

# Ewe Kapasen nesen

## *Ewe nenien tumunu ewe neni ren pekiin unumach safei Washington Environmental Health Disparities (EHD) Map*



Rananim. Kinisou Chapur ren om mochen kaeo porousen ekewe kinikinin me koukun Environmental Health Disparities (EHD, Sokofesenin Pochokunen Environment) Map themes me measures. Pokiten ekkewe porousen aramas, sia sinei pwe ekkewe aramas ra mochen angei ew pisekin aninis mei mwitir ne awewei ekkewe 25 napanap me annuk ren ewe version 3.0 non ewe EHD Map.

Ew **itenapen** ew mwichen mecheresin ririfengen ren ran mi ririfengen, usun ekkewe pisekin pwarata usun neni.

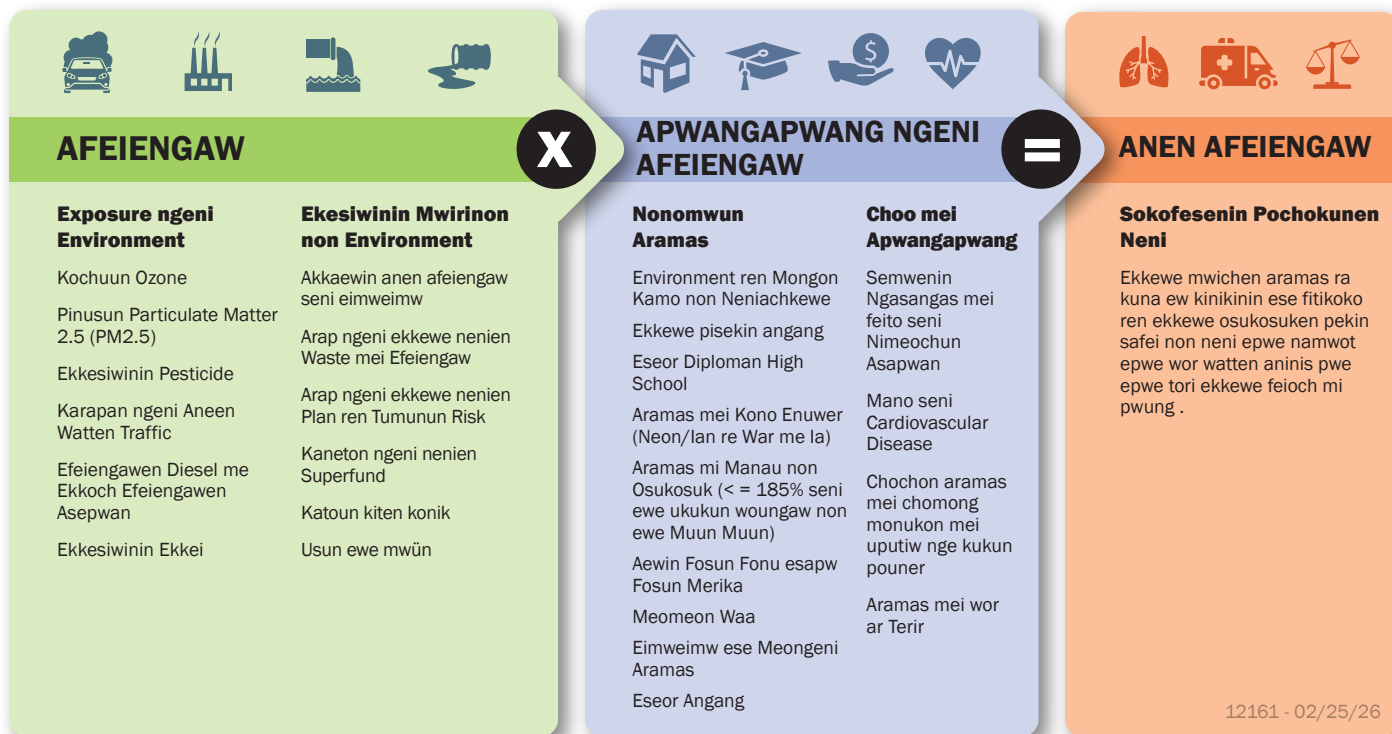
**Ekkewe mecheresin** ir ekkewe mettochun emon me emon ren pekin safei, nonomun neni, ika nonomun aramas.

Ew me ew koukun mei wor afeiengawan ngeni ewe environment ika mei ekesiwini apwangapwangen aramas ngeni met mei afeiengaw ngeni environment.

- **Afeiengawan ngeni ewe environment** e wewengeni ekewe metoch mei afeiengaw ngeni ewe environment me pochokunen aramas, ussun nimengawen asapwan me konik, watten traffic (fitefoch chitosa e watte seni ewe koukun aan), me keuatan teniniimw (mwitirin keuun city me teniniimw). Ekei afeiengaw mei tongeni awenewen ngeni pochokunen aramas, ussun forutan an aramas repwe mwi ika ngaw ngenir, ika non an ese kon awenewen ussun weiresin ar repwe tour ngeni neni.
- **Ewe tufichin feiengaw ren feiengawen neni** a wewe ngeni napanapen emon aramas ika mwichen aramas mei tongeni epwe watteno feiengawen ew feiengawen neni. Ekoch kumien choo mei kon afeiengaw ngeni met mei afeiengaw ngeni environment faniten sokur ren ierir, ar emon mwan ika fefin me met ra finata repwe emon, eoroni, namanam, terir, pwusin ar semwen, nonomweochur, ian re nonom ia, ika ian ra saino repwe nom ia.

Ekkei 25 mettoch ra nom fan ekkewe itelap usun ekkewe feiengawen neni, ekkewe feiengawen neni, nonomwun aramas, ika choo mei apwangapwang. Nape ngeni ekkewe mettoch mi kapachelong lon ewe kinikin 2.0 ra kokkot ren ewe kinikinin 3.0.

# Afeiengaw X Apwangapwang = Anen Afeiengaw



Pollution, monien manau, me pwan ekkoch osukosuken aramas rese pwisin fis. Ra rififengen me ekkewe feiengaw mi sopwosopwolo ren lifilifil aramas, lifilifil aramas, me pwal ekkoch forfor ese pwung pwe epwe atai pochokkulen aramas.



## Pekin Safai Kane Ngeni

Ei itelap a kapachelong wonu minen aukukun limengauen fonufan. Aramas mei toriir ei nimengaw non ar ngaseri asapwan, mongo, uun konik, ika nonom unukun ew neni mei afeiengaw ngeni environment. Ei nimengaw mei tongeni efisata nampenon ekkesiwinin pochokun, seni weiresin ar ngaseri asapwan ngeni cancer.



## Kochuun Ozone

Ozone och sokun asapwan e for seni ekewe exhaust won chitosa, kokuun omwuch, pwomwen gas, me ekkoch anen forutan nimengawen non asapwan. Watten levelun ozone mei tongeni efisata mwi me semwenin ngasangas. Chon angang nukun me kukun semirit ekena rekan kon feiengaw ren.

## Pinusun Particulate Matter 2.5 (PM2.5)

PM2.5 ir kukkun kinikin mi foruta ren ewe angangen keni och mettoch, ekkei non fonu pon, ekkewe nenien angang, me ekkewe mota. Ewe watten PM2.5 epwe tongeni atai ewe puun. Ei epwe tongeni efisata weires ne ngasangas me mwitir mano, akkaewin ngeni aramas mei wor uruon ar uri lung are semwenin letip.



## Expose ngeni Environment (soposopono)



### Expose ngeni Ninnin Monun Ira

Ekkewe safeien opuchopuch ra tongeni efisata watten osukosuken pekin safei, usun osukosuken ngasangas ika feiengawen inisumw. Chon atake, chon nonom non teniniimw kukun, me famini mei weiresin moni ikenair ekena epwe watte anen repwe expose ngeni ekewe ninnin monun ira.

### Karapan ngeni Aneen Watten Traffic

Karapen emon ngeni aan mei chok chomong chon sa won mei tongeni exposini aramas ngeni watten nimengawen non asapwan iwe a efisata osukosuken pochokuner ussun asthma. Faniten uruon eimwumwun aramas, ekewe mei osupwang me aramas re eimwuniir e forutiw ar teniniimw aropen ekei aan. Ena mettoch a efisata watte feiengawen ar repwe uri semmwun lon letip me cancer.



### Efeiengawen Diesel me Ekkoch Efeiengawen Asepwan

Ekkewe limengaw mi efeiengaw lón ewe ásepwál, mi pwal iteni air toxics, ra feito seni chómmóng mettóch, áwewe chék ren ekkewe tarakú, tarakú, ekkewe factory, me ekkewe irá mi keni. Ach ässäwa ekkewe minen efeiengaw a tongeni efisi kanser me pwal ekkoch osukosuk watte. Non ewe state Washington, nap seni esopw ewe feiengawen cancer seni ekkewe poison non asepan a fis pokiten ekkewe pisekin diesel. Ekkewe al mi uren aramas, ekkewe port, me ekkewe factory ra kan foruta arap ngeni ekkewe leeni mi fen kkuf ren uruwo, iwe, a efisi an ekkena leeni repwe kuna chomong osukosuken pekin safei.

### Expose ngeni Etuwetun Kkar

Expose ngeni etuwetun kkar ewe koukun etuwet emon aramas mei expose ngeni non fansoun kkar (napengeni ekan seni June ngeni September). An emon ngaseranong ekkei mei tongeni forata weiresin an ngaseri asapwan me osukosuken ngasangasan. Noninen faniten pochokunen aramas seni etuwetun kkar mei watte non ekewe kukun teniniimw me ngeni ekewe eseor ar ika rese tour ngeni pisekin nimetin asapwan.





## Pekin Safei Ekkewe feioch

Ei itelap a nenengeni ekkewe nenien pollution mei tongeni efisata osukosuken pekin safei. Chommong me lein ekkena minen aukuuk ra apachalong ewe towau ngeni eu leeni mi tongeni efisata limengau. Ei limengau epwe tongeni efeiengawa ewe neni me ekkewe man non ewe neni, aea pisek, me efisata osukosuken pekin safei ngeni aramas mi nomw ika angang unukun. Ekewiwiniin mwirinon non environment mei tongeni mwitir ika mang ngeni ekewe maan ika choon aramas mei kanengeni.



### Afeiengawan Lead seni iimw

Afeiengawan lead seni iimw ewe percentin iimw mei chiwen wor peinitin mei wor lead non (anongonong won ewe ier e keuu ewe iimw). Ekewe iimw e keuta mwirin 1978 mei tikin pwun mei tumwun seni ekewe peinitin mei wor lead non. Lead ew mecha mei toxic mei kon afeiengaw ngeni semirit. Eseor koukun lead epwe tumwun ren.

### Arap ngeni ekkewe nenien Waste mei Efeiengaw

Hazardous waste from industrial sites can contaminate air, water, and soil. An emon nonom non neni mei kanengeni ekewe iimw mei tongeni forata sokopaten semwen mei pachenong semwenin ngasangas me osukosuken amatan. Ekkewe mwichen aramas mi pwech me Latinae, pwan ekkewe rese kon watte ar moni tonong, ra kon feiengaw nap seni ekkewe ekkoch.



### Arap ngeni ekkewe nenien Plan ren Tumunun Risk

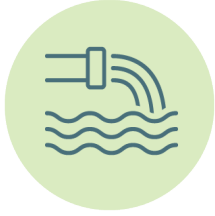
Risk Management Plan (RMP, Ekkewe nenien tumunun feiengaw) ir ekkewe neni mei aea ekkewe kemikal mei efeiengaw me mei namwot repwe fori ew kokkotun tumunun feiengaw. Ekei neni mei fiti kouk, me ekewe iimw repwe makesefani pwan eniwinanong RMP ngeni ewe Environmental Protection Agency (EPA, Putain Tumwunun Environment) anein nimwu ier. Ekkewe kemikal mi efeiengaw ekkewe nenien RMP ra aea mei tongeni efeiengawa aramas mei nomw ika angang non nenier. Ekon pwung ei konnien ika pwun e fis ew osukosuk. Ekei neni napengeni mei kanengeni nenien aramas esapw ururun kanengenir mei osupwang iwe a uwungenir waten tongenien feiengaw. Niinon chemical ika osukosuk mei tongeni efisata watten osukosuken pochokun, mei pachenong weiresin ngasari asapwan, cancer, me ekkoch semwen.

### Karapan ngeni Superfund Sites

Ekkewe nenien Superfund ina ekkewe neni ikewe ie ekkewe pisekin efeiengaw me nom ra fen kouno ika kouno. Ekkei neni ra mochen ew angangen anisi fansoun nangatam pwe epwe nimeti ekkewe pisekin efeiengaw. Ekkewe nenien Superfund ra fen kefinita me ra nom non ew list non fonu ren angangen awenewen ngeni ewe neni. lei ew angangen niwinsefaniti ewe neni ren an epwe angeiano ekkewe pisek mi efeiengaw seni fonu, konik, me pwan ekkoch pisekin angang. Ekkewe neni ra pachenong ekkewe nenien minefo, factory, nenien aturanong pisek, me nenien angang ikewe ese pwung ar tumunu ika aturanong ekkewe pisek mi poison. Ekkei neni mei kan nomw unukun ekkewe neni mei kukkun aramas non uruwo me ekkewe neni mei wor ar tufichin moni. Omw kopwe nomw ika angang arap ngeni ekkei neni mei tongeni wor feiengawen pekin safei non fansoun nangatam, usun cancer me osukosuken ngasangas.



## Ekewinon Mwirinon non Environment (soposopono)



### Niinon Nimengawen Konik

Konik mi ngaw a for seni ekkewe konik mi ngaw me ekkewe pisek mi ngaw mi tou usun konik mi ngaw seni imw, business, me ekkoch nenien angang. Ewe konik mi ngaw ina ewe konik ekkewe watten nenien angang ra kan atoura mwirin an a fen fis. Pollution non ewe konik mi ngaw epwe tongeni efisata osukosuken pekin safei usun chcha mi watte, cancer, me semwen mi tori aramas ngeni ekkewe neni mi kan ngeni. Chon ewe neni aramas me ekkoch chon attaw mi mongo chommong ik ir mi kon watte ar repwe kuna ei limengau. Ekkewe sopw rese kon watte ar tufichin moni me ekkewe sopw mei kukkun ar nomw non uruwo ra pwan tongeni tori ei pollution pokiten ekkewe nenien konik mei ngaw ra chinnapeno me rese kon tumunuoch.

### Nimeochun Konik

Nimeochun konik e anisi ewe ecosystem me eochuweno agriculture (atake). Ekewe tribe me neniachkewe re anongonong won konik e watte anen ar repwe kuna me mefi ei enimengaw, mine mei tongeni afeiengawa pochokuner me eoronier. Ewe konik ese pwung ika ese fich ngeni epwe tongeni efeiengawa ekkewe ecosystem non konik me epwe tongeni atai pekin safeien aramas me man. Áwewe chék, ekkewe mettóch mi limengaw usun chék ekkewe dioxin ra tongeni atai uputiw me fefeita non aramas me ik.





## Socioeconomic Mettoch

Nonomwun aramas mei euehea ngeni pochokuner non sokopaten wewe. Nonomwun aramas e fosun nonomwur ren io re nom unukun me tufichir mine mei tongeni anapanapa tourer ngeni feioch, resource, me pochokunen aramas me nenierkewe. Nonomwun aramas mei pwan ekewini apwangapwangen ekewe aramas mei keimwu ren ar expose ngeni nimengaw. Tumwunun imwer, eochun ener, niwinir, me ar tour ngeni sukun, anen arm oni tonong, internet me nenien safei mei tongeni okukunatiw feiengawen ekewe nimengaw won nenierkewe.



## Environment ren Mongon Kamo non Neniachkewe

Touren emon ngeni sokopaten mongo mei mokukun mei pwan ekewini pochokunen aramas. Ekewe teniniimw ese watte ar moni tonong mei pwan weires tourer ngeni sitowan mongo, a efisata chokukunun sokun ener nge afen pwan meomongono.

## Digital Infrastructure

Ewe internet e rii fengeni aramas ngeni sukun, angang, me angangen aninisin safei. Ewe angangen internet epwe tongeni anapano ewe ririin aramas me tufichin angei ekkewe pisekin aninis usun telehealth (angangen tumunun inis mei towaw), ika angei porousen osukosuk mei auchea. Ei ekon euehea ngeni ekewe neni mei towaw nge e watte ekewe ra chinapeno me chokukun anen repwe safetan.



## Eseor Diploman High School

Oponuwetan sukun mei tongeni okukunanoi sokofesenin pochokunen aramas non an apochokuna aramas ar repwe kefinita metoch non ar wewechuti pochokuner me napenon anen angang. Ewe sukun mei kukkun mei tongeni atai pekin safei non chommong napanap, pachenong watten osukosuk, feiengawen an epwe kalapus, me an epwe tori ekkewe mettoch mei ngaw non neni.

## Aramas mei Kono Enuwer (Neon/Ian re War me Ia)

Ennuk me mokutukut mei eimwumwu e efisata an aramas mei kono enuwer repwe expose ngeni chomong monun nimengaw me napeno osukosuken pochokuner seni ekewe aramas mei pwech. Angangen eimwumwu mei forata me anapano osukosuken eimwumwu nein aramas. Mwirinon uruon eimwumwu, awewe, ina met mei meninong non kokotun inetin moni me pochokunen aramas ikenai.



Pwal eu awewe, ina ekkewe algorithm fan iten tumunun pekin safei mi akkomwa ekkewe mi pwechepwech lap seni ekkewe mi pwechepwech are ra mochen ID mi wor sasingin fan iten ekkoch angangen safe. Ei alluk ese pwung an epwe kku ekkewe mwichen aramas mi sokkofesen. Ekkewe semirit me fefin mi uren uren ra akkaewin feiengaw ren osukosuken pekin safei pokiten limengauen fonufan.

## Nonomwun Aramas (soposopono)



### **Aramas re Nonom non Osupwang (kiseseni ika ukukun 185% me non ewe Levelun Osupwang an Mwuunap)**

Aramas re akkom sine fosun pwan ew fonu monukun Fosun Merika mei keimwu seni angangen aninis me porous, mei pachenong tumwunun safei. Weiresin an emon Fosun Merika mei pwan forata sokofesenin pochokuner me napanon ar expose ngeni monun nimengaw.

### **Aewin Fosun Fonu esapw Fosun Merika**

Aramas re akkom sine fosun pwan ew fonu monukun Fosun Merika mei keimwu seni angangen aninis me porous, mei pachenong tumwunun safei. Weiresin an emon Fosun Merika mei pwan forata sokofesenin pochokuner me napanon ar expose ngeni monun nimengaw.



### **Meomeon Waa**

Meomeon waa (fite koukun moni ke nouni om kopwe no seni ew neni ngeni ew neni) mei pwan ekewini koukun moni e wor ren ew iimw faniten met iir mei need, ussun mongo me tumwunun safei. meomeon iimw mei pwan ekewini koukun moni e wor ren ew iimw faniten met iir mei need, ussun mongo me tumwunun safei. Watten meomeon waa mei pwan aweiresi aramas mei kukun anen ar sopwosopwen aninis. Ekkewe sopw mei wor ar tufichin fetan (napanapen ar repwe tori ekkewe leeni), áwewe chék ren ekkewe leeni mi towau, eli epwe watte liwinin ekkewe tarakú.

### **Iimw mei Meowatte**

Meomeon iimw mei pwan ekewini koukun moni e wor ren ew iimw faniten met iir mei need, ussun mongo me tumwunun safei. Ekkewe mwich me aramas mei wor ar tufichin moni me ekkewe aramas mei kukkun ar nomw non uruwo ir mei kon feiengaw ren ei pokiten redlining me pwan ekkoch annukun imw mei racist.



### **Unemployment (ese angang)**

E porousen aramas rese angang. Angang mei awora anen epwe tour ngeni tumwunun safei, eochunon nonomwur, me kukunon osukosuken moni. Neniachkewe mei wor uruon an aramas eimwunir, fefin, me ekewe aramas mei wor terir rekon mefi epetin angang.



## Netip chachak Aramas

Aramas mei wor ar semwen non pekin safei ra kan kuna osukosuken pekin safei mei ngaw pokiten ar nomw non pollution. Ekkewe aramas mi sensitive ra kapachelong ekkewe mi uri semwenin letip, kukkun choun inisir atun ra uputiw, semwenin ngasangas, me ekkewe iir mi oor terrir. Ekkewe foffor ese pung non pekin aramas ikenai me non uruwo ra efisata sokofesenin aramas mi anapano ekkei osukosuken pekin safei.



### Semwenin Ngasangas mei feito seni Nimeochun Asapwan

Ewe asepan mi ngaw seni ewe fitikoko non car, fitikoko ren man, fitikoko seni kuk, me pwan ekkoch mettoch a asonga ewe ngun. Ei epwe tongeni efisata ew atake ren asthma ika efisata weires ne ngasangas. Kukun semirit iir rekon apwangapwang ngeni ei monun nimengawen non asapwan, me nenien ekewe mei kono enuwer mei pwan chomong mei uriir mwi nekukunur mwen nenien ekewe mei pwech.

### Mano seni Cardiovascular Disease

Cardiovascular diseases (CVDs) ussun aortic disease me coronary heart disease e foruta ren osukosuken futuken ewe ngasangas me waan. Aramas mei urir CVD e watte anen ar repwe heart attack ika stroke nupwen re kanengeni ekewe monun nimengaw. Non uruwo, ekkewe aramas mi kukkun ierir ra watte ar uri CVDs pokiten ekkewe feiengawen racism, kapachelong ar rese tongeni angei tumunun pioing mi murinno me ar rese tongeni angei mongo mi murinno.



### Kukunun Pounen ar Uputiw

Ewe semirit mi uputiw a wewe ngeni pwe emon semirit a uputiw nge ese nap seni 5.5 paun. Monukon ese watte pouner mei tongeni watte ar osukosuken pochokuner, mei pachenong semwenin ngasangas, suke, me mwi. Ekkewe sokofesenin pekin safeien in me tumunun semirit mwen ar repwe uputiw a efisi an ekkewe in Black repwe kuna ewe watten chochon semirit mi kukkun choun ar uputiw.

### Aramas mei wor ar Terir

Aramas mei wor terir napengeni mei weires ar repwe tour ngeni tumwunun safei me iir mei nonomw kanengeni ekewe monun nimengaw. Aramas mei wor uruon an ekoch eimwunir nge mei fen pwan wor terir mei churi chomong epetin non kokotun me moni non manawer iwe a efisata wattenon osukosuken pochokuner.



### Ren sopusopun poraus

Ren omw kopwe sinei usun ewe angangen awenewen ngeni ewe EHD Map me ekkewe napanap mei fatafatoch, kose mochen kopwe nengeni ewe [Repotun Map EHD](#) (non fosun Merika).

### Kori Kich

Ren omw kapas eis ika pwan ekkoch poraus, kopwe email ngeni [EHDMap@doh.wa.gov](mailto:EHDMap@doh.wa.gov).



### DOH 334-579 February 2026 CS Chuukese

Ika ke mochen kopwe nounou ei taropwe non pwan ew sokkun nikinikin, kopwe kokori 1-800-525-0127. Ren kastomer mi pung seninger ika weires ar rongorong porous, kose mochen kori 711 (Washington Relay) ika emailini [doh.information@doh.wa.gov](mailto:doh.information@doh.wa.gov).

Environmental Health Disparities (EHD) Map **Ekkewe Kapas**