

RespireStat

Manuel
d'utilisation
User manual

Summary

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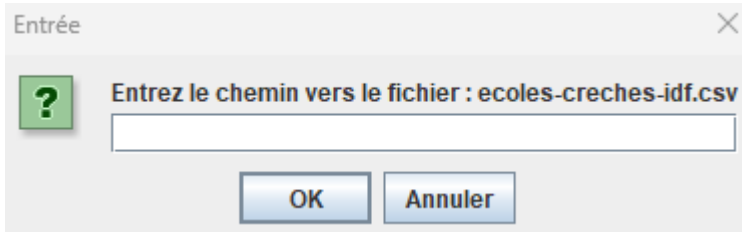
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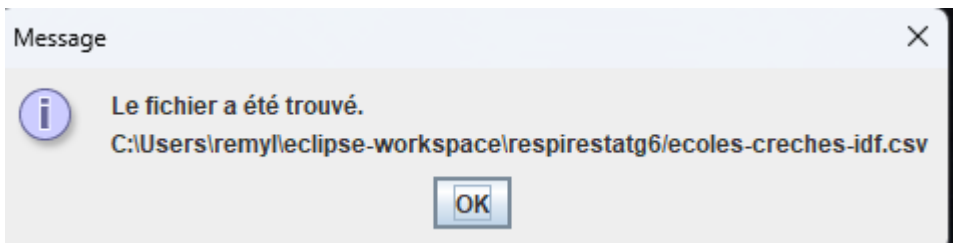
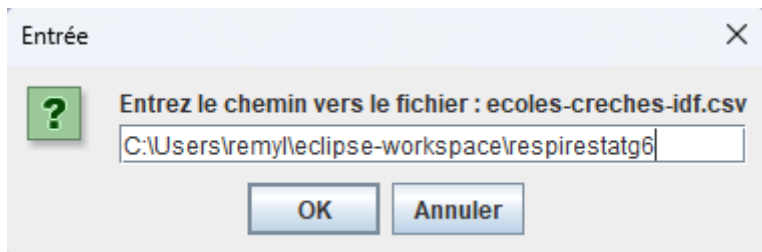
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Starting

1. Enter the CSVfile's path



2. Click on «ok»



The home tab



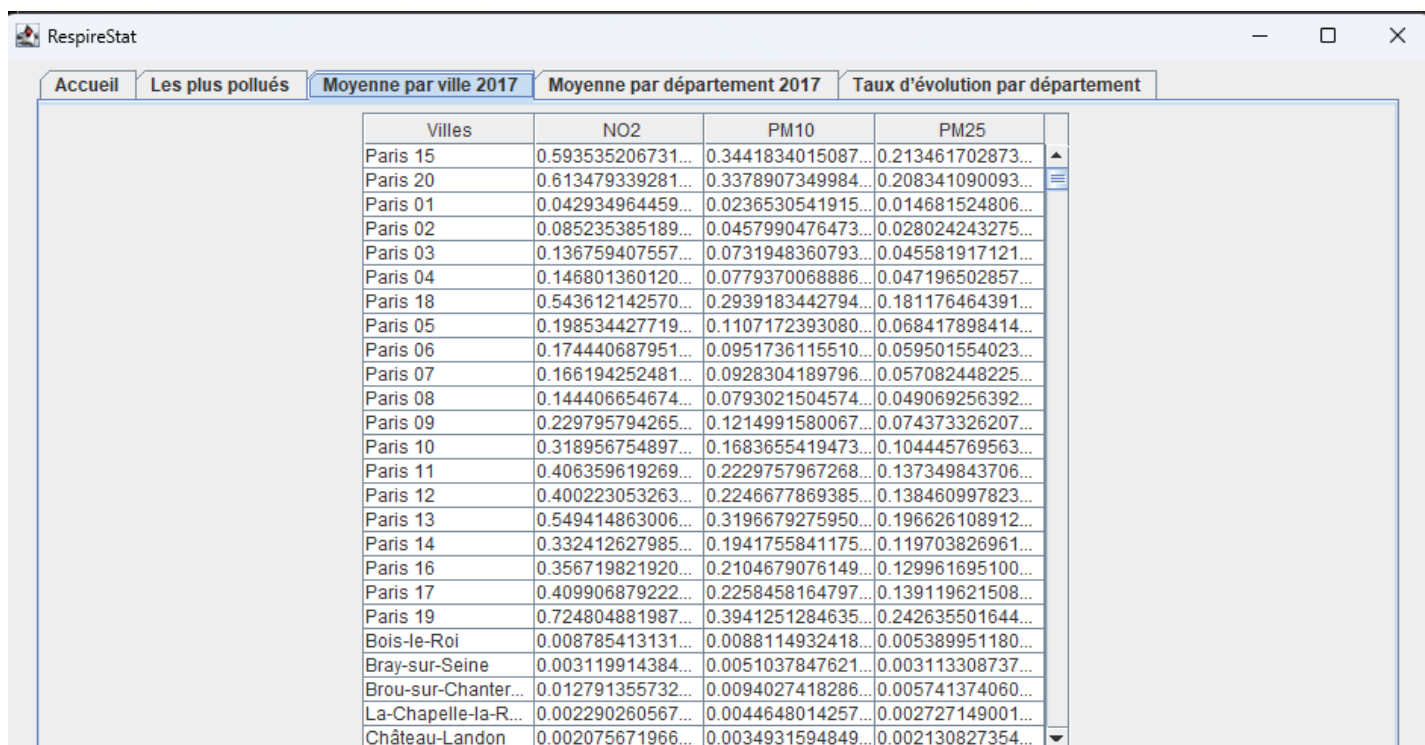
The most polluted

The screenshot shows the 'Les plus pollués' (Most polluted) tab of the RespireStat application. The window title is 'RespireStat'. The tab bar includes 'Accueil', 'Les plus pollués', 'Moyenne par ville 2017', 'Moyenne par département 2017', and 'Taux d'évolution par département'. The main content area displays a table with the following data:

| | 2012 | NO2 | PM10 | PM25 |
|-------------|------|-----------------------|-----------------------|-----------------------|
| Identifiant | 8629 | | 8629 | 8629 |
| Nom | | Crèche République ... | Crèche République ... | Crèche République ... |
| Ville | | Paris 10 | Paris 10 | Paris 10 |
| Département | | 75 | 75 | 75 |
| Taux | | 110.61703741550446 | 50.65149790048599 | 32.13541288375855 |
| Distance | | 2.12 | 2.12 | 2.12 |
| | 2013 | NO2 | PM10 | PM25 |
| Identifiant | 8629 | | 11256 | 8644 |
| Nom | | Crèche République ... | MA LPCR Montreuil | JE AJEFA FG ST MA... |
| Ville | | Paris 10 | Montreuil | Paris 10 |
| Département | | 75 | 93 | 75 |
| Taux | | 106.03506096601487 | 49.46199095547199 | 31.689544394612312 |
| Distance | | 2.12 | 7.72 | 2.62 |
| | 2014 | NO2 | PM10 | PM25 |
| Identifiant | 8629 | | 8629 | 8644 |
| Nom | | Crèche République ... | Crèche République ... | JE AJEFA FG ST MA... |
| Ville | | Paris 10 | Paris 10 | Paris 10 |
| Département | | 75 | 75 | 75 |
| Taux | | 100.03868634700774 | 44.2259242117405 | 26.352101854979992 |
| Distance | | 2.12 | 2.12 | 2.62 |

Visual of the most polluted places for each pollutant, their identifier, their department, the pollution rate and their distance from the Point Zero of the French roads.

The average by cities



| Villes | NO2 | PM10 | PM25 |
|----------------------|-------------------|--------------------|-------------------|
| Paris 15 | 0.593535206731... | 0.3441834015087... | 0.213461702873... |
| Paris 20 | 0.613479339281... | 0.3378907349984... | 0.208341090093... |
| Paris 01 | 0.042934964459... | 0.0236530541915... | 0.014681524806... |
| Paris 02 | 0.085235385189... | 0.0457990476473... | 0.028024243275... |
| Paris 03 | 0.136759407557... | 0.0731948360793... | 0.045581917121... |
| Paris 04 | 0.146801360120... | 0.0779370068886... | 0.047196502857... |
| Paris 18 | 0.543612142570... | 0.2939183442794... | 0.181176464391... |
| Paris 05 | 0.198534427719... | 0.1107172393080... | 0.068417898414... |
| Paris 06 | 0.174440687951... | 0.0951736115510... | 0.059501554023... |
| Paris 07 | 0.166194252481... | 0.0928304189796... | 0.057082448225... |
| Paris 08 | 0.144406654674... | 0.0793021504574... | 0.049069256392... |
| Paris 09 | 0.229795794265... | 0.1214991580067... | 0.074373326207... |
| Paris 10 | 0.318956754897... | 0.1683655419473... | 0.104445769563... |
| Paris 11 | 0.406359619269... | 0.2229757967268... | 0.137349843706... |
| Paris 12 | 0.400223053263... | 0.2246677869385... | 0.138460997823... |
| Paris 13 | 0.549414863006... | 0.3196679275950... | 0.196626108912... |
| Paris 14 | 0.332412627985... | 0.1941755841175... | 0.119703826961... |
| Paris 16 | 0.356719821920... | 0.2104679076149... | 0.129961695100... |
| Paris 17 | 0.409906879222... | 0.2258458164797... | 0.139119621508... |
| Paris 19 | 0.724804881987... | 0.3941251284635... | 0.242635501644... |
| Bois-le-Roi | 0.008785413131... | 0.0088114932418... | 0.005389951180... |
| Bray-sur-Seine | 0.003119914384... | 0.0051037847621... | 0.003113308737... |
| Brou-sur-Chantereau | 0.012791355732... | 0.0094027418286... | 0.005741374060... |
| La-Chapelle-la-Reine | 0.002290260567... | 0.0044648014257... | 0.002727149001... |
| Château-Landon | 0.002075671966... | 0.0034931594849... | 0.002130827354... |

The average rate of each pollutant by city.

The average by departments



| Départements | NO2 | PM10 | PM25 |
|--------------|-------------------|--------------------|-------------------|
| 75 | 6.574528124556... | 6.5745281245563... | 6.574528124556... |
| 77 | 2.212738407271... | 2.2127384072711... | 2.212738407271... |
| 78 | 2.479718782069... | 2.4797187820695... | 2.479718782069... |
| 91 | 2.446759855610... | 2.4467598556101... | 2.446759855610... |
| 92 | 3.656048754309... | 3.6560487543093... | 3.656048754309... |
| 93 | 4.012481071270... | 4.0124810712704... | 4.012481071270... |
| 94 | 3.293483977720... | 3.2934839777201... | 3.293483977720... |
| 95 | 2.263618415180... | 2.2636184151806... | 2.263618415180... |

The average rate of each pollutant by department.

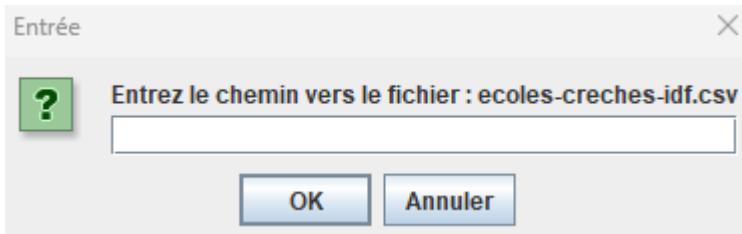
Percentage of rate change by year for each department

|  RespireStat | | | | | |
|--|-------------------|------------------------|------------------------------|----------------------------------|------------------|
| Accueil | Les plus pollués | Moyenne par ville 2017 | Moyenne par département 2017 | Taux d'évolution par département | |
| | | 2013 | Départements | NO2 | PM10 |
| | | PM25 | | | |
| | Par rapport à n-1 | 75 | -0.5698817703... | -2.4742272105... | 7.42164602494... |
| | | 77 | -10.425806959... | -4.9307406593... | 5.86463327648... |
| | | 78 | -4.8140318398... | -1.2640351879... | 9.81644933392... |
| | | 91 | -0.2682131369... | -2.3254842618... | 8.68323846687... |
| | | 92 | 6.77536214327... | -2.9069795625... | 7.64247150508... |
| | | 93 | -1.8564240358... | -2.1090345332... | 8.66505072241... |
| | | 94 | 2.80902508584... | -1.6139157067... | 9.22934101851... |
| | | 95 | -8.6150912385... | -6.4007062928... | 4.17785555862... |
| | | 2014 | Départements | NO2 | PM10 |
| | | PM25 | | | |
| | Par rapport à n-1 | 75 | -1.6863073257... | -13.498876237... | -18.640850617... |
| | | 77 | -9.2936900324... | -10.958230577... | -19.742289955... |
| | | 78 | -4.9025692758... | -14.376768796... | -20.420422034... |
| | | 91 | -4.7848851614... | -13.271919168... | -19.340731445... |
| | | 92 | -9.9587383447... | -16.653966839... | -21.300152739... |
| | | 93 | -0.1991849550... | -11.266461590... | -16.391967566... |
| | | 94 | -4.7261262601... | -16.029367928... | -20.770228936... |
| | | 95 | 1.23804819643... | -8.9037439379... | -14.496106731... |

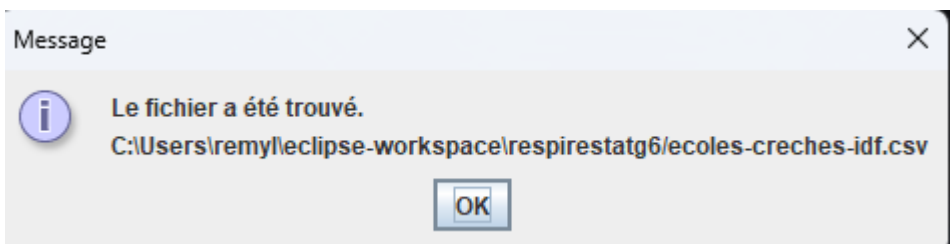
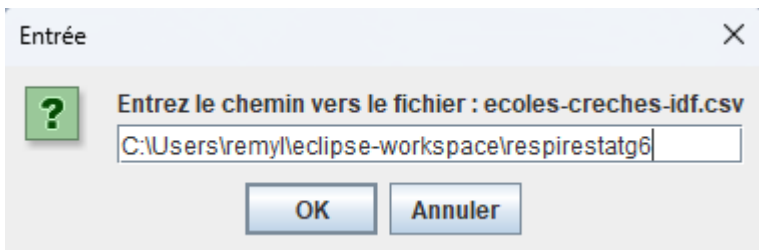
The rate of change of pollutants by department and by year.

Commencer

1. Entrez le chemin de votre fichier CSV



2. Cliquez sur «ok»



Page d'accueil



Les plus pollués

The screenshot shows the 'Les plus pollués' (Most polluted) tab selected in the RespireStat application. The window title is 'RespireStat'. The navigation bar includes tabs for 'Accueil', 'Les plus pollués', 'Moyenne par ville 2017', 'Moyenne par département 2017', and 'Taux d'évolution par département'. The main content area displays a table with pollution data for three years (2012, 2013, and 2014) across four pollutants (NO2, PM10, and PM25). The table is organized into three sections, one for each year, with columns for the pollutant and its corresponding data.

| 2012 | NO2 | PM10 | PM25 |
|-------------|-----------------------|-----------------------|-----------------------|
| Identifiant | 8629 | 8629 | 8629 |
| Nom | Crèche République ... | Crèche République ... | Crèche République ... |
| Ville | Paris 10 | Paris 10 | Paris 10 |
| Département | 75 | 75 | 75 |
| Taux | 110.61703741550446 | 50.65149790048599 | 32.13541288375855 |
| Distance | 2.12 | 2.12 | 2.12 |

| 2013 | NO2 | PM10 | PM25 |
|-------------|-----------------------|-------------------|----------------------|
| Identifiant | 8629 | 11256 | 8644 |
| Nom | Crèche République ... | MA LPCR Montreuil | JE AJEFA FG ST MA... |
| Ville | Paris 10 | Montreuil | Paris 10 |
| Département | 75 | 93 | 75 |
| Taux | 106.03506096601487 | 49.46199095547199 | 31.689544394612312 |
| Distance | 2.12 | 7.72 | 2.62 |

| 2014 | NO2 | PM10 | PM25 |
|-------------|-----------------------|-----------------------|----------------------|
| Identifiant | 8629 | 8629 | 8644 |
| Nom | Crèche République ... | Crèche République ... | JE AJEFA FG ST MA... |
| Ville | Paris 10 | Paris 10 | Paris 10 |
| Département | 75 | 75 | 75 |
| Taux | 100.03868634700774 | 44.2259242117405 | 26.352101854979992 |
| Distance | 2.12 | 2.12 | 2.62 |

Visuel des lieux les plus pollués pour chaque polluant, leur identifiant, leur département, le taux de pollution et leur distance par rapport au Point Zéro des Routes de France.

La moyenne par ville

| RespireStat | | | | |
|---|-------------------|--------------------|-------------------|---|
| Accueil Les plus pollués Moyenne par ville 2017 Moyenne par département 2017 Taux d'évolution par département | | | | |
| Villes | NO2 | PM10 | PM25 | |
| Paris 15 | 0.593535206731... | 0.3441834015087... | 0.213461702873... | ▲ |
| Paris 20 | 0.613479339281... | 0.3378907349984... | 0.208341090093... | ≡ |
| Paris 01 | 0.042934964459... | 0.0236530541915... | 0.014681524806... | |
| Paris 02 | 0.085235385189... | 0.0457990476473... | 0.028024243275... | |
| Paris 03 | 0.136759407557... | 0.0731948360793... | 0.045581917121... | |
| Paris 04 | 0.146801360120... | 0.0779370068886... | 0.047196502857... | |
| Paris 18 | 0.543612142570... | 0.2939183442794... | 0.181176464391... | |
| Paris 05 | 0.198534427719... | 0.1107172393080... | 0.068417898414... | |
| Paris 06 | 0.174440687951... | 0.0951736115510... | 0.059501554023... | |
| Paris 07 | 0.166194252481... | 0.0928304189796... | 0.057082448225... | |
| Paris 08 | 0.144406654674... | 0.0793021504574... | 0.049069256392... | |
| Paris 09 | 0.229795794265... | 0.1214991580067... | 0.074373326207... | |
| Paris 10 | 0.318956754897... | 0.1683655419473... | 0.104445769563... | |
| Paris 11 | 0.406359619269... | 0.2229757967268... | 0.137349843706... | |
| Paris 12 | 0.400223053263... | 0.2246677869385... | 0.138460997823... | |
| Paris 13 | 0.549414863006... | 0.3196679275950... | 0.196626108912... | |
| Paris 14 | 0.332412627985... | 0.1941755841175... | 0.119703826961... | |
| Paris 16 | 0.356719821920... | 0.2104679076149... | 0.129961695100... | |
| Paris 17 | 0.409906879222... | 0.2258458164797... | 0.139119621508... | |
| Paris 19 | 0.724804881987... | 0.3941251284635... | 0.242635501644... | |
| Bois-le-Roi | 0.008785413131... | 0.0088114932418... | 0.005389951180... | |
| Bray-sur-Seine | 0.003119914384... | 0.0051037847621... | 0.003113308737... | |
| Brou-sur-Chantereau | 0.012791355732... | 0.0094027418286... | 0.005741374060... | |
| La-Chapelle-la-Reine | 0.002290260567... | 0.0044648014257... | 0.002727149001... | |
| Château-Landon | 0.002075671966... | 0.0034931594849... | 0.002130827354... | ▼ |

Le taux moyen de chaque polluant par ville.

La moyenne par départements

| RespireStat | | | | |
|---|-------------------|--------------------|-------------------|--|
| Accueil Les plus pollués Moyenne par ville 2017 Moyenne par département 2017 Taux d'évolution par département | | | | |
| Départements | NO2 | PM10 | PM25 | |
| 75 | 6.574528124556... | 6.5745281245563... | 6.574528124556... | |
| 77 | 2.212738407271... | 2.2127384072711... | 2.212738407271... | |
| 78 | 2.479718782069... | 2.4797187820695... | 2.479718782069... | |
| 91 | 2.446759855610... | 2.4467598556101... | 2.446759855610... | |
| 92 | 3.656048754309... | 3.6560487543093... | 3.656048754309... | |
| 93 | 4.012481071270... | 4.0124810712704... | 4.012481071270... | |
| 94 | 3.293483977720... | 3.2934839777201... | 3.293483977720... | |
| 95 | 2.263618415180... | 2.2636184151806... | 2.263618415180... | |

Le taux moyen de chaque polluant par département.

Pourcentage d'évolution par département, par année

RespireStat

| Accueil | Les plus pollués | Moyenne par ville 2017 | Moyenne par département 2017 | Taux d'évolution par département |
|-------------------|------------------|------------------------|------------------------------|----------------------------------|
| | | | | |
| 2013 | | | | |
| Départements | | | | |
| NO2 | | | | |
| PM10 | | | | |
| PM25 | | | | |
| Par rapport à n-1 | 75 | -0.5698817703... | -2.4742272105... | 7.42164602494... |
| | 77 | -10.425806959... | -4.9307406593... | 5.86463327648... |
| | 78 | -4.8140318398... | -1.2640351879... | 9.81644933392... |
| | 91 | -0.2682131369... | -2.3254842618... | 8.68323846687... |
| | 92 | 6.77536214327... | -2.9069795625... | 7.64247150508... |
| | 93 | -1.8564240358... | -2.1090345332... | 8.66505072241... |
| | 94 | 2.80902508584... | -1.6139157067... | 9.22934101851... |
| | 95 | -8.6150912385... | -6.4007062928... | 4.17785555862... |
| 2014 | | | | |
| Départements | | | | |
| NO2 | | | | |
| PM10 | | | | |
| PM25 | | | | |
| Par rapport à n-1 | 75 | -1.6863073257... | -13.498876237... | -18.640850617... |
| | 77 | -9.2936900324... | -10.958230577... | -19.742289955... |
| | 78 | -4.9025692758... | -14.376768796... | -20.420422034... |
| | 91 | -4.7848851614... | -13.271919168... | -19.340731445... |
| | 92 | -9.9587383447... | -16.653966839... | -21.300152739... |
| | 93 | -0.1991849550... | -11.266461590... | -16.391967566... |
| | 94 | -4.7261262601... | -16.029367928... | -20.770228936... |
| | 95 | 1.23804819643... | -8.9037439379... | -14.496106731... |

Le taux d'évolution des polluant par département et par année.