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14 March 2017

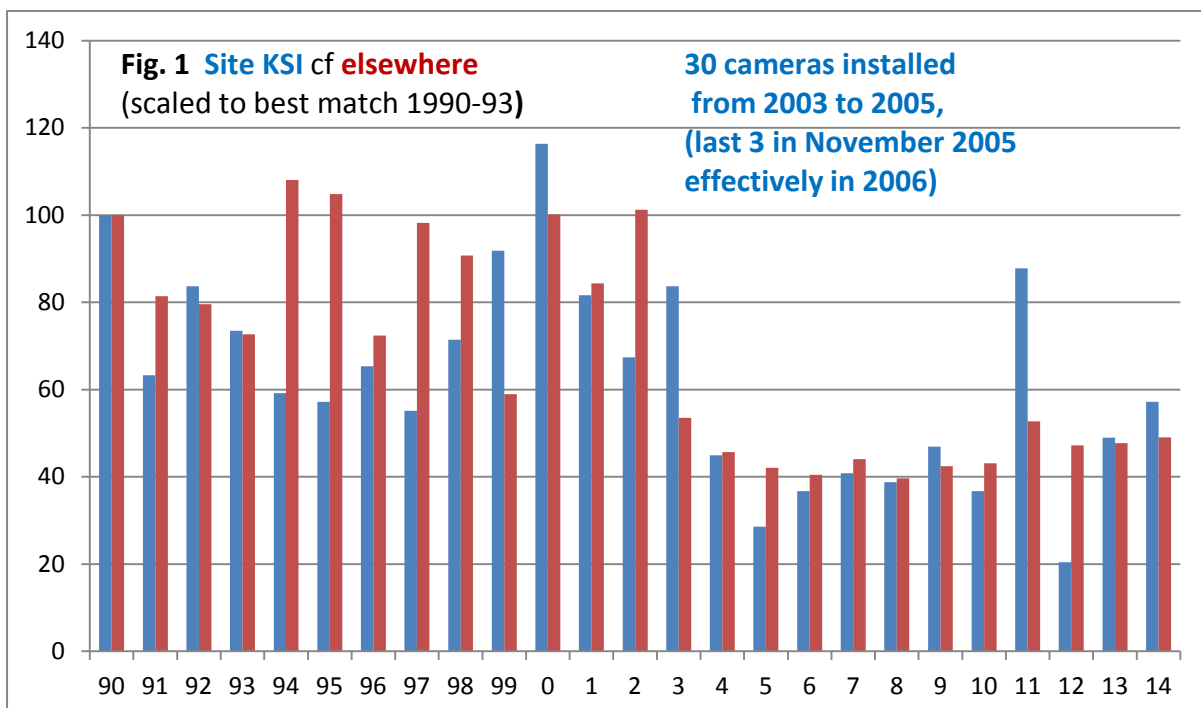
The Chief Constable of Hampshire Police

cc The Police and Crime Commissioner for Hampshire
cc The Chief Officer of Hampshire Fire and Rescue Service

Fatal and Serious Injuries increase at your fixed speed camera sites

Dear Chief Constable,

Having realised only recently that your web site now provides a complete set of accident and injury data for your 30 fixed camera sites from 1990 to 2014 (not 2015 as stated) I managed to convert it from its singularly unhelpful pdf format into Excel sheets (see attached) and have analysed the data, with the following results:

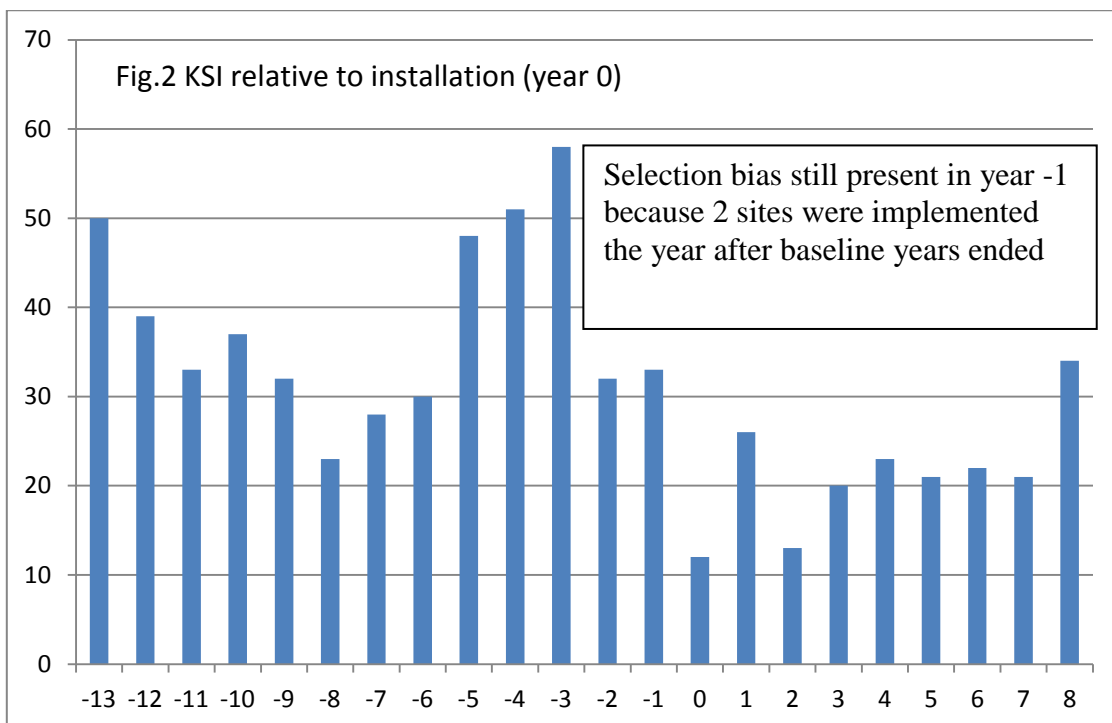


The blue “site” numbers show clearly in 1998 to 2004 the site selection bias in your “baseline” years, made inevitable by your site selection methods. That bias of course diminishes with time and disappears completely by the end of 2004, the last baseline year.

Once clear of those abnormal years i.e. from 2005, the **Killed and Seriously Injured** numbers at your camera sites **follow the same upward trend as they did elsewhere in Hampshire**, the totals of site and (scaled) non-site data matching within 1%. Note also that that Hampshire's KSI trend in those years was very much worse than the national trend.

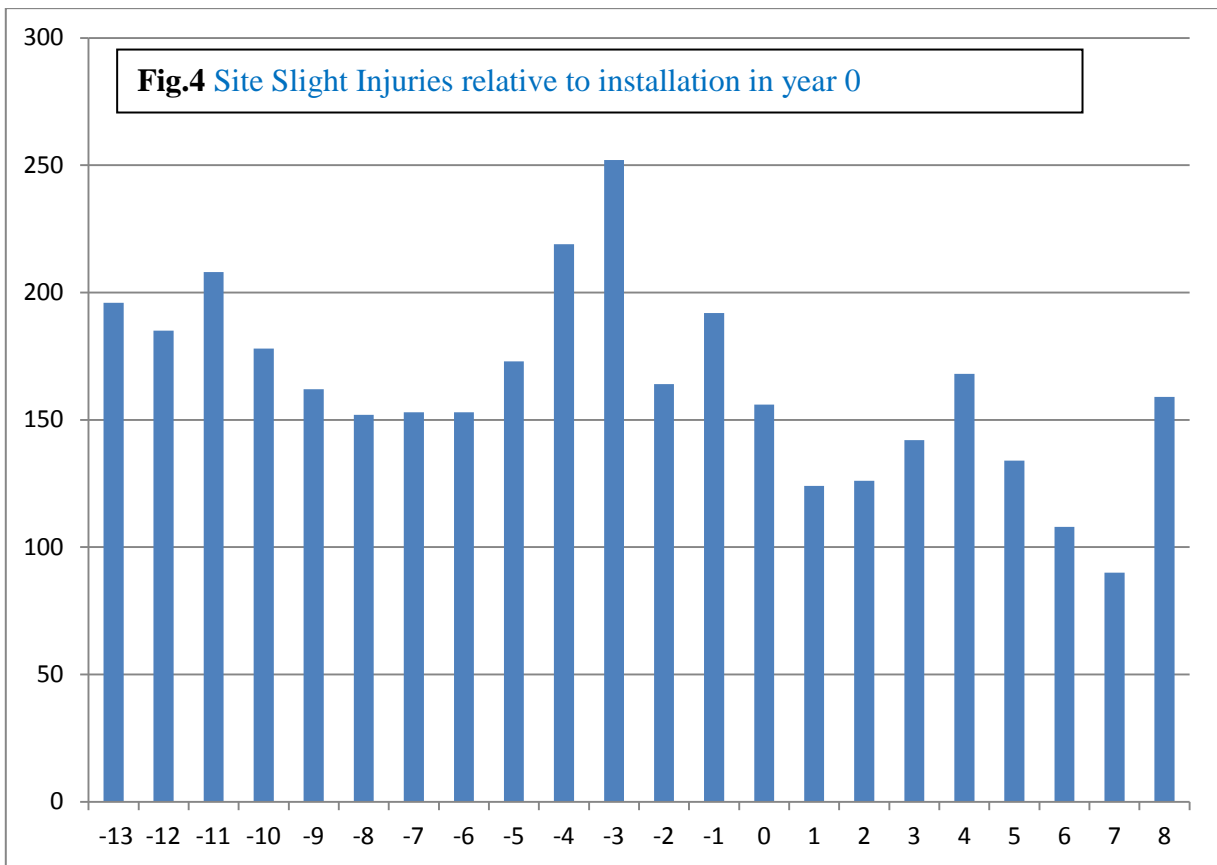
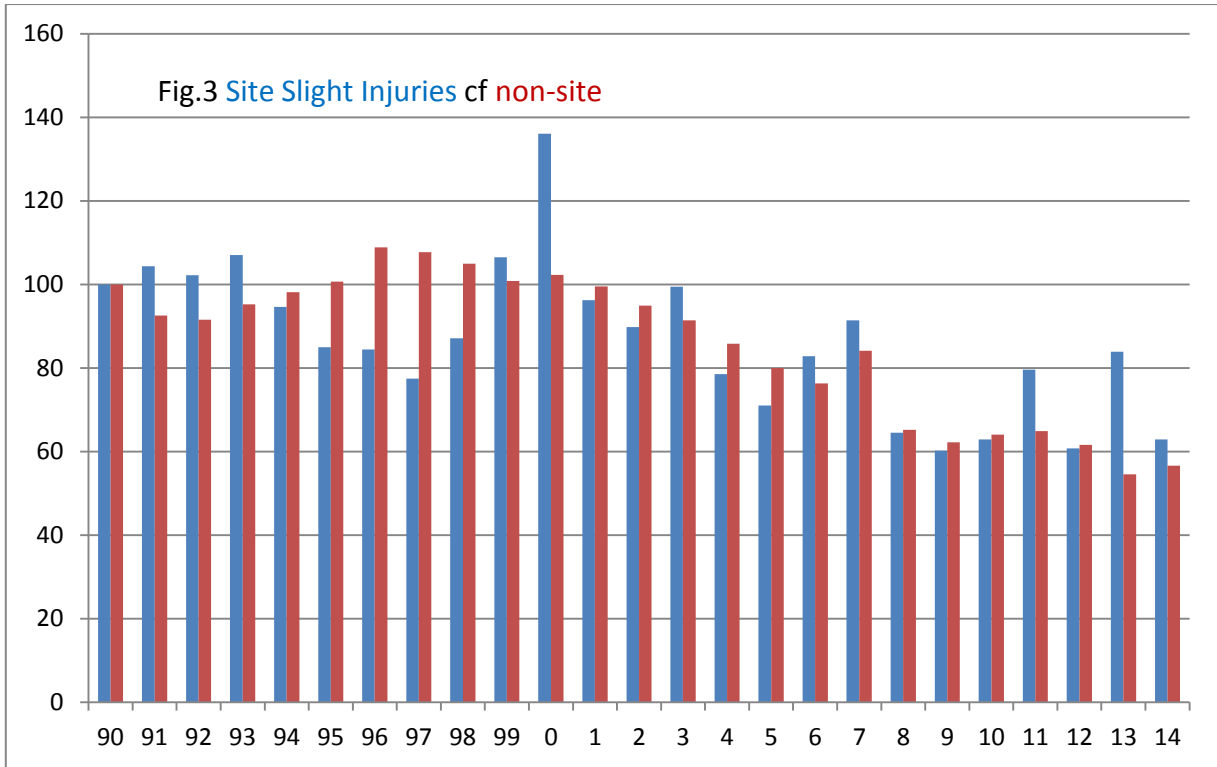
More accurate results are achieved however by summing the **data according to its position in time relative to camera** installation instead of by calendar year. As simple arithmetical examples would confirm, this results in variations related in time to camera installation being summed properly while other effects such as seasonal or longer-term or random variations are averaged out and thus reduced in size.

Applying that better method to the same data provides the following even worse results:



Given this greater clarity we can see that **KSI in fact rises very rapidly from the year of camera installation.**

The calendar year graph of Slight Injuries shows arguably worse results at sites than elsewhere, from 2005 on.



These results are not as bad as for KSI but even so, there is no overall reduction from year 1 to year 8 after installation

None of this comes as a surprise because my much larger scale analysis of 3.8m injury accidents from 1987 to 2011 and 3,336 cameras installed from 1994 to 2006 finds essentially the same across the 22 police areas for which I have been able to obtain the relevant camera location data - Hampshire being one that refused to provide it.

Given these results I have to wonder why those responsible for your camera data failed to do the same, including coming to the same conclusions long ago. Or why, given that data for individual sites cannot be statistically significant, they published graphs for individual sites but not for all sites combined, as I have done.

The directors of any private or public company which displayed such a cavalier attitude to their data or results would surely end up in court if not in jail, and I see no reason why the same should not apply to any police force, including your own, that spends millions of pounds a year of public money to achieve nothing, or indeed worse than nothing.

On a larger scale, in fact for 22 police areas out of 32 including the largest, I am now able to prove beyond rational dispute that speed or 'safety' cameras do not reduce accident rates anywhere, not just in Hampshire. I would be happy to provide full details of my analysis if you wish, but they will soon be published widely in any case.

Please put a stop this dangerous and expensive nonsense

Continuing to waste millions of pounds of public money on fixed speed cameras that have little or no effect on slight injuries but which result in large increases in fatal and serious injuries would clearly be not just unethical and immoral but also a clear breach of the duty of care you and your colleagues owe to the public you serve

I therefore ask that you to confirm that you will not only ensure that your fixed cameras are switched off and issue a formal public statement to that effect but also that they will be covered them up until they are removed altogether. I emphasise this last point because as long as the cameras remain visible their adverse effects (see www.safespeed.org.uk/sideeffects.pdf) will continue.

Mobile Cameras

My detailed analysis of 22 other police areas includes 694 mobile sites. Results for those are similar to, if not worse than for the 1,672 fixed camera sites. There is therefore no reason to believe that Hampshire's mobile cameras are any better than its fixed cameras so I must ask you also to pass the following Freedom of Information request to that Department so that I may check the effects of your mobile cameras too.

Yours sincerely,

Idris Francis

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**Freedom of Information Dept.
Hampshire Police
Winchester.**

Dear Sirs,

Please copy to me **by email** under the Freedom of Information Act the following speed camera data:

- a. The Ordnance Survey grid references of mobile speed cameras locations, at least to 10m accuracy.
- b. The month and year on which enforcement began at each of those locations.

Yours sincerely,

Idris Francis