



LEGAMBIENTE

MAL'ARIA DI CITTÀ TOSCANA

Luci ed ombre dell'inquinamento
atmosferico nelle città italiane



VALORI LIMITE PER LA PROTEZIONE DELLA SALUTE UMANA

INQUINANTE	SOGLIA STABILITA DAL D.LGS. 155/2010	SOGLIA STABILITA DALL'OMS
Particolato fine: PM10	Media mobile annuale: 40 µg/mc (n° superamenti/anno consentiti <35)	Soglia 2005: 20 µg/mc (media annuale) Soglia 2021: 15 µg/mc (media annuale)
Particolato ultrafine: PM2,5	Media mobile annuale: 25 µg/mc	Soglia 2005: 10 µg/mc (media annuale) Soglia 2021: 5 µg/mc (media annuale)
Biossido di Azoto: NO₂	Media mobile annuale: 40 µg/mc	Soglia 2005: 40 µg/mc (media annuale) Soglia 2021: 10 µg/mc (media annuale)
Ozono: O₃	Media max/giorno su 8h: 120 µg/mc (n° superamenti/anno consentiti <25 sulla media triennale)	Media max/giorno su 8h: 60 µg/mc (nuova soglia da Linee Guida 2021)

DATI PROVVISORI 2024- INDICATORI ANNUALI Toscana Qualità dell'aria (1)

Il numero di cifre riportate per ciascun indicatore è quello previsto dalla normativa con i conseguenti criteri di approssimazione del numero.

STAZIONE	COMUNE	ZONA	PM10 µg/m³ media	PM10 Numero media giornaliera di 50µg/m³ Sup.*	PM2.5 µg/m³ media	NO2 µg/m³ Media	Ozono n. sup max media 8 ore di 120 µg/m3
FI-Boboli	Firenze	Agglomerato Firenze	19	7			
FI-Bassi	Firenze		22	11	11	16	
FI-Gramsci	Firenze		29	27	14	37	
FI-Mosse	Firenze		27	27		29	
FI-Scandicci	Scandicci		18	8		18	
FI-Signa	Signa		23	24		13	27
FI-Settignano	Firenze					5	22
PO-Roma	Prato	Zona Prato Pistoia	23	24	15	20	
PO-Ferrucci	Prato		22	21	13	20	
PT-Signorelli	Pistoia		21	10		16	
PT-Montale	Montale		25	28	17	13	29
AR-Acropoli	Arezzo	Zona Valdarno aretino e Valdichiana	20	11	13	12	7
FI-Figline	Figline ed Incisa Valdarno		21	10		14	
AR-Repubblica	Arezzo		24	19		26	
GR-URSS	Grosseto	Zona costiera	18	6	10	15	
GR-Sonnino	Grosseto		24	7		29	
GR-Maremma	Grosseto					4	18
LI-Cappiello	Livorno		16	4	8	12	
LI-Carducci	Livorno		22	7	10	30	
LI-Via La Pira	Livorno		19	5		15	
LI-Cotone	Piombino		17	6		14	
LI-Parco 8 Marzo	Piombino		18	4		11	
MS-Colombarotto	Carrara		20	5		10	
MS-Marina vecchia	Massa		22	6	12	13	
LU-Viareggio	Viareggio		25	17	13	17	
LU-Capannori	Capannori	Zona Valdarno pisano e Piana lucchese	28	50	19	15	
LU-San Concordio	Lucca		24	16		16	
LU-Micheletto	Lucca		27	28		19	
LU-Carignano	Lucca					7	23
PI-Passi	Pisa		22	10	12	12	7
PI-Borghetto	Pisa		22	11	14	23	
PI-Santa Croce	Santa Croce sull'Arno		25	20		15	5
PI-Montecerboli	Pomarance	Zona collinare e montana	12	4		4	14
AR-Casa Stabbi	Chitignano		10	8	5	2	7
SI-Poggibonsi	Poggibonsi		18	5	11	13	
SI-Bracci	Siena		19	6		26	
LU-Fornoli	Bagni di Lucca		23	9		9	

Fonte ARPAT

* Sono riportati tutti i superamenti al lordo di quelli da attribuire a fenomeni naturali.

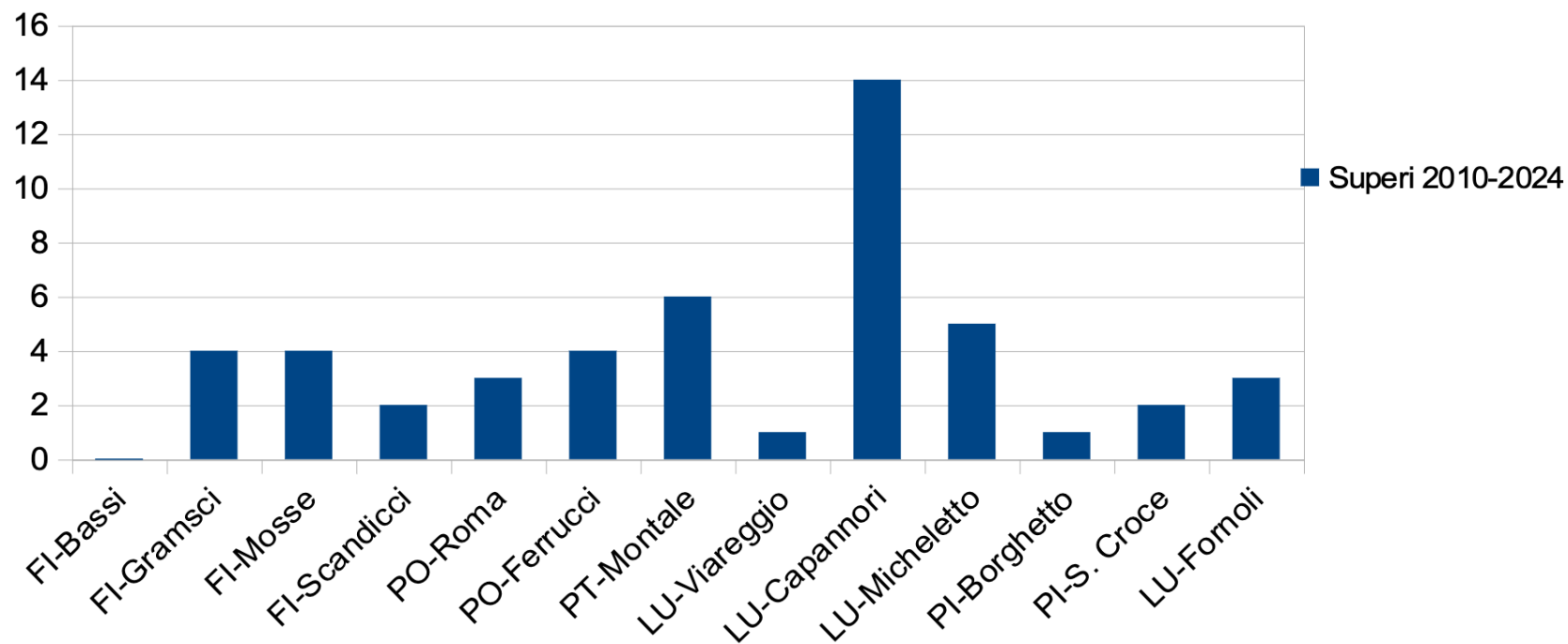
Si ricorda che per il confronto ufficiale devono essere sottratti per ciascuna stazione i superamenti causati da eventi naturali.

(1) NO2 numero di superamenti di 50 µg/m³ Indicatore non previsto dalla vigente normativa

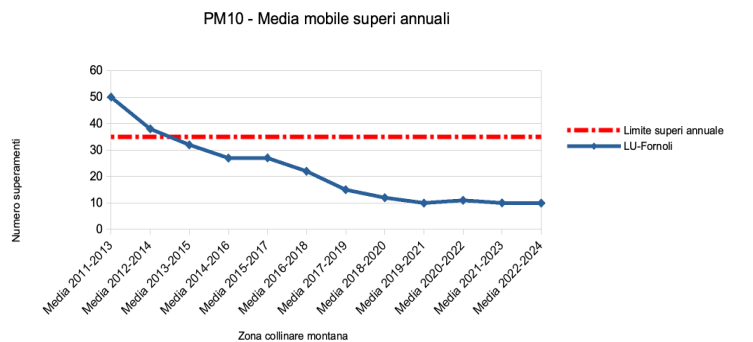
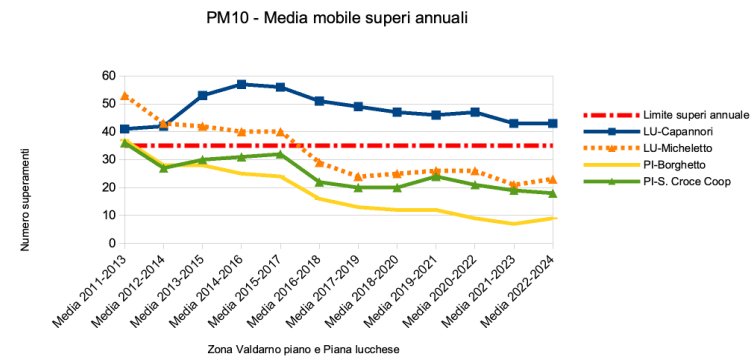
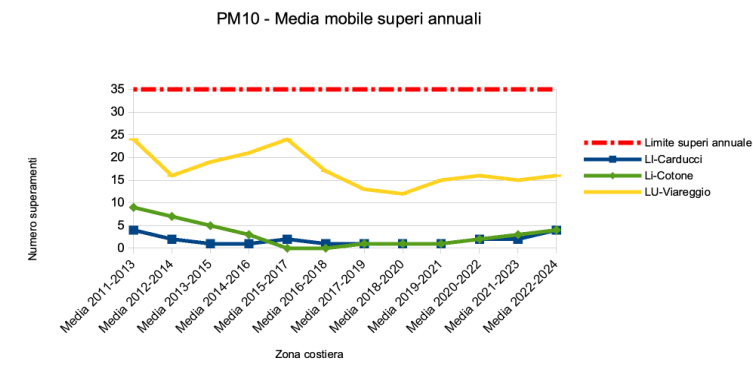
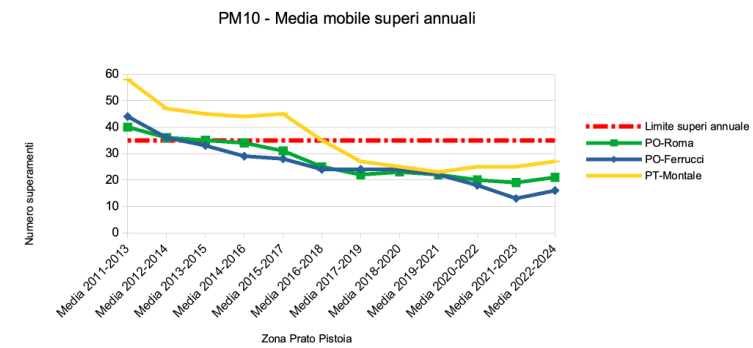
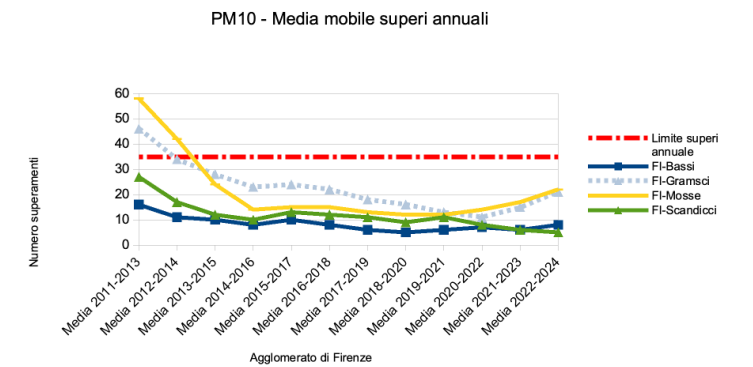
PM10 – Rete di rilevamento regionale

Numero delle annualità di superamento della media giornaliera del PM10 oltre i 35 gg/anno

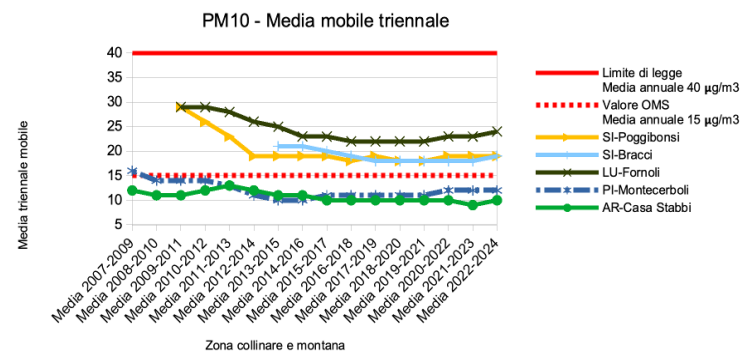
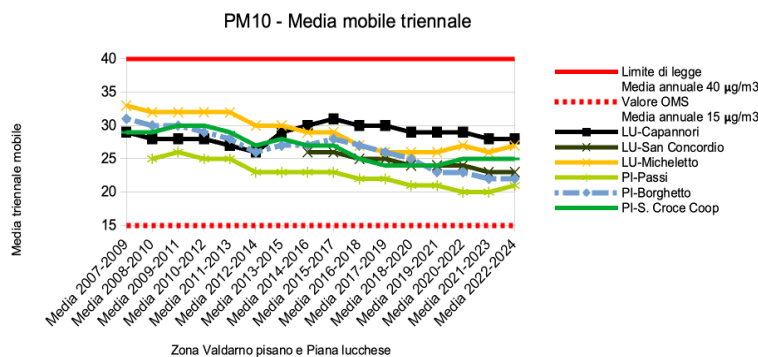
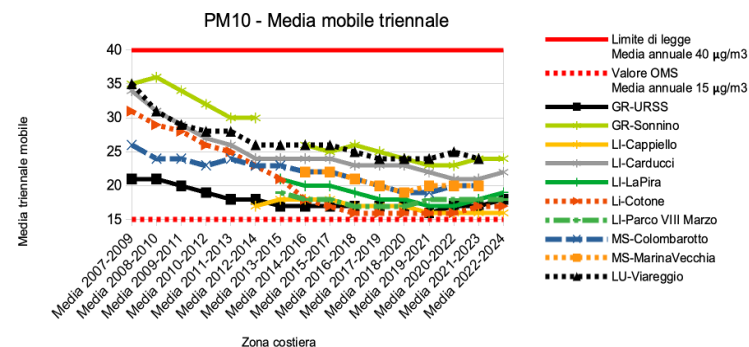
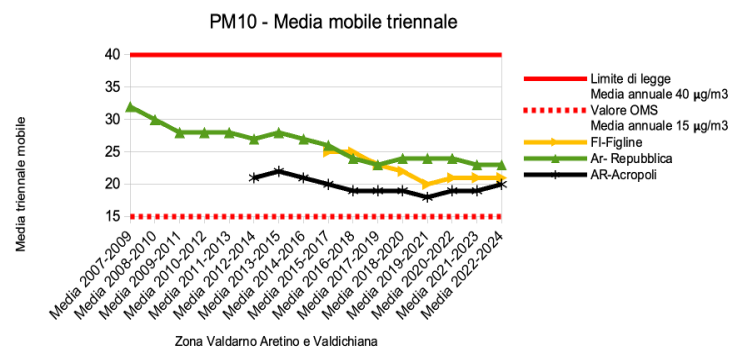
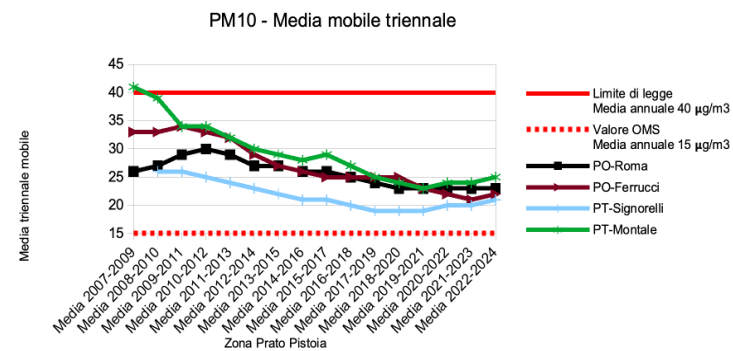
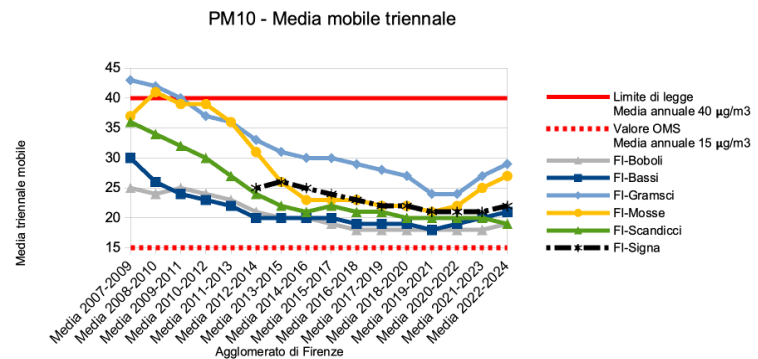
Superi PM 10 V.L. > 35 gg/anno, con serie dati > 90% - Anni 2010-2024



PM10 - Media mobile triennale dei superi annuali del PM10

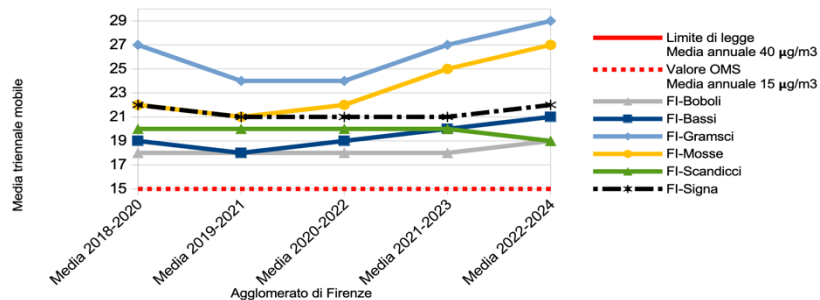


PM10 - Media mobile triennale

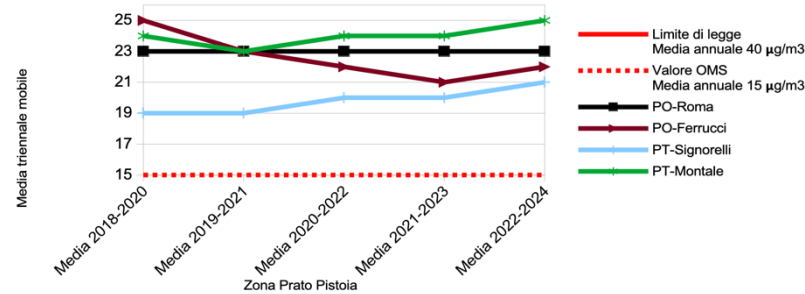


PM10 - Media mobile triennale – dettaglio trienni 2018-2020 / 2022-2024

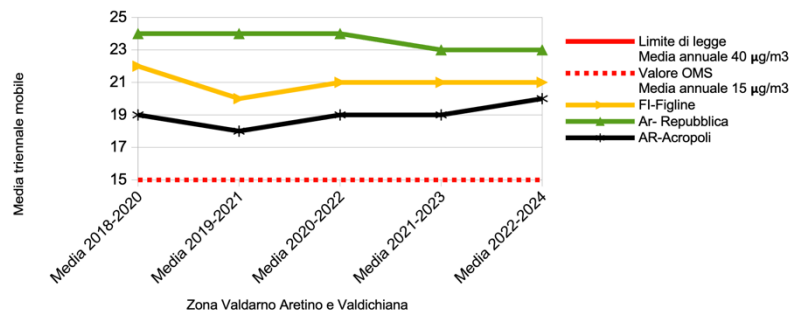
PM10 - Media mobile triennale



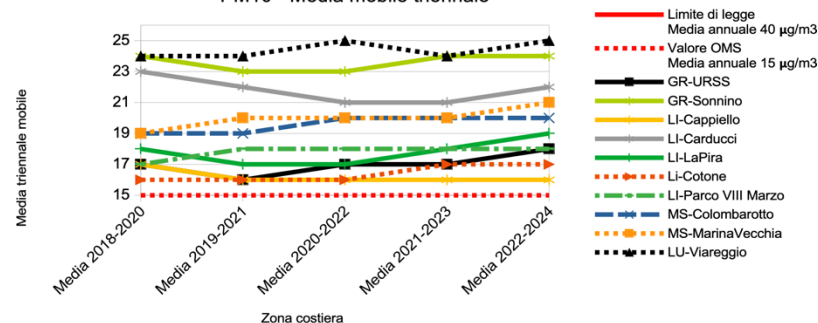
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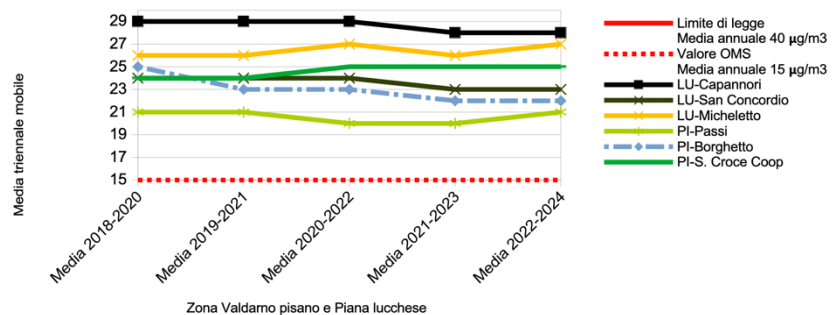
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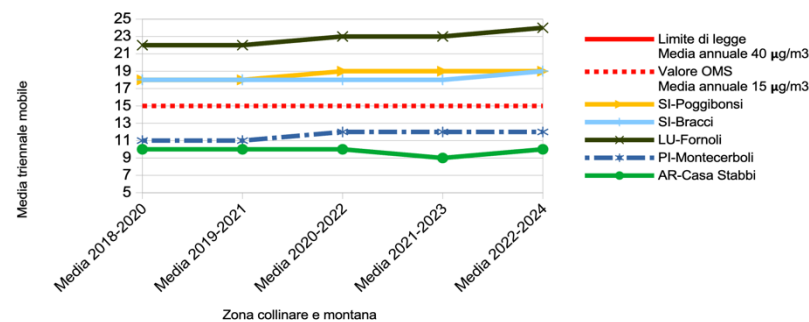
PM10 - Media mobile triennale



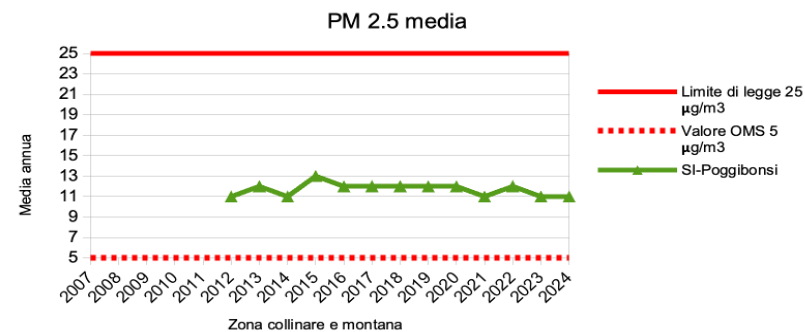
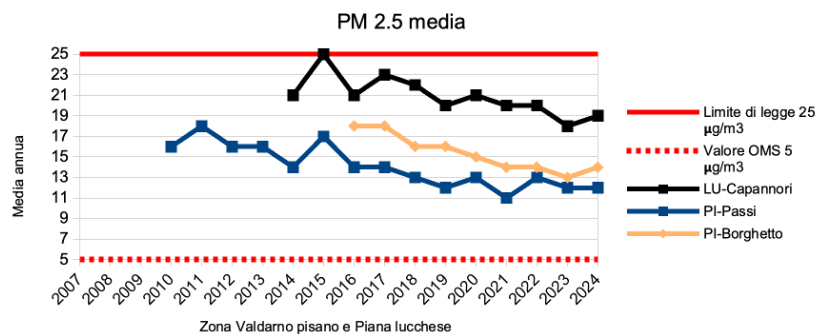
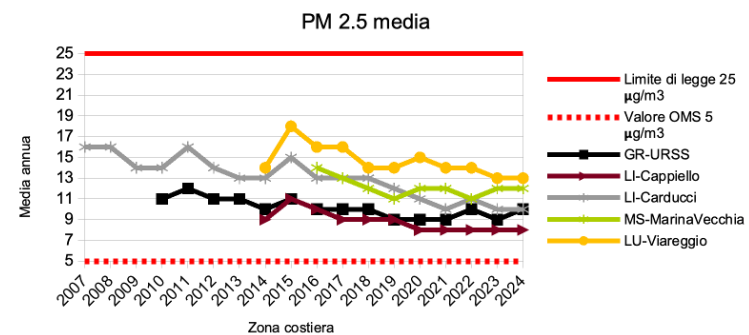
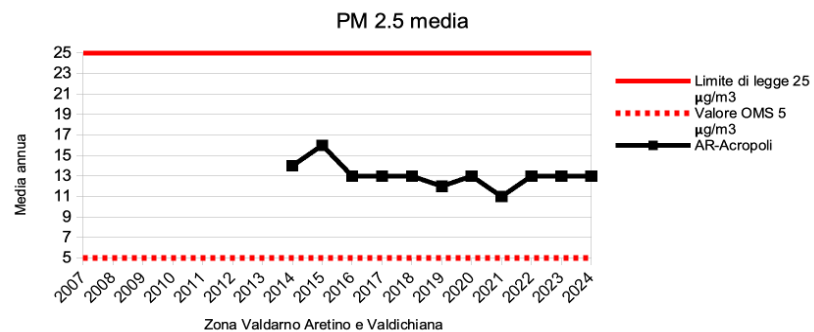
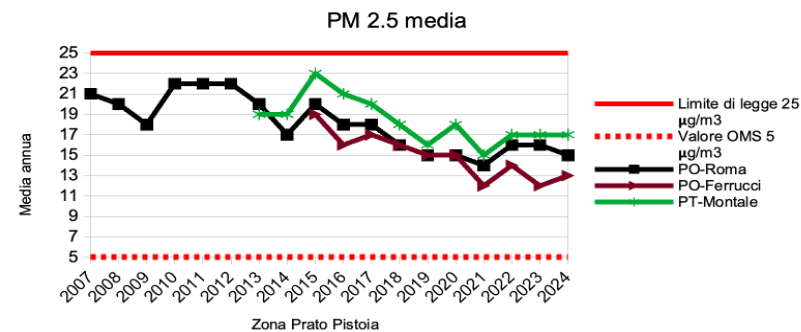
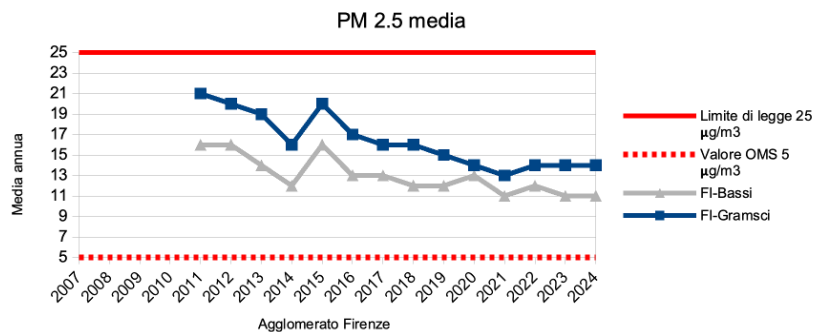
PM10 - Media mobile triennale



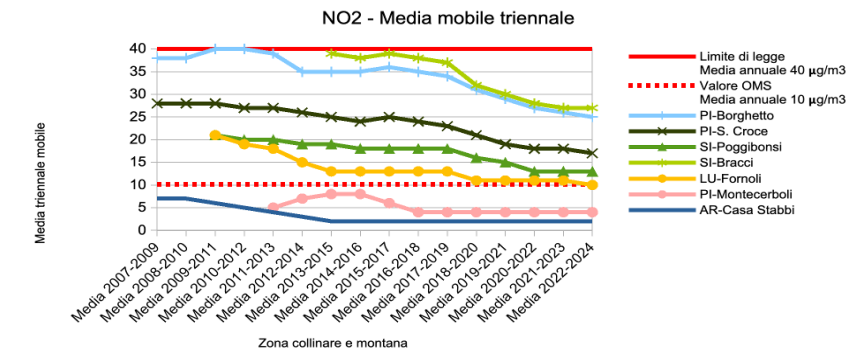
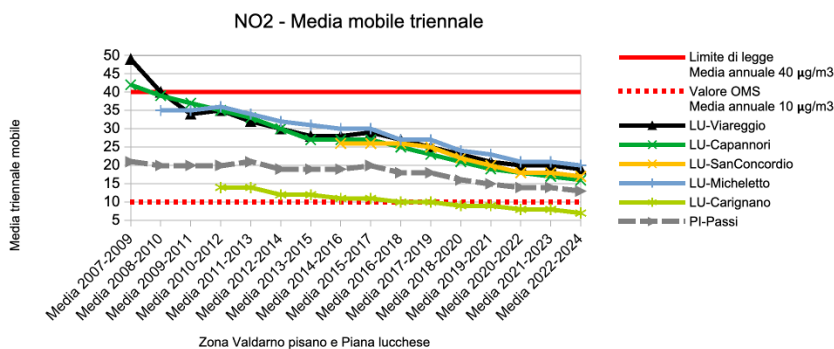
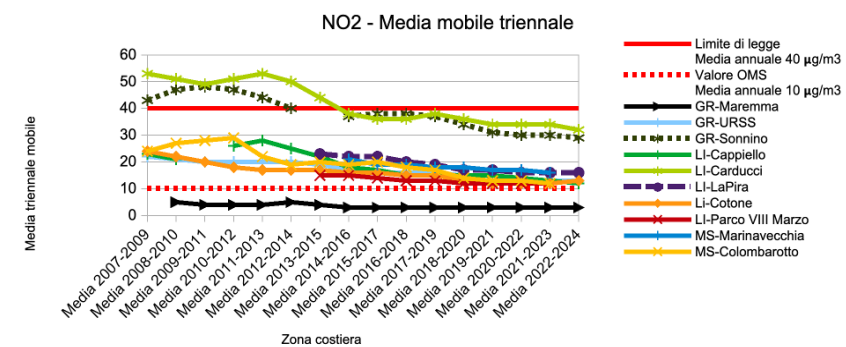
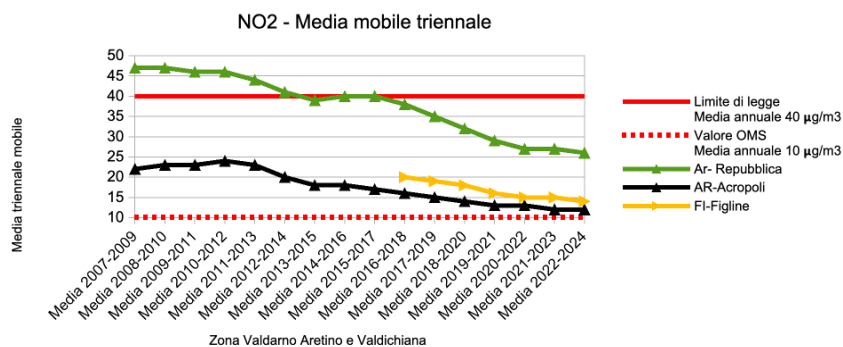
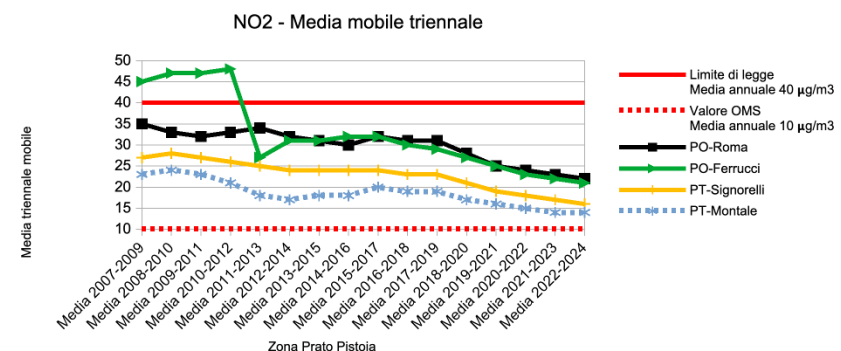
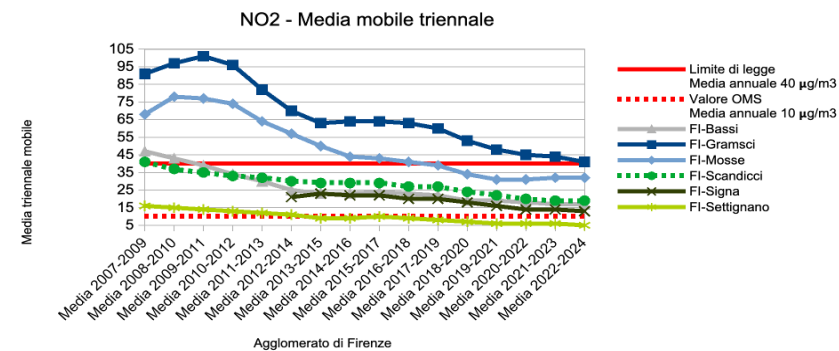
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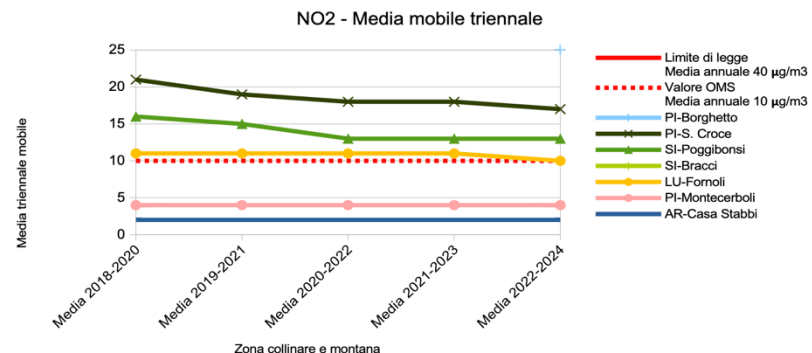
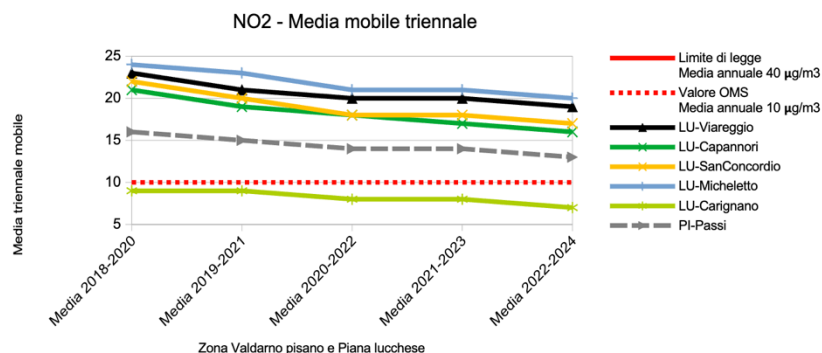
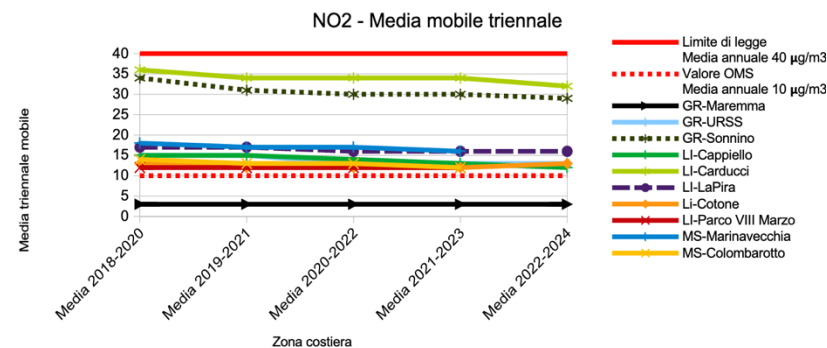
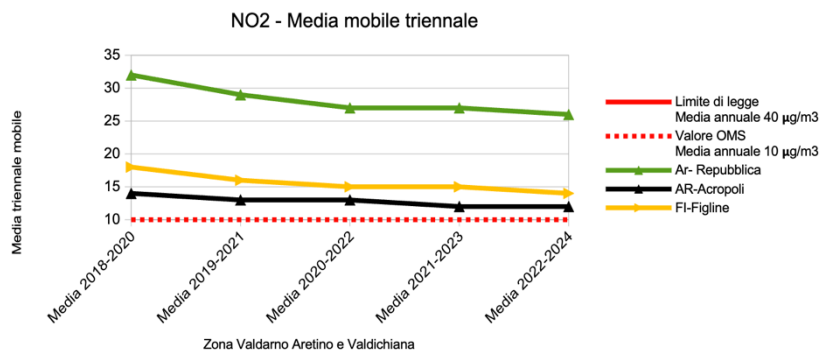
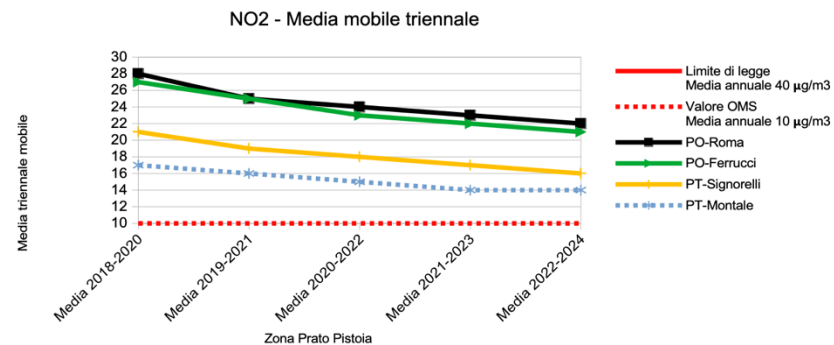
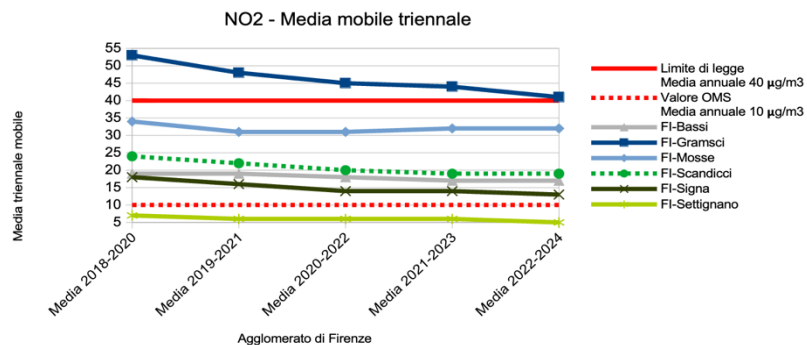
PM2.5 - Media annuale



NO2 - Media mobile triennale della media annuale



NO2 - Media mobile triennale della media annuale – dettaglio trienni 2018-2020 / 2022-2024



OZONO: Valore obiettivo per la protezione della salute umana limite 25 superamenti come media di tre anni

OZONO: Valore obiettivo per la protezione della salute umana limite 25 superamenti come media di tre anni

