

Reform of responses to drug and alcohol problems
in Monash Health catchment area:

Syringe Dispensing Machines

What does the automatically collected data tell us
two years after installing the first SDMs in Victoria?

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Innovation

- This project was a first for Victoria as in 2013 there were no dispensing machines located in the State.
- It is also an Australian first to record any data from consumers.
 - ◆ The machines were bespoke designed by a vending machine manufacturer to collect demographic and postcode information from those accessing the service.



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First machine installed mid-July 2014 Main Monash Hospital forecourt



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Contents dispensed in August 2016 from one machine at Dandenong Hospital:

166 \$2 ICE / Heroin kits + Water Amps
1596 Free ICE / Heroin Kits 1ml x 2
13 \$2 Steroid / Pill Kits 3ml x 2

Inexpensive biodegradable box
Packed by volunteers
Agency cards
Pill filter instructions

Total income \$346.00

Total syringes out 3,550



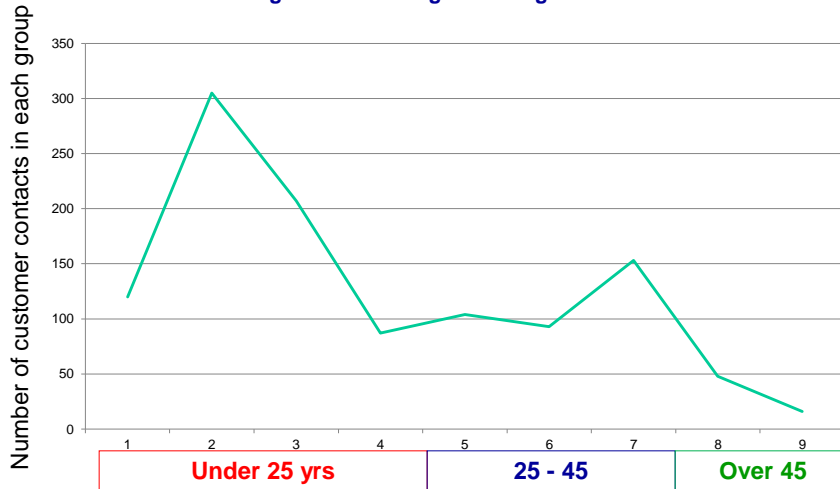
Example: \$2 steroid / pills pack with
water and 0.2 wheel filter

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Age of customers August 2016

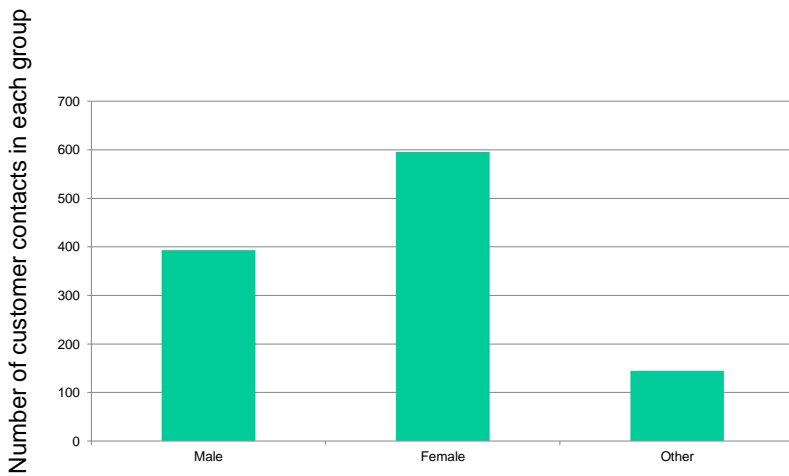
Categories according to NSP age breakdown



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Self-identified gender



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Able to identify double counting / multiple purchases

(this person helpfully puts in useful data)

cost	gender	age group	postcode	time	date
0	2	4	3175	13:12:26	2/8/2016
0	2	3	3175	13:25:01	2/8/2016
0	2	2	3175	13:25:17	2/8/2016
200	1	1	3175	13:43:21	2/8/2016
0	1	1	3175	13:43:37	2/8/2016
0	3	3	3175	15:15:29	2/8/2016
0	2	2	3175	16:42:54	2/8/2016
0	2	2	3175	16:43:02	2/8/2016
0	2	2	3175	16:43:09	2/8/2016
0	2	2	3175	16:43:21	2/8/2016
0	2	2	3175	16:43:27	2/8/2016
0	3	4	3171	17:21:03	2/8/2016
0	3	5	3172	17:21:15	2/8/2016
0	3	3	3173	17:21:35	2/8/2016
0	3	4	3174	17:21:48	2/8/2016
0	3	4	3714	17:22:04	2/8/2016



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Able to identify double counting / multiple purchases

(this person less helpfully puts in garbage)

cost	gender	age group	postcode	time	date
0	2	2	3000	16:16:09	6/8/2016
0	2	5	3174	17:22:12	6/8/2016
0	2	1	3174	17:22:45	6/8/2016
0	1	7	3175	17:23:49	6/8/2016
0	3	3	3333	18:30:34	6/8/2016
0	2	3	3333	18:30:45	6/8/2016
0	3	3	3333	18:30:57	6/8/2016
0	3	3	3333	18:31:07	6/8/2016
0	3	3	3333	18:31:17	6/8/2016
0	3	3	3333	18:31:27	6/8/2016
0	3	3	3333	18:31:38	6/8/2016
0	3	3	3333	18:31:47	6/8/2016
0	3	3	3333	18:31:58	6/8/2016
0	3	3	3333	18:32:08	6/8/2016
0	3	3	3333	18:32:17	6/8/2016
200	1	7	3175	03:23:41	7/8/2016



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Apparently responding to acute need in the middle of the night

(the majority of people helpfully continue to put in useful data)

age group	postcode	time	date
7	3175	23:15:18	2/8/2016
2	3162	23:17:51	2/8/2016
3	3180	03:13:14	3/8/2016
4	3175	03:52:05	3/8/2016
1	3214	04:12:37	3/8/2016
7	3138	06:48:36	3/8/2016
7	3157	07:28:35	3/8/2016
2	3653	07:36:52	3/8/2016
6	3153	08:19:41	3/8/2016
6	3153	08:19:52	3/8/2016
6	3153	08:20:13	3/8/2016

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