still more astonishing. We will give, in Irr. Wal- histon's own words, his account of this singular	as every thing is to be brought from Cape Tonn, and the conveyance is very uncertain. We have indeed been miserably dereixed, both as to the soil	alarm, at the noise of the fluid in its passage, which	Ormond-street 990 nrs 100	county of Durkam, tope maker, d. c. (carry on trade at Moukwearmouth Shore, in the s county) May 10, 24, June 12, Bridge 1
principal distribution.	indeed been miserably decrived, both as to the soil and climate. Oh, if any thing would but turn up, that I might once more return to Kagland, I would	the whole boute) with a sulphurcous smoke. On going to the door, she found it fast, the belt having been forced, as if it were partly locked,		county) May 10, 24, June 12, Bridge 1 Bishou Wearmouth, Att. Mr. Edward Binds
" It is now some years since I first bul occasion to notice this species of particular deafacts, which	not care if I fixed on broad and water, for I cury	probably from its having attracted the fluid.	F.Im-street 223 314 527	Bishop Wearmouth. Att. Mr. Edward Hinde, shop Wearmouth. BAYLY William Henry, of Cheltenhum, in
I at that time supposed to be peculiar to the indi- vidual in shoul I observed it. While I was enten-	Hot ending my days in this savage wilderness, sur-	From this room it seems to have passed through the sindow and entered another at a right angle from it in the hard water of the horse things.		county of Gloucester, banker, d. e.; May 11, Fleece Inn, Cheltenham. June 12, King's He Gloucester. Atts. Messrs, Press and Griffit
couring to estimate the pitch of certain sharp would, I remarked in one of my friends a total insensibility to the sound of a small organ pipe,	rounded by wild beasts, and every thing that is horrid, quite distracts me. As for poor David (Mr. Francis,) he is well in health, but almost mad to	in the back part of the heate, the glass and strong frame of which were broken and forced in. In another frant room on the first floor, is which the	Hulme	Cheltenham.
which, incorpect to neuteness, was far within the	lol the life of a slave, for as there are no enclo-	other front room on the first floor, in which there are no marks whatever, another young lady, who was using a pair of seissars, was struck down, and	Brusavick, Penaleton 202 220 422 37	DEMAINE William, of Borley, in the purish Otley, in the county of York, worsted spins May 10, 11, June 12, New Jun, Bradford, A
our acquaintance. By subsequent examination, we found that his wase of hearing terminated	sures, the cattle are no sooner over the hills than they are out of sight. He has lost a horse, and four bullocks, and atsa three sheep, which, I sup-	was deprived, for a short time, of the use of one of her less; she was seriously burt, but, we are	New Consegnor Methodistis, Oldham-street 160 120 280 28	Mr. Crosley, Bradford,
at a note four extraces above the middle E of the pitmo-forte. This note he seemed to hour rather	four bullocks, and atsa three sheep, which, I sup-		Pendleton 210 160 370 50	in the county of Nottingham, miller, d. c.; 36 8, 9, June 12, Saracen's Head Ion, Newark. At
imperfectly, but he could not hear the F next above it, although his hearing was, in other respects, as	same by all the settlers; they have all lost cuttle, I am afraid you will think I am a croaker—but,	door, on which her bounct hung, was drawn out, and the bonnet torn to pieces. From the kitchen	INDEPENDENT MUTHODISTS, Edward-street	
perfect, and his perception of musical pitch as correct, as that of any ordinary cars.	Hries. Oh, how different from the account I that	the electric current sucms to have escaped by the upper part of the door, where the bricks and line	Cooke-street	GREENWOOD Thomas the younger, of Preste in the county of Laucaster, upholsterer, 3. a May 28, 29, June 12, White Hart Inn, Presto
"The caused observation of this pevuliarity in the segme of Iscaring, soon brought to my recollection	then the weather was mild, and every thing seemed	are lowened. The abrus occasioned to the female issuates, by this terrific visitation, need not be described. The terrific visitation, need not be described.	Water Isperesuants, Oak-street . 100 106 200 8 Defrayed by a Monthly Collection	Atts. Mesers. Troughton and Haydock, Prestor JERRY John, of Kirton, in the county of Suffol
a similar iccapacity in a near relation of any one, whom I very well remember to have said, when I was a boy, that she never could hear the chirping	rachanting. I was surrounded by friends, by whose I was beloved. Now I am separated from all ever knew, and have no hope of ever seeing them	scribed. The house appeared to be filled with vivid time and smoke, and they fearfully anticipated its falling on their head. The growth and a	INDEPENDENTS, Groavenor-street 507 473 980 80 80	mainster, merchant, d. c.; May 16, 17, June 1 Coach and Horses, Ipswich. Att. Mr. Jackansi
was a boy, that she never could hear the chirping that commonly occurs inhedges during a summer's enumer, which I believe to be that of the gradus		falling on their heads. Two men and a boy, who had taken shelter at the end of the house, were thrown differen or twenty feet from the spot where		
exampestris. 11 have reason to think that a sister of the prystas	I have never laughed since I have been here, but	they stood; one of them was taken up insensible, but is now recovering. The breast and back of the	Mather-sreet	Pirtos, in the county of Worcester, and Richal Houghton, of the parish of Badsey, in the sal
hat alloked to had the same premiurity of hearing, although mether of these was in any degree deal	at the loss of 'My Jokey's' (Majorchi) memory.	boy are severely seorched in red branching stripes,	Chandistreet 100 100 100 15	15, 16, June 12, Rein Deer Inn. Worcester. Al
to common sounds. "The uest case which came to my knowledge	nion is about the trial. (Signed) "Anna Panners"	next house (that of Mr. Mortimer,) in a room, the	Hope-street	TURNER Daviel of Whitechard Boad in the
was in some degree more remarkable, in as much	The second letter is dated Jan. 951, 1891, near	ld a targe pier glass was perforated, as if by a pistol	Fleet-street	county of Middleser, timber merchant; May i 12, June 12, Guildhall. Atts. Mesers. Junes an Howard, Mineing Lane.
or two lower than in the first sistance. This in- formation is derived from two ladies of my ac-	and is directed to " Mrs. Galabiu, 12, Old Jewry, London."	was regularly streaked with soot; the glass was not	King-street ditto 60 50 110 10 10 10 10 10	WALLER Matthew, late of the Furnace in the
quantance, who agree that their father could never hear the chirping of the common house spursor.	I should have had the observe of possiving a lieu	greater part of the ceiling of a room above was also	King-street dite.	parish of Stone, in the county of Stafford, victual icr, d. e.; May 21, 22, at the office of Mr. Asthory Stone, June 12, Crown Inc., Stone. Att. Mr. Ast
This is the lowest limit to acore learing that I have met with, and I believe it to be extremely	from you; but that, as well as every other commu- lation, is desired me. I have received but two	stripped off. No other accident, we believe, has occurred.	Ustranias, Mosley-street 239 50 280 80 " writing and accounts. Greengate, Salford 38 12 50 10 Tanaha webler and accounts.	WEISH John of High Holborn in the country
usee. Desiness even to the chirping of the house wricket, which is several notes higher, is not com-	letters from England, both from my dear sister,	Haveing by Deputy.—An unfortunate, yet some-	Carnonics have Eight Schools 700 500 1900 110 the writter Class of 4d for every	Middicsex, master mariner, d. c. and master of the ship Claudine employed in the East India trade, May 8, 19, June 12, Guildhall, Atts. Men Tordinan, Thomas and C. Callenti, State
ston. Inability to hear the piercing squeak of the but recent not very rare, as I have met with several induces of persons not aware of such a round.	sister a short time since, and explained to her my	what laughable affair recently occurred at Cauton, and for a short time put a stop to all commercial intercourse between the English and the Chinese.	7883 7478 15461 £1801 Teachers for non-attendance.	trade, May 8, 19, June 12, Guildhall, Atts. Mesi Tomlimon, Thomson and Co. Coleman-street. WESTAWAY John, of the city of Exeter, watch
instances of persons not aware of such a round.* The chirping, which I suppose to be that of the grallus compositio, appears to be rather higher	I thought my situation had enough then, although I told her that I wanted for nothing, being provided by the convenient for twelve months, or more if	intercourse between the English and the Chinese, —It appears that one of the latter was acciden- tally shot, at a boar bunt, by an officer of the	DAY SCHOOLS. SUNDAY SCHOOLS.	maker and seweller, d. c., May 21, 22, June 15
graffur compostrie, appears to be rather higher than that of the bat, and accordingly will approach the limit of a greater number of cars; for, as for as	were upon the same towns, as some remuneration	Company's ship Loudon; and as there exists a law		Half Moon Inn, Exeter. Att. Mr. Furloog, Exeter DIVIDENDS.
I am yet able to estimate, beman bearing in peneval extends but a few notes above this pitch. I cannot,	for the very great expense and loss of time we had incurred. For this we had the governor's verbal	Company's ship Loudon; and as there exists a law in China, that the death of a man, even though ac- cidental, can only be expiated by blood, the Chi-	erhoats Boys. Girls. Total. Esp. whools Boys. Girls. Total. Esp.	May 26. R. Simpson, Lendon, merchant. 22. W. Poole, Leicester, house. 21. Foulkes & Darnton, Manchester, cabinet
bowever, measure these sounds with precision; for it is difficult to make a pipe to sound such notes,	protesse, as well as a circular letter. We have now	laid an embarro on the shint in the barbour	Establishment 13 830 411 1232 £5110 19 3434 4213 7647 1078 Dissenters 3 890 381 1271 554 46 7963 7478 15461 1801	makers.
and still more difficult to appreciate the degree of their acuteurs.	be stopped, unless paid for, or unless undeniable	until the demand should be complied with. This excited very serious alarm amongst the English; but they were determined not to surrender their	16 1720 792 2503 5564 65 11.417 11.691 23.168 2920	maker. 19. R. & J. Grimshaw, Manchester, merchants 19. W. Sherwood, Liverpool, soap-boiler. 19. C. C. Becher, London, merchant.
The suddenness of the transition from perfect bearing to total want of perception, occasions a	whole enterprize, on it is impossible to procure	countryman to suffer an unjust dooth Power at	No. of Day Scholars, Establishment, 1232 Dissenters, 1971	DAISOLUTIONS OF PARTNERSHIP
on this subject, with a series of small pipes among	Henry at any price, the whole of the coops have	unpleasant dilemma they were extricated in a singular manner. One of the crew of the London, who had been sentenced to undergo a nevere punish.	Deduct One Third of Day Scholars, the proportion supposed to attend Sunday Schools, 834	N. M. J. and J. Pattison, Congleton, silk throw- sters.—Watson and Murdeck, Greenock, merchants.—Scholes, Birch and Co. Manchester, merchants
several persons, rather amoring. It is curious to observe the change of feeling manifested by various individuals of the party, in succession, as the		who had been sentenced to undergo a severe punish- ment, hung himself in a fit of despair. His body was sent on shore as a peace-offering, and was im-	Total grave tously educated	(so far as relates to James de Joagh).
We perfectly remember a young man who was remarkable for his developing in chaoting but, but	my long lost health, and I foughly looked forward to	was sent on shore as a peace-offering, and was im- mediately accepted by the Chinese, who only wanted a man to be hanged, and did not trouble	already 120 scholars. — At the Sundry Schools, rending only is taught, except in the instances noticed in	MANCHESTER: Printed and published by J. GARNETT, No.
remarkable for his dextenty in shooting bate, but was never able to hear their cry, shough, in other properts remarkable for acolesces of hearing.—En-	happiness. But alas! my dear friend, this is the last place in the world where I could expect to find it; for the country, from every port we have seen	themselves about his identity with the offender. The embargo was immediately removed; and the	activates on adopt, unter as a action recently cataloisated in Union Place, Salford, at which there are largely 150 scholar,—At the Saudry Schools, reading only it stupple, except in the attainance motived in the reventible. But themselves the observed, that tearly all the school rooms are open 150 or three revenings in the revening are related to the Saudry scholar, who pay a small sum to defery the revening the revening that the school rooms are open 150 or three revenings to	Market street; where orders and advertisems will be received; and also by all Booksellers
The state of the s	"	ecrammatica to the satisfaction of both parties,	tue expense.	News-venders.



Visualizations: Schools in Manchester, 1821 Uploaded by: smfrogers Created at: Sep 25 2011 Description: School/ church Total (aggregate) Click to select. Disks colored by School/ church Ctrl-Click: multiple Shift-Click: range Grammar school ■ Blue coat ■ Green coat Collegiate church ■ Strangeways ■ St Mary's ■ St John's TOTAL St Paul's 18.212 Ladies' jubilee ■ Back King-street ■ National schools, Gra Bolton street, Salford ■ TOTAL Lancastrian, Marshall ■ Unitarian, Mosley str Catholic Collegiate church, Sh ■ St Ann's, Back King s ■ St Mary's, Back South To highlight or find to Search>> click or ctrl-clic Bubble Size Total Label School/ church Color | School/ church

2000s: Simon Rogers
(Guardian Datablog)
reproduces the table
published in 1821 using
simple Data Visualisation
tools



Data Journalism is not new: you could say that it has existed as long as data has.

The difference is that in the past the data were published in very costly books, now computers with spreadsheets and specific tools do half the work by themselves.



Today, Data Journalism is a form of journalism that:

- Collects, cleans and analyses data
- Uses new technologies
- Translates data into information, visualisations, analyses... in a few words: TELLING STORIES (in the most understandable way possible)



Starting point...



Data are the raw material for a data journalist.

As in traditional journalism, it's also important to start out with a good research question, identify the story that you want to tell and understand the final objective of the project.



Think like a journalist...

The data journalist, usually, thinks about data as a journalist would and not as an analyst.

Why are some numbers interesting?
What's in there that's new? What might happen if it's crossed with other data?
Answering these questions is the most important thing.





WHICH DATA?



WHAT IS DATA JOURNALISM: WHICH DATA?

Data useful for our research:

- Associated with economic or social issues
- Taken from reliable sources
- Reusable (published by sources with licences for reuse)
- Can be aggregated, when we can build them ourselves by putting multiple sources together



WHAT IS DATA JOURNALISM: WHICH DATA?

The tools you need

• Spreadsheet (Excel or Libre Office Calc) which allows you to **analyse** small or large scale tables





• Software and applications that allow you to visualise the data we have aggregated using maps or graphs





SOME EXAMPLES

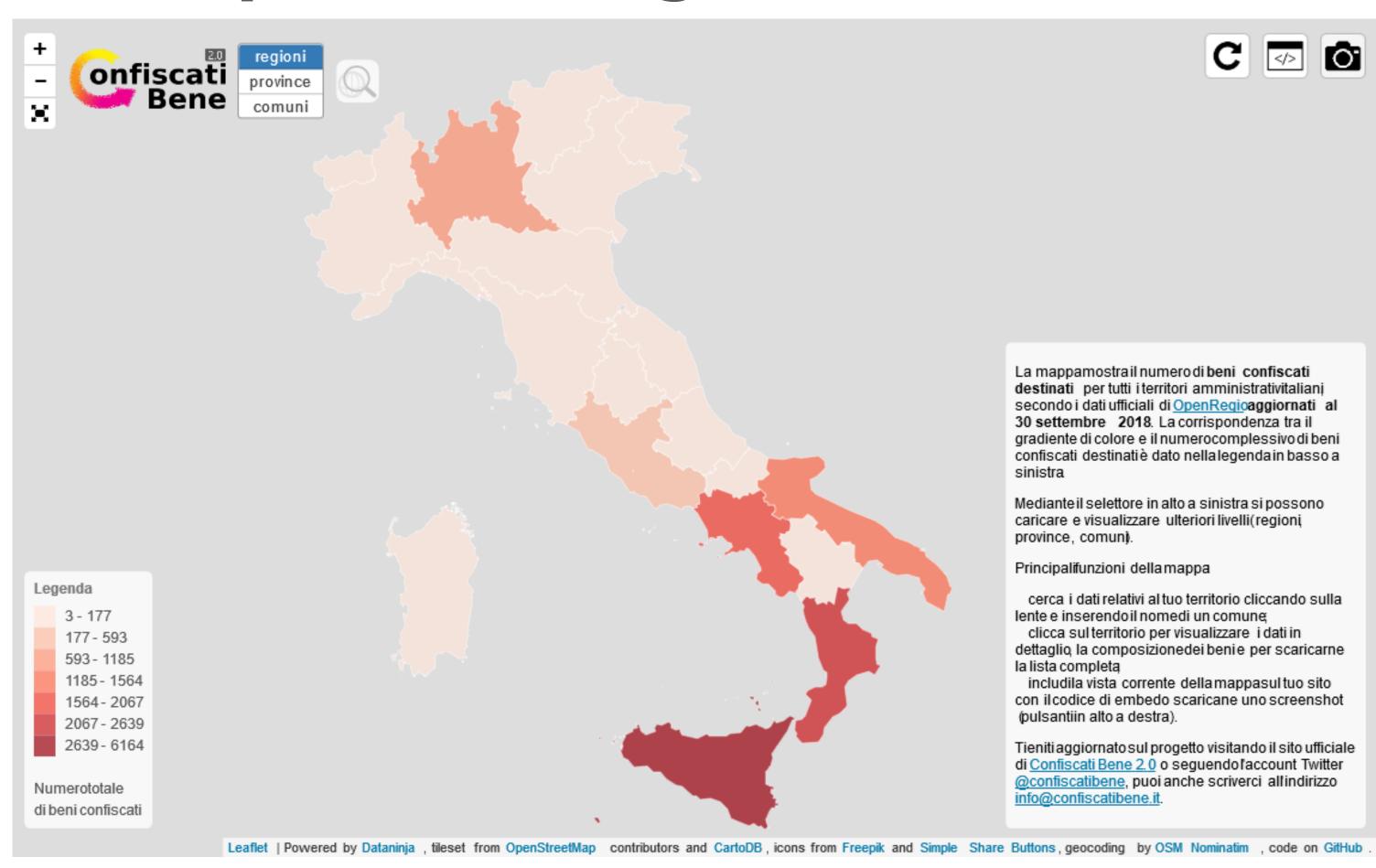


Analyse a social phenomenon across territories

- The aim is to compare different geographical areas in terms of a phenomenon
- We require and need to make uniform data for all territories that we wish to compare
- They need to be compared starting from a common element (in relation to the population, for example)



Example: investigation into confiscated Mafia assets



https://www.confiscatibene.it



The results of the analysis allow you to:

- Understand whether a phenomenon has a **greater incidence** in one territory rather than another
- Evaluate given these differences whether it is necessary to look for and analyse **new data** to understand whether there is correlation with other phenomena.



The development of a phenomenon over time

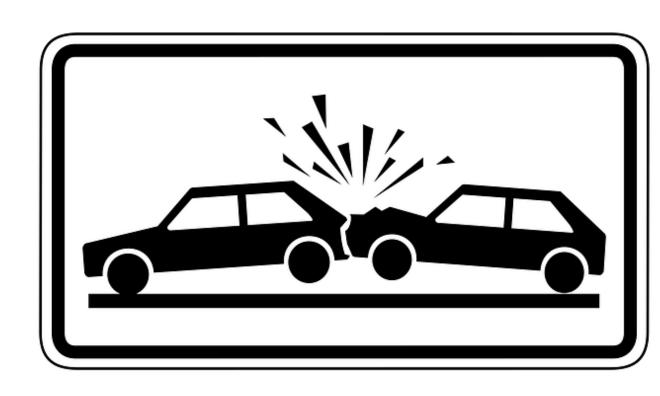
• Given a certain phenomenon, the aim is to understand how it recurs over time

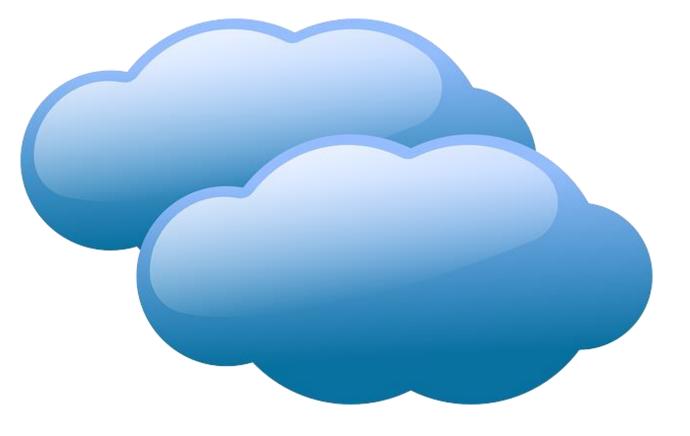




Some examples

- An accident occurs on a section of road: is it the first time this happened or is that section often affected by similar events?
- A flood causes damage: was it more intense than similar episodes or is it a territorial/town-planning problem?







The example: the impact of vaccines in the 20th century

- What was the trend of infectious diseases in the United States?
- What impact have vaccines had on individual diseases?
- Are there other significant territorial differences in proportion to the number of infected people?
- Are there some interesting outliers?



Battling Infectious Diseases in the 20th Century: The Impact of Vaccines

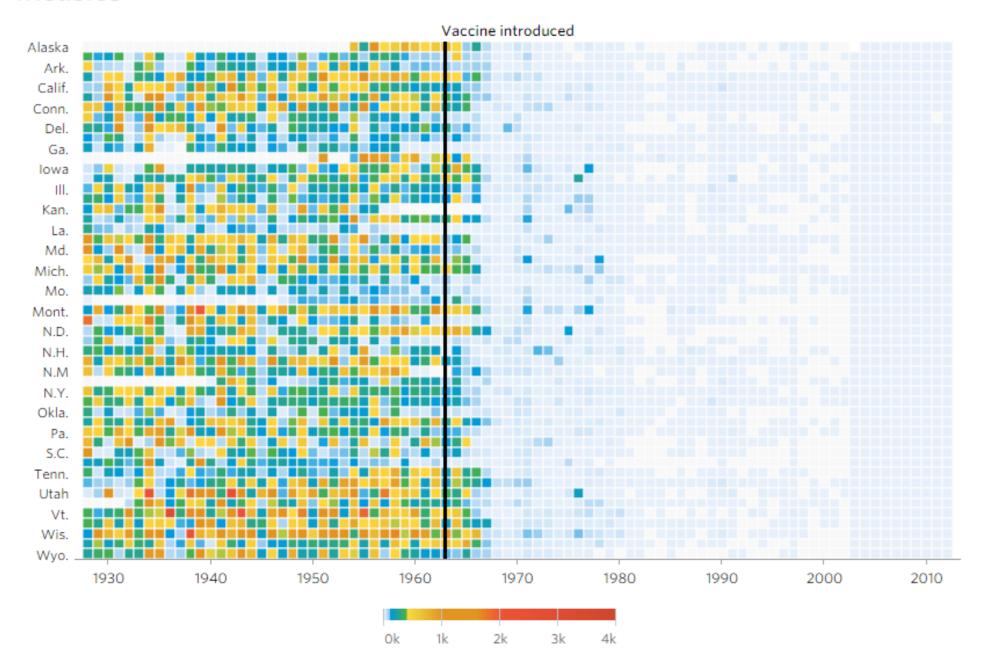
By Tynan DeBold and Dov Friedman

Published Feb. 11, 2015 at 3:45 p.m. ET

The number of infected people, measured over 70-some years and across all 50 states and the District of Columbia, generally declined after vaccines were introduced.

The heat maps below show number of cases per 100,000 people.

Measles



Interactive heat maps

showing the number of infected people, measured over a period of 80 years (from 1930 to 2010) in 50 American states. How have infections diminished following the introduction of vaccines?

WALL STREET JOURNAL (Data Journalism Award 2015,

Best Data Visualization)
http://graphics.wsj.com/infectious-diseases-and-vaccines/



Civic and participatory journalism

Many Data Journalism investigations, especially those related to government transparency, spring from an organised system of **information exchange**, where researchers, sociologists, experts or lay citizens who are passionate or interested about the topic, work alongside journalists.





The **VozData** initiative in Argentina, a platform that combines participation in civic monitoring with data journalism investigations.

LA NACION

http://blogs.lanacion.com.ar/projects/data/vozdata-ii-civic-participation-for-investigative-reporting-and-educational-platform/



WHAT IS DATA JOURNALISM (part one)