

**190001**

**Provision of**  
**Personal Protection Equipment (PPE)**  
**to HA Hospitals**

**20/06/03**

### Provision of Personal Protection Equipment (PPE)

During the early stage of the SARS outbreak, first reported in Prince of Wales Hospital (PWH) in early March 2003, the initial demand for PPE was met by established contracts of surgical masks and disposable caps whilst direct purchases of N95/N100 respirators and other additional PPE were made by PWH to meet its urgent requirements without difficulty.

2. In response to the SARS crisis, the following crisis management measures were taken to support the clusters and hospitals on urgent provision of PPE and additional medical equipment required for the treatment and diagnosis of SARS.

(a) Sub-Command Centre

Under the direct supervision of Senior Executive Manager (Business Support Services), a Sub-Command Centre with dedicated e-mail domain and linkage to cluster co-ordinators of supplies and business support functions was set up on 29 March 2003 with urgent assistance by the Information Technology Department.

The communication centre was manned by staff from Business Support Services Department and Electrical & Mechanical Services Department daily from 8:45 am to 5:15 pm for the period 29 March 2003 to 30 May 2003. The centre had responded promptly to all enquiries or requests for supply of PPE and mobilization of transport, rearrangement of laundry and linen services, urgent purchase and commissioning of additional medical equipment for the treatment of SARS patients.

Urgent information regarding supplies, delivery of medical equipment and biomedical engineering support arrangements was disseminated through the Sub-Command Centre on all occasions to the concerned cluster co-ordinators and cohorting hospitals.

Besides daily round up meetings, additional meetings were also held regularly with the cluster co-ordinators to review problems and agree on ad hoc measures such as reallocation of N95 respirators, goggles and 3M Air Mate Systems in anticipation of supply shortage or unexpected delay in deliveries.

Monitoring of the consumption and co-ordination of forecast of weekly/monthly demand of PPE by clusters were also steered through the Sub-Command Centre.

190003

(b) Central Sourcing and Procurement

The entire team of Procurement and Materials Management Section (PMMS) staff (2 Chief Supplies Officers, 1 Senior Supplies Officer, 4 Supplies Officers, 4 Assistant Supplies Officers and 4 Supplies Supervisors I) was deployed to conduct daily sourcing of supplies of PPE and the required additional medical equipment, urgent negotiations with suppliers and placing of numerous orders for secured supplies.

Urgent purchase of medical equipment was also arranged by the procurement staff through the Sub-Command Centre to match the need of the SARS hospitals. The HA's normal procurement procedures were not followed due to the urgency and critical operational requirements for combating the SARS crisis.

High level meetings and negotiations with suppliers of the much sought after PPE items were led by the SEM(BSS) and on several occasions eg supply of N95 respirators, 3M Air Mate and Stryker T4 System participated by the then Deputizing Chief Executive.

Liaison for input or advice from the Infection Control Experts was maintained through the Sub-Command Centre and also augmented by SEM(BSS) on specific issues with other advisors related to the heightened demand for newly added PPE items.

Evaluation of PPE samples was also a daily task at the Sub-Command Centre and the quality of PPE was also checked by supplies staff at the respective clusters/hospitals.

A chronological order of the inception of central bulk purchases and supply initiated by types of PPE and medical equipment during the SARS crisis is listed here below:

<u>Items</u>	<u>Commencement of central purchase</u>
Surgical Mask	4 <sup>th</sup> week March 2003
N95 Respirator	4 <sup>th</sup> week March 2003
Disposable Isolation Gown	4 <sup>th</sup> week March 2003
3M Air-Mate PAPR	1 <sup>st</sup> week April 2003
Ventilator	1 <sup>st</sup> week April 2003
Physiologic Monitor	1 <sup>st</sup> week April 2003
Eye Shield	1 <sup>st</sup> week April 2003
Face Shield	1 <sup>st</sup> week April 2003
Goggles	1 <sup>st</sup> week April 2003
Tyvek Barrier Man Coverall	2 <sup>nd</sup> week April 2003

<u>Items</u>	<u>Commencement of central purchase</u>
Multi-fold Paper Towel	2 <sup>nd</sup> week April 2003
Mobile X-Ray Machine	2 <sup>nd</sup> week April 2003
Pulse Oximeter	2 <sup>nd</sup> week April 2003
Infusion Pump	2 <sup>nd</sup> week April 2003
Stryker T4 Helmet	2 <sup>nd</sup> week April 2003
Bacteria Filter	2 <sup>nd</sup> week April 2003
N100 respirator	4 <sup>th</sup> week April 2003

c) Biomedical Engineering Support

The entire Biomedical Engineering Service team (5 engineers and 9 technicians) was deployed to assist the cohorting hospitals in the testing/commissioning of new medical equipment (comprising 183 ventilators, 196 monitors, 844 infusion pumps, 212 pulse oximeters, and 30 mobile X-ray units), and performing wellness check of equipment redeployed for use in the management of SARS.

Additional on-site support by biomedical engineering staff of the Electrical and Mechanical Services Trading Fund was also pre-arranged through the Sub-Command Centre, in response to the changes in increased demand for operational support from all the concerned hospitals.

Adequacy of Supply of PPE

3. Prior to the SARS crisis, most of the PPE except surgical masks were not commonly purchased for use by the HA's hospitals. As the SARS outbreak heightened in late March, the sourcing and procurement of all PPE, such as N95 respirators, surgical masks, disposable gowns, goggles and face shields were very much affected by the beginning of the global surge in demand for supply of PPE items. During the months of March and April, problems were experienced in building up an estimated stock of 1 – 2 months of PPE and in maintaining a steady bulk supply of all the PPE items in spite of rigorous sourcing and enquiries, both local and overseas, conducted by the staff of PMMS. Contacts were also made with the various consulates with a view to widen the sourcing network for PPE, particularly in respect of N95 respirators and goggles, for which the production in different countries was known to be very much behind the hugely increased demand.

4. During the peak phase of the SARS crisis, PPE standards and requirements were constantly upgraded with input from the cluster management and infection control experts. The staff's demand on the level of protection also rose dramatically due to increase in personal fear and the higher level of protection advocated by some units/hospitals in combating SARS.

5. A snap-shot comparison of the peak consumption of various PPE and the total average stock available in the affected HA's hospitals at various critical periods is shown below to illustrate the situation of stock and consumption during the SARS crisis. A breakdown of the average consumption and stock level of the various PPE by clusters for the period 17 March 2003 to 31 May 2003 are shown at Appendix I (a)–(i).

<u>PPE Item</u>	<u>Peak Daily Consumption</u>	<u>Average Daily Stock</u>	<u>Peak Consumption Period</u> (less than two days' stock)
Goggles	2,599	24,598	28 April 2003 – 4 May 2003 (HKEC, HKWC & KEC only)
N95 Respirator – Small	13,556	243,593	24 March 2003 – 30 March 2003 (HKEC, KCC, KEC & NTEC only)
– Regular	15,568	293,967	5 May 2003 – 11 May 2003
N100 Respirator	727	45,471	19 May 2003 – 25 May 2003
Surgical Masks	278,636	5,213,471	24 March 2003 – 30 March 2003 (HKEC, HKWC, KEC, KWC & NTEC only)
Disposable Gowns, Water Repellent	41,297	1,306,967	28 April 2003 – 4 May 2003
Disposable Gowns, Fluid Resistant	40,449	1,121,695	28 April 2003 – 4 May 2003
Eye Shield	15,975	350,027	12 May 2003 – 18 May 2003

<u>PPE Item</u>	<u>Peak Daily Consumption</u>	<u>Average Daily Stock</u>	<u>Peak Consumption Period</u> (less than two days' stock)
Face Shield	15,666	346,997	26 May 2003 – 31 May 2003

It was difficult to project during early April the actual consumption of PPE due to the uncertainty of SARS workload.

6. Reallocation of stock between clusters to meet increase in demand against supply shortage was co-ordinated by the Sub-Command Centre whenever there was a need advised by the clusters. Bulk distribution and allocation to clusters were co-ordinated by the PMMS with reference to the daily feedback and/or regular report on projected consumption estimates from the hospitals/clusters at different stages of the SARS crisis. Details of the supply distribution and corresponding consumption of the various PPE by clusters for the period 17 March 2003 to 31 May 2003 are shown at Appendix II (a)–(i).

7. During the SARS crisis, donated supply of N95 respirators, disposable gowns and other PPE from different sources, including a large donated supply from the Central Government, China were received. These donated supplies were immediately distributed, upon receipt by the Hospital Authority Head Office, to augment the stock of PPE held in the hospital/clusters.

8. Throughout the SARS crisis, the supply of N95 small size respirators that would fit the majority of female staff had always been an area of on-going concern. To counteract the feared shortage against staff's increased demand, alternative models of N95 respirators were also sourced and tested with the assistance of an expert in the Prince of Wales Hospital. A self-explanatory summary of the range of various models of N95 respirators tested and the approved models subsequently sourced to increase the bulk distribution is shown at Appendix III.

#### Adequacy of Distribution Processes

9. Staff complaints regarding both the standards and adequacy of supply to the frontline arose throughout the SARS crisis, many of which were publicized through the media, and became a daily feature of criticism during the early phases.

10. Retrospective review of the statistics captured on consumption and stock (relevant details shown in Appendix I (a)–(i)) did not reveal significant supply problems except some near stock-out situations occurred (ie less than two days' stock on hand) during some critical periods.

11. Following the formation of the Working Group on Supplies and Environmental Control on 29 April 2003, the following areas concerning PPE were reviewed:

- (a) Efficiency and adequacy of the PPE supplies;
- (b) Effectiveness of PPE supplies logistics.

It was observed that the central procurement support and allocation of bulk supplies had facilitated better forecasts of changes in demand/consumption of PPE, resulting generally in stabilized bulk supply arrangements and consistent stock levels (a minimum of one week's stock) held in clusters during the peak phase of the SARS crisis).

12. Feedback obtained from hospital visits and meetings with the middle managers of the cohorting hospitals, particularly the Ward Managers, showed that communication on standards of PPE and local supply/distribution arrangements would require strengthening. Staff's understanding of appropriate compliance with the set standards of PPE also varied due to personal fear and the higher level of protection advocated at the frontline in some hospitals.

13. Results of an endusers' survey conducted in mid May 2003 showed that most of the required PPE items was generally sufficient except for the supply of N95 small size respirators. Initial collation of the feedback from nurses showed that 90% of the respondents was fully satisfied with the supply and provision of PPE at their working places. Other comments are being collated. Samples of the questionnaires are attached at Appendix IV.

### Facilities Management

14. The team under the supervision of Deputy Director (Professional Services & Facilities Management) mainly dealt with the environmental related issues within existing hospital settings. The main focus was to assist hospitals to assess and improve their hospital ventilation systems.

#### a) Ventilation Modifications

With the support given by the Electrical and Mechanical Services Department (EMSD), HA had carried out survey to re-confirm the ventilation level of the various hospitals.

According to the World Health Organization guideline on housing SARS patients within negative pressure rooms, Arrangements had been made with EMSD to install in the cohorting hospitals additional exhaust fans in wards assigned for handling SARS patients. The purpose of the provision of additional exhaust fans was to create negative pressure

within the cohorting wards where the air would only be flowing in one direction and the air change rates would be increased, hence creating a better air dilution effect.

As of 9 June.2003, ventilation modification had been made to 226 numbers of wards in 24 hospitals including PYNEH, RHTSK, TWEH, QMH, FYKH, QEH, BH, KH, TKO, UCH, PMH, CMC, KCH, KWH, WTS, OLMH YCH, AHNH, NDH, PWH, SH, TPH, SCH and TMH. The peak period was encountered in early April where more than 40 numbers of wards were modified in the same period. There were 13 operating theatres converted into negative pressure setting in 8 hospitals, namely, PYNEH, UCH, PMH, QMH, KWH, YCH, PWH and TMH. Details were given at Appendix V.

Under the direction given by the in-house HA Task Force on Supplies and Environmental Control, the team had also examined the availability of isolation facilities in HA hospitals and assessed the feasibility of converting existing single rooms in hospitals into negative pressure facilities.

With the specialized technical support and recommendation given by the Environment, Transport and Works Bureau (ETWB), the team had assisted in formulating the short term, medium term and long term improvement measures for HA to prepare for the resurgence of the SARS disease or the outbreak of other infectious diseases. Implementation of the various improvement measures was being coordinated via the HA Task Force on Supplies and Environmental Control. ETWB departments comprising Architectural Services Department, Environmental Protection Department and Electrical and Mechanical Services Department worked together with HA in the detailed design and implementation of the measures.

b) Hospital Planning

To meet the demand for ICU facilities at PMH, sketch layout for the conversion of wards into ICU in the hospital was drawn up. A review on ward space provisions and the effective hospital bed capacity was completed. Outcome of the review was presented to the Task Force of HA Board on 16 May 2003. Another review on the possible conversion of existing facilities into one with more isolation rooms was also conducted. Conversion proposals comprising 9 acute hospitals had been prepared for funding application to Government.

c) Equipment Assessment



The use of ozone disinfection was discussed by experts in the Advisory Group on Facilities, Equipment and PPE on 29 April 2003. Two ozone-generating machines were sent to QMH on 6 June.2003 and were being tested for disinfection of goggles and face shields. Test result was pending.

**Average Daily Consumption vs Stock Level**

Appendix I (a)

**Goggles (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall		
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	3	0	0	0	0	0	100	13	100	16
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	85	0	9	0	0	61	118	61	211	
3rd	31/3/03 - 6/4/03	0	0	0	0	0	0	0	11	0	11	0	0	247	76	247	98	
4th	7/4/03 - 13/4/03	200	31	148	268	920	0	1,105	308	735	284	0	0	543	186	3,651	1,057	
5th	14/4/03 - 20/4/03	188	19	818	378	129	214	432	136	459	242	0	0	546	414	2,381	1,403	
6th	21/4/03 - 27/4/03	88	82	645	89	1,525	898	308	38	1,408	344	493	17	921	92	5,388	1,338	
7th	28/4/03 - 4/5/03	545	273	193	187	819	300	759	617	2,652	598	1,178	388	1,157	235	7,101	2,599	
8th	5/5/03 - 11/5/03	688	205	1,847	187	529	54	1,625	159	3,705	349	480	52	333	418	9,187	1,425	
9th	12/5/03 - 18/5/03	850	77	2,087	58	548	63	2,729	302	4,053	93	845	132	880	49	11,772	775	
10th	19/5/03 - 25/5/03	1,133	42	2,064	46	1,591	67	4,390	845	4,188	101	1,441	129	795	30	15,582	1,260	
11th	26/5/03 - 31/5/03	1,464	17	2,014	20	2,937	33	3,841	108	5,400	60	1,897	2	1,605	33	19,148	273	

**Remarks :**

- HKEC - Use of goggles commenced in the 4th week
- HKWC - Use of goggles commenced in the 4th week
- KCC - Use of goggles commenced in the 4th week
- KEC - All delivered goggles issued for immediate use
- KWC - All delivered goggles issued for immediate use
- NTEC - Use of goggles commenced in the 8th week
- NTWC - Near stock-out in the cluster store in the 2nd week i.e. less than 2 days' stock of the daily moving consumption

190010

**Average Daily Consumption vs Stock Level**

Appendix I (b)

**Eye Shields - Lens (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	3,665	730	0	0	3,665	730
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	0	0	0	5,053	1,150	0	0	5,053	1,150
3rd	31/3/03 - 6/4/03	0	422	0	0	0	0	0	0	0	0	0	0	0	0	0	422
4th	7/4/03 - 13/4/03	0	803	0	0	0	0	0	2,857	0	0	2,289	2,047	10,000	0	12,289	5,707
5th	14/4/03 - 20/4/03	25,182	466	0	0	1,300	0	0	477	12,920	1,890	7,504	1,078	2,808	415	49,712	4,326
6th	21/4/03 - 27/4/03	26,096	2,022	23,618	590	18,231	978	29,641	728	14,218	2,091	15,944	3,150	30,228	141	157,972	9,896
7th	28/4/03 - 4/5/03	17,887	187	42,142	905	27,566	977	26,342	1,091	33,823	2,581	13,152	5,609	48,105	308	207,997	11,657
8th	5/5/03 - 11/5/03	27,803	98	36,519	715	18,798	3,634	30,747	3,737	30,839	3,151	12,576	3,304	51,147	187	208,029	14,804
9th	12/5/03 - 18/5/03	33,058	2,334	38,737	632	13,024	3,523	35,050	2,998	45,365	3,763	19,509	2,391	50,276	333	235,019	15,975
10th	19/5/03 - 25/5/03	41,428	116	44,142	759	33,218	3,397	51,424	1,407	76,334	4,493	28,148	2,670	48,556	230	323,250	13,072
11th	26/5/03 - 31/5/03	44,223	424	54,010	525	36,453	1,364	43,248	2,340	76,310	3,438	34,422	3,601	47,149	262	337,815	11,955

Remarks :

- HKEC - Use of Eye Shield- Lens commenced in the 3rd week
- All delivered Eye-Shield issued for immediate use during 3rd to 4th week
- HKWC - Use of Eye Shield- Lens commenced in the 8th week
- KCC - Use of Eye Shield- Lens commenced in the 5th week
- KEC - All delivered Eye-Shield issued for immediate use during 4th to 5th week
- KWC - Use of Eye Shield- Lens commenced in the 5th week
- NTEC - Use of Eye Shield- Lens commenced in the 1st week
- NTWC - Use of Eye Shield- Lens commenced in the 4th week

190011

Average Daily Consumption vs Stock Level

Appendix I (c)

Face Shields (pc.)

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd	24/3/03 - 30/3/03	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd	31/3/03 - 6/4/03	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	40
4th	7/4/03 - 13/4/03	1,489	109	8	7	0	0	48	93	0	0	2,868	129	2,084	0	0	12
5th	14/4/03 - 20/4/03	2,335	508	941	39	84	0	305	405	2,433	773	2,938	511	8,202	279	8,487	338
6th	21/4/03 - 27/4/03	5,565	912	4,418	284	3,253	451	2,488	429	4,781	1,534	580	1,108	2,835	1,053	17,216	2,514
7th	28/4/03 - 4/5/03	8,033	528	7,043	898	4,666	430	1,083	113	9,704	1,867	1,983	1,538	777	1,309	23,576	5,749
8th	5/5/03 - 11/5/03	6,386	185	4,977	483	7,461	1,289	2,255	1,899	8,993	1,249	6,776	1,923	4,134	1,051	31,849	6,682
9th	12/5/03 - 18/5/03	17,091	1,538	18,190	712	23,423	1,233	4,271	1,532	21,250	2,188	25,357	2,198	16,418	1,202	40,981	7,818
10th	19/5/03 - 25/5/03	17,484	458	33,130	659	41,843	1,328	8,806	1,780	39,244	3,066	30,757	2,465	25,255	1,138	124,001	10,582
11th	26/5/03 - 31/5/03	21,879	579	48,431	318	43,781	991	17,883	2,333	44,841	3,489	30,482	6,917	41,704	1,042	198,119	10,893
																247,081	15,666

Remarks :

- HKEC
  - Use of Face Shield commenced in the 2nd week
  - All delivered Face Shield issued for immediate use during 2nd to 3rd week
- HKWC
  - Use of Face Shield commenced in the 4th week
  - Near stock-out in the cluster store in the 4th week i.e. less than 2 days' stock of the daily moving consumption
- KCC
  - Use of Face Shield commenced in the 8th week
- KEC
  - Use of Face Shield commenced in the 4th week
  - Near stock-out in the cluster store in the 4th, 5th, 8th week i.e. less than 2 days' stock of the daily moving consumption
- KWC
  - Use of Face Shield commenced in the 5th week
- NTEC
  - Use of Face Shield commenced in the 4th week
  - Near stock-out in the cluster store in the 6th and 7th week i.e. less than 2 days' stock of the daily moving consumption
- NTWC
  - Use of Face Shield commenced in the 4th week
  - Near stock-out in the cluster store in the 7th week i.e. less than 2 days' stock of the daily moving consumption

190012

**Average Daily Consumption vs Stock Level**

Appendix I (d)

**Surgical Mask (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	6,356	6,186	57,485	20,686	104,635	12,400	0	14,507	92,029	21,950	35,330	26,300	137,000	15,350	432,835	119,379
2nd	24/3/03 - 30/3/03	26,499	17,964	88,335	46,079	243,394	89,550	0	20,893	71,882	52,021	84,750	45,300	140,250	26,829	654,910	278,636
3rd	31/3/03 - 6/4/03	42,460	14,800	132,964	28,686	268,988	53,179	153,737	29,771	261,203	38,971	114,017	13,750	135,583	27,529	1,108,932	206,466
4th	7/4/03 - 13/4/03	100,861	13,738	286,195	30,350	397,850	16,221	340,180	52,736	528,674	44,236	178,267	21,700	269,171	28,336	2,100,998	207,314
5th	14/4/03 - 20/4/03	209,456	14,414	440,021	30,107	454,893	19,536	491,336	38,793	1,296,864	37,943	179,290	33,258	460,086	23,800	3,531,946	197,849
6th	21/4/03 - 27/4/03	311,423	22,079	678,714	26,857	573,979	19,214	618,057	38,507	1,252,613	76,829	285,208	34,209	368,029	30,236	4,066,023	247,730
7th	28/4/03 - 4/5/03	355,019	16,836	814,398	26,364	753,618	17,593	698,809	41,321	1,086,107	48,193	286,345	33,291	392,836	15,586	4,387,130	197,184
8th	5/5/03 - 11/5/03	385,583	15,079	749,658	24,150	706,411	8,886	655,222	12,421	1,109,838	35,543	387,290	26,793	321,643	16,807	4,295,843	139,679
9th	12/5/03 - 18/5/03	420,676	15,021	507,935	21,407	600,725	17,586	575,747	48,050	1,738,508	37,707	417,875	26,064	326,479	20,184	4,587,943	186,000
10th	19/5/03 - 25/5/03	581,219	13,093	606,272	26,907	603,511	14,488	399,057	32,857	1,526,812	38,879	528,725	26,857	411,964	13,984	4,857,560	160,643
11th	26/5/03 - 31/5/03	802,290	13,214	899,088	25,829	579,660	20,914	334,970	16,764	1,297,620	35,836	611,808	32,650	544,390	16,943	5,369,824	162,150

Remarks :

- HKEC - Use of Surgical Mask commenced in the 1st week
- HKWC - Near stock-out in the cluster store during 1st to 2nd week i.e. less than 2 days' stock of the daily moving consumption
- KCC - Use of Surgical Mask commenced in the 1st week
- KEC - All delivered Surgical Mask issued for immediate use during 1st to 2nd week
- KWC - Use of Surgical Mask commenced in the 1st week
- NTEC - Near stock-out in the cluster store in the 2nd week i.e. less than 2 days' stock of the daily moving consumption
- NTWC - Use of Surgical Mask commenced in the 1st week

190013

**Average Daily Consumption vs Stock Level**

Appendix I (e)

**N95 Respirator - Small (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	140	43	0	0	429	429	0	372	15,503	3,484	41,803	8,725	400	0	58,075	13,053
2nd	24/3/03 - 30/3/03	190	190	0	0	402	400	0	505	20,143	3,700	5,861	8,725	241	36	26,837	13,556
3rd	31/3/03 - 6/4/03	2,910	403	5,000	0	10,350	768	5,248	471	16,561	2,337	19,101	0	5,025	18	84,195	3,992
4th	7/4/03 - 13/4/03	7,976	309	14,147	252	15,041	329	9,703	1,583	16,875	2,582	19,594	1,542	14,043	383	97,379	6,939
5th	14/4/03 - 20/4/03	15,530	358	16,203	318	12,051	349	7,686	1,553	8,025	2,300	15,353	2,803	16,680	600	91,428	8,077
6th	21/4/03 - 27/4/03	15,808	273	17,982	207	13,130	278	10,093	1,999	9,540	1,915	5,622	4,700	14,291	1,243	86,468	10,615
7th	28/4/03 - 4/5/03	13,002	584	18,828	597	10,048	287	7,184	2,009	9,922	2,514	8,914	1,827	7,546	1,889	71,446	9,686
8th	5/5/03 - 11/5/03	8,310	364	12,147	1,097	6,438	820	7,036	1,158	4,286	1,410	3,250	1,083	2,503	740	43,981	6,670
9th	12/5/03 - 18/5/03	5,651	183	9,802	559	5,889	817	7,417	1,691	10,864	1,203	13,165	608	9,260	860	62,049	5,922
10th	19/5/03 - 25/5/03	7,654	114	10,455	772	11,883	800	7,607	2,827	12,518	2,333	25,733	1,186	10,980	1,212	86,509	9,244
11th	26/5/03 - 31/5/03	12,895	323	12,879	220	17,251	359	6,390	861	8,339	2,516	26,334	3,035	8,097	1,212	91,984	8,526

Remarks :

- HKEC
  - Use of N95 Small commenced in the 1st week
  - Near stock-out in the cluster store in the 2nd week i.e. less than 2 days' stock of the daily moving consumption
- HKWC
  - Use of N95 Small commenced in the 4th week
- KCC
  - Use of N95 Small commenced in the 1st week
  - Near stock-out in the cluster store during 1st to 2nd week i.e. less than 2 days' stock of the daily moving consumption
- KEC
  - All delivered N95 small issued for immediate use during 1st to 2nd week
- KWC
  - Use of N95 Small commenced in the 1st week
- NTEC
  - Use of N95 Small commenced in the 1st week
- NTWC
  - Near stock-out in the cluster store in the 2nd and 8th week i.e. less than 2 days' stock of the daily moving consumption
  - Use of N95 Small commenced in the 1st week

190014

**Average Daily Consumption vs Stock Level**

Appendix I (f)

**N95 Respirator - Regular (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	60	23	568	318	3,932	3,079	0	734	508	775	16,127	1,248	9,650	730	31,043	6,907
2nd	24/3/03 - 30/3/03	8,586	2,356	5,740	864	2,946	2,700	0	2,785	5,618	1,402	2,467	1,248	5,074	857	30,431	12,193
3rd	31/3/03 - 6/4/03	16,387	1,125	18,247	719	18,528	711	33,722	2,493	20,926	3,878	1,280	1,500	37,675	800	148,725	11,227
4th	7/4/03 - 13/4/03	24,549	813	27,398	605	23,890	1,012	48,110	4,370	34,043	3,096	14,208	1,160	42,117	1,610	214,314	12,456
5th	14/4/03 - 20/4/03	33,468	568	37,924	618	26,246	1,119	47,770	1,839	28,039	3,285	21,119	369	42,213	1,940	236,777	9,526
6th	21/4/03 - 27/4/03	35,270	413	34,818	1,881	23,170	984	33,154	1,677	25,284	2,339	19,943	31	36,471	1,048	208,108	8,371
7th	28/4/03 - 4/5/03	31,835	444	21,339	1,883	20,701	988	19,109	2,800	11,925	2,353	47,755	5,751	46,681	1,004	199,344	15,020
8th	5/5/03 - 11/5/03	28,695	108	18,046	878	17,188	1,130	21,333	2,459	6,775	1,531	58,125	4,801	20,564	4,662	170,708	15,598
9th	12/5/03 - 18/5/03	30,486	131	17,509	787	12,181	1,100	38,491	1,794	15,091	841	31,488	3,917	13,417	1,449	158,662	9,819
10th	19/5/03 - 25/5/03	45,497	136	48,234	582	30,004	1,178	45,489	4,027	22,359	1,395	29,354	4,264	31,364	1,027	252,301	12,607
11th	26/5/03 - 31/5/03	54,830	228	54,455	888	37,805	437	57,345	790	33,621	1,431	15,220	2,767	38,680	859	291,957	7,398

Remarks :

- HKEC - Use of N95 Regular commenced in the 1st week
- HKWC - Use of N95 Regular commenced in the 1st week
- KCC - Near stock-out in the cluster store in the 1st week i.e. less than 2 days' stock of the daily moving consumption
- KEC - Use of N95 Regular commenced in the 1st week
- KWC - Near stock-out in the cluster store during 1st to 2nd week i.e. less than 2 days' stock of the daily moving consumption
- NTEC - All delivered N95 Regular issued for immediate use during 1st to 2nd week
- NTWC - Use of N95 Regular commenced in the 1st week
- Near stock-out in the cluster store in the 1st week i.e. less than 2 days' stock of the daily moving consumption
- Near stock-out in the cluster store in the 2nd & 3rd week i.e. less than 2 days' stock of the daily moving consumption
- Use of N95 Regular commenced in the 1st week

**190015**

**Average Daily Consumption vs Stock Level**

Appendix 1 (g)

**N100 Mask (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3rd	31/3/03 - 6/4/03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4th	7/4/03 - 13/4/03	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5th	14/4/03 - 20/4/03	0	17	0	0	0	0	0	0	0	0	7,000	0	0	0	7,000	1
6th	21/4/03 - 27/4/03	0	1	0	0	0	0	0	0	0	0	7,780	3	0	0	7,780	20
7th	28/4/03 - 4/5/03	0	0	0	0	0	0	349	107	562	148	9,844	13	143	0	9,787	95
8th	5/5/03 - 11/5/03	0	0	2,057	0	1,400	0	1,781	194	1,393	71	15,171	129	1,438	0	17,520	384
9th	12/5/03 - 18/5/03	2,017	9	2,057	0	1,400	0	2,370	0	2,098	62	15,967	167	1,858	0	24,444	347
10th	19/5/03 - 25/5/03	3,509	9	3,257	0	2,505	129	2,732	320	2,077	145	17,049	126	3,459	0	34,587	727
11th	26/5/03 - 31/5/03	4,840	21	4,857	0	3,379	0	2,974	15	3,098	113	17,481	105	5,818	0	42,247	253

Remarks :

- HKEC - Use of N100 commenced in the 4th week
- All delivered N100 issued for immediate use during 4th to 6th week
- HKWC - Use of N100 commenced in the 6th week
- KCC - Use of N100 commenced in the 6th week
- KEC - All delivered N100 issued for immediate use in the 6th week
- KWC - Use of N100 commenced in the 7th week
- NTEC - Use of N100 commenced in the 4th week
- NTWC - Use of N100 commenced in the 6th week

190016



## Average Daily Consumption vs Stock Level

Appendix I (h)

### Disposable Isolation Gown (Water Repellent) (pc.)

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall	
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption
1st	17/3/03 - 23/3/03	0	0	3,912	336	2,425	2,288	0	0	1,813	710	0	2,845	5,800	180	13,950	6,336
2nd	24/3/03 - 30/3/03	0	1	3,802	487	10,300	4,340	0	0	3,935	2,054	0	2,845	6,094	300	24,131	10,028
3rd	31/3/03 - 6/4/03	7,575	957	9,547	498	21,720	3,829	39,237	1,071	20,957	9,788	11,098	0	3,950	688	114,083	16,809
4th	7/4/03 - 13/4/03	37,823	2,821	16,846	743	13,920	3,864	60,108	0	17,137	10,927	32,957	5,889	43,534	4,043	242,125	28,287
5th	14/4/03 - 20/4/03	47,461	2,656	23,884	1,207	64,743	3,843	25,111	0	53,832	9,989	38,522	10,599	42,337	4,590	293,690	32,864
6th	21/4/03 - 27/4/03	77,887	4,758	70,359	878	112,864	1,973	208,430	0	59,175	1,977	14,807	9,188	28,624	4,670	572,227	23,440
7th	28/4/03 - 4/5/03	113,306	8,947	102,791	974	158,059	5,104	318,187	429	85,050	8,352	147,198	13,241	229,613	4,250	1,134,204	41,297
8th	5/5/03 - 11/5/03	173,824	6,459	123,022	1,153	177,341	10,936	390,134	0	68,938	9,483	254,820	9,554	230,453	2,137	1,388,333	39,701
9th	12/5/03 - 18/5/03	212,337	4,508	115,399	1,735	223,372	9,343	313,488	288	105,243	6,445	287,650	8,267	231,319	2,927	1,488,808	33,508
10th	19/5/03 - 25/5/03	204,883	3,529	99,808	570	258,558	8,568	274,376	714	145,748	4,645	238,002	8,389	248,409	1,099	1,469,792	27,494
11th	26/5/03 - 31/5/03	224,500	4,069	83,743	1,524	280,400	8,553	278,055	0	116,988	4,808	262,816	10,438	238,557	1,418	1,465,038	30,804

**Remarks :**

- HKEC
  - Use of water repellent gown commenced in the 2nd week
  - All delivered water repellent gown issued in the 2nd week for immediate use
- KEC
  - Use of water repellent gown commenced in the 3rd week
  - Hospital requested to use fluid resistant gown in the 4th - 6th, 8th & 11th week
- NTEC
  - All delivered water repellent gown issued in the 1st to 2nd week for immediate use

190017

Average Daily Consumption vs Stock Level

Appendix I (I)

**Disposable Isolation Gown (Fluid Resistant) (pc.)**

Cluster	Week	HKEC		HKWC		KCC		KEC		KWC		NTEC		NTWC		Overall		
		Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	Stock Level	Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	232	800	0	0	0	0	0	0	600	232
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	431	600	0	0	0	0	0	0	600	431
3rd	31/3/03 - 6/4/03	0	0	0	0	0	0	0	984	9,490	301	0	0	0	0	0	9,490	1,265
4th	7/4/03 - 13/4/03	0	0	0	0	0	0	0	4,536	8,354	1,196	0	0	0	0	0	8,354	5,732
5th	14/4/03 - 20/4/03	0	0	0	0	0	0	0	5,193	12,888	2,337	0	0	0	0	0	12,888	7,530
6th	21/4/03 - 27/4/03	0	1,157	17,365	610	24,288	1,314	28,153	8,200	58,788	8,938	27,363	4,457	8,381	1,340	188,318	22,018	
7th	28/4/03 - 4/5/03	4,850	204	44,432	1,788	20,822	1,313	75,098	13,914	41,980	10,600	33,432	10,237	25,341	2,414	245,758	40,449	
8th	5/5/03 - 11/5/03	13,097	1,979	45,470	2,100	28,488	2,284	102,045	12,938	72,712	8,281	83,142	9,075	21,597	3,843	368,549	40,309	
9th	12/5/03 - 18/5/03	26,018	343	42,421	1,329	27,378	2,331	188,751	5,418	125,855	7,873	74,376	6,720	35,884	5,240	500,298	29,052	
10th	19/5/03 - 25/5/03	40,373	488	57,751	985	53,382	2,628	223,291	14,525	218,361	8,584	127,844	8,599	34,881	6,153	755,884	37,920	
11th	26/5/03 - 31/5/03	42,041	501	104,512	415	98,138	1,898	282,145	2,897	288,433	8,111	137,948	21,402	6,228	3,389	945,445	38,722	

Remarks :

HKEC

- Use of fluid resistant gown commenced in the 6th week
- All delivered fluid resistant gown issued in the 6th week for immediate use

HKWC

- Use of fluid resistant gown commenced in the 6th week

KCC

- Use of fluid resistant gown commenced in the 6th week

KEC

- All delivered fluid resistant gown issued for immediate use

KWC

- Use of fluid resistant gown commenced in the 3rd week

NTEC

- Use of fluid resistant gown commenced in the 6th week

NTWC

- Use of fluid resistant gown commenced in the 6th week

190018

## Weekly Supply vs Consumption

Goggles (no.)

Cluster		HKEC			HKWC			KCC						
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption		
1st	17/3/03 - 23/3/03	0	0	0	120		120	0	0		0	0		
2nd	24/3/03 - 30/3/03	0	0	0	0		0	0	0		0	0		
3rd	31/3/03 - 6/4/03	235	235	0	300		300	0	1,300		1,300	0		
4th	7/4/03 - 13/4/03	200	200	215	2,260		2,260	1,875	2,000		2,000	0		
5th	14/4/03 - 20/4/03	150	150	130	2,608		2,608	2,650	0		0	1,500		
6th	21/4/03 - 27/4/03	2,230	2,230	576	0		0	483	7,836		7,836	4,874		
7th	28/4/03 - 4/5/03	666	666	1,910	100		100	1,311	1,799		1,799	2,099		
8th	5/5/03 - 11/5/03	1,850	1,850	1,438	2,000		2,000	1,307	381		381	379		
9th	12/5/03 - 18/5/03	904	904	541	560		560	407	2,291		2,291	443		
10th	19/5/03 - 25/5/03	200	200	295	0		0	320	600	600	1,200	470		
11th	26/5/03 - 31/5/03	950	950	117	500		500	137	1,000	1,250	2,250	230		
<b>TOTAL</b>		<b>7,385</b>	<b>200</b>	<b>7,585</b>	<b>5,222</b>		<b>8,448</b>	<b>0</b>	<b>8,448</b>	<b>8,490</b>	<b>17,207</b>	<b>1,850</b>	<b>19,057</b>	<b>9,995</b>

Cluster		KEC			KWC			NTEC					
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0		0	0	0		0	0	
2nd	24/3/03 - 30/3/03	480	480	596	0		0	60	0		0	0	
3rd	31/3/03 - 6/4/03	0	0	77	0		0	80	0		0	0	
4th	7/4/03 - 13/4/03	2,390	2,390	2,158	0		0	1,846	0		0	0	
5th	14/4/03 - 20/4/03	1,979	1,979	949	1,170		1,170	1,697	0		0	0	
6th	21/4/03 - 27/4/03	2,374	2,374	266	6,461		6,461	2,411	2,680		2,680	120	
7th	28/4/03 - 4/5/03	1,568	1,568	4,316	2,674	521	3,195	4,189	748		748	2,718	
8th	5/5/03 - 11/5/03	1,084	1,400	2,484	1,116	760	760	2,444	96		96	367	
9th	12/5/03 - 18/5/03	9,826	9,826	2,115	357		357	650	2,253		2,253	926	
10th	19/5/03 - 25/5/03	5,672	5,672	5,914	1,730	711	2,441	706	1,000		1,000	904	
11th	26/5/03 - 31/5/03	1,670	1,670	758	150	1,107	1,257	423	0	900	900	14	
<b>TOTAL</b>		<b>27,051</b>	<b>1,400</b>	<b>28,451</b>	<b>18,287</b>	<b>13,302</b>	<b>2,339</b>	<b>15,641</b>	<b>14,506</b>	<b>6,777</b>	<b>900</b>	<b>7,677</b>	<b>5,049</b>

Cluster		NTWC			Cluster Total				HAHO	Overall Total				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	600	600	90	728	0	728	112		728	0	728	112	
2nd	24/3/03 - 30/3/03	317	317	824	797	0	797	1,480		797	0	797	1,480	
3rd	31/3/03 - 6/4/03	400	400	531	2,235	0	2,235	688		2,235	0	2,235	688	
4th	7/4/03 - 13/4/03	2,807	2,807	1,304	9,657	0	9,657	7,398		9,657	0	9,657	7,398	
5th	14/4/03 - 20/4/03	2,448	2,448	2,898	8,355	0	8,355	9,824		8,355	0	8,355	9,824	
6th	21/4/03 - 27/4/03	2,836	2,836	642	24,417	0	24,417	9,372		24,417	0	24,417	9,372	
7th	28/4/03 - 4/5/03	582	582	1,647	8,137	521	8,658	18,190		8,137	521	8,658	18,190	
8th	5/5/03 - 11/5/03	1,323	1,323	2,923	7,494	1,400	8,894	9,974		7,494	1,400	8,894	9,974	
9th	12/5/03 - 18/5/03	700	700	343	16,891	0	16,891	5,425		16,891	0	16,891	5,425	
10th	19/5/03 - 25/5/03	1,400	400	1,800	213	10,602	1,911	12,513	8,822	30	10,602	1,941	12,543	
11th	26/5/03 - 31/5/03	0	900	900	234	4,270	4,157	8,427	1,913		4,270	4,157	8,427	
<b>TOTAL</b>		<b>13,413</b>	<b>1,300</b>	<b>14,713</b>	<b>11,649</b>	<b>93,583</b>	<b>7,989</b>	<b>101,572</b>	<b>73,198</b>	<b>30</b>	<b>93,583</b>	<b>8,019</b>	<b>101,602</b>	<b>73,198</b>

190019

## Weekly Supply vs Consumption

Appendix II (b)

### Eye Shields - Lens (pc.)

Cluster		HKEC				HKWC				KCC			
Week		Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	0		0	0	0		0	0	0		0	0
2nd	24/3/03 - 30/3/03	0		0	0	0		0	0	0		0	0
3rd	31/3/03 - 6/4/03	3,000		3,000	2,952	0		0	0	0		0	0
4th	7/4/03 - 13/4/03	12,800		12,800	5,621	0		0	0	0		0	0
5th	14/4/03 - 20/4/03	21,280		21,280	3,264	20,000		20,000	0	0		0	0
6th	21/4/03 - 27/4/03	3,750	550	4,300	14,156	26,800	650	27,450	4,130	24,000	660	24,660	6,830
7th	28/4/03 - 4/5/03	9,425		9,425	1,312	14,150		14,150	6,337	13,500		13,500	6,839
8th	5/5/03 - 11/5/03	15,825		15,825	671	7,900		7,900	5,004	10,000		10,000	25,440
9th	12/5/03 - 18/5/03	15,250		15,250	16,341	0		0	4,424	10,000		10,000	24,660
10th	19/5/03 - 25/5/03	9,800		9,800	811	7,000		7,000	5,311	25,000		25,000	23,780
11th	26/5/03 - 31/5/03	500	7,500	8,000	2,969	0		0	3,675	25,000	30,000	55,000	9,550
<b>TOTAL</b>		<b>91,630</b>	<b>8,050</b>	<b>99,680</b>	<b>48,097</b>	<b>75,850</b>	<b>650</b>	<b>76,500</b>	<b>28,881</b>	<b>107,500</b>	<b>30,660</b>	<b>138,160</b>	<b>97,099</b>

Cluster		KEC				KWC				NTEC			
Week		Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	0		0	0	0		0	0	8,500		8,500	5,110
2nd	24/3/03 - 30/3/03	0		0	0	0		0	0	8,500		8,500	8,050
3rd	31/3/03 - 6/4/03	0		0	0	0		0	0	0		0	0
4th	7/4/03 - 13/4/03	20,000		20,000	20,000	0		0	0	0		0	14,326
5th	14/4/03 - 20/4/03	34,000		34,000	3,340	26,350		26,350	13,230	19,100		19,100	7,545
6th	21/4/03 - 27/4/03	2,750	490	3,240	5,080	24,000	1,200	25,200	14,635	18,411	800	19,211	22,053
7th	28/4/03 - 4/5/03	11,462		11,462	7,634	30,150		30,150	18,070	3,019		3,019	39,263
8th	5/5/03 - 11/5/03	0		0	26,162	25,902		25,902	22,055	11,400		11,400	23,128
9th	12/5/03 - 18/5/03	38,767		38,767	20,985	58,060		58,060	26,341	10,000		10,000	16,737
10th	19/5/03 - 25/5/03	0		0	9,852	40,190		40,190	31,454	12,000		12,000	18,690
11th	26/5/03 - 31/5/03	7,480	12,500	19,980	16,381	14,000	27,500	41,500	24,069	10,000	22,500	32,500	25,207
<b>TOTAL</b>		<b>114,459</b>	<b>12,990</b>	<b>127,449</b>	<b>109,434</b>	<b>218,652</b>	<b>28,700</b>	<b>247,352</b>	<b>149,854</b>	<b>100,930</b>	<b>23,300</b>	<b>124,230</b>	<b>180,109</b>

Cluster		NTWC				Cluster Total				HAHO	Overall Total			
Week		Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	0		0	0	8,500	0	8,500	5,110		8,500	0	8,500	5,110
2nd	24/3/03 - 30/3/03	0		0	0	8,500	0	8,500	8,050		8,500	0	8,500	8,050
3rd	31/3/03 - 6/4/03	0		0	0	3,000	0	3,000	2,952		3,000	0	3,000	2,952
4th	7/4/03 - 13/4/03	0		0	0	32,800	0	32,800	39,947		32,800	0	32,800	39,947
5th	14/4/03 - 20/4/03	0		0	2,902	120,730	0	120,730	30,281		120,730	0	120,730	30,281
6th	21/4/03 - 27/4/03	33,500	550	34,050	990	133,211	4,900	138,111	67,874		133,211	4,900	138,111	67,874
7th	28/4/03 - 4/5/03	11,500		11,500	2,143	93,206	0	93,206	81,598		93,206	0	93,206	81,598
8th	5/5/03 - 11/5/03	4,000		4,000	1,169	75,027	0	75,027	103,629		75,027	0	75,027	103,629
9th	12/5/03 - 18/5/03	0		0	2,334	132,077	0	132,077	111,822		132,077	0	132,077	111,822
10th	19/5/03 - 25/5/03	0		0	1,609	93,990	0	93,990	91,507		93,990	0	93,990	91,507
11th	26/5/03 - 31/5/03	0		0	1,834	56,980	100,000	156,980	83,685		56,980	100,000	156,980	83,685
<b>TOTAL</b>		<b>49,000</b>	<b>550</b>	<b>49,550</b>	<b>12,981</b>	<b>758,021</b>	<b>104,900</b>	<b>862,921</b>	<b>626,455</b>	<b>0</b>	<b>758,021</b>	<b>104,900</b>	<b>862,921</b>	<b>626,455</b>

190020

## Weekly Supply vs Consumption

### Face Shields (pc.)

Cluster		HKEC			HKWC				KCC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	
2nd	24/3/03 - 30/3/03	360	360	280	0	0	0	0	0	0	0	0	
3rd	31/3/03 - 6/4/03	390	390	83	0	0	0	0	0	0	0	0	
4th	7/4/03 - 13/4/03	665	665	766	72	0	72	51	0	0	0	0	
5th	14/4/03 - 20/4/03	6,556	6,556	3,556	3,813	0	3,813	274	0	0	0	0	
6th	21/4/03 - 27/4/03	5,615	5,615	6,384	4,052	0	4,052	1,845	7,950	0	7,950	3,160	
7th	28/4/03 - 4/5/03	6,168	6,168	3,697	7,515	0	7,515	6,284	7,678	0	7,678	3,007	
8th	5/5/03 - 11/5/03	6,499	6,499	1,153	8,084	0	8,084	3,244	10,435	0	10,435	8,880	
9th	12/5/03 - 18/5/03	16,006	16,006	10,755	24,979	0	24,979	4,981	27,707	0	27,707	8,632	
10th	19/5/03 - 25/5/03	5,085	5,085	3,206	6,084	0	6,084	4,610	12,566	0	12,566	9,293	
11th	26/5/03 - 31/5/03	9,472	9,472	4,053	14,622	0	14,622	2,210	6,740	0	6,740	6,935	
TOTAL		56,816	0	56,816	33,933	69,221	0	69,221	23,499	73,076	0	73,076	39,907

Cluster		KEC			KWC				NTEC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	0	0	0	0	
3rd	31/3/03 - 6/4/03	3,901	3,901	0	0	0	0	0	0	0	0	0	
4th	7/4/03 - 13/4/03	648	648	648	0	0	0	0	48	0	48	900	
5th	14/4/03 - 20/4/03	3,017	3,017	2,832	6,301	0	6,301	5,412	2,828	0	2,828	3,575	
6th	21/4/03 - 27/4/03	4,218	4,218	3,006	14,355	0	14,355	10,735	9,898	0	9,898	7,744	
7th	28/4/03 - 4/5/03	1,703	1,703	790	15,842	0	15,842	13,069	8,110	0	8,110	10,765	
8th	5/5/03 - 11/5/03	5,441	5,441	11,893	10,446	0	10,446	8,742	29,519	0	29,519	13,461	
9th	12/5/03 - 18/5/03	12,316	12,316	10,727	36,924	0	36,924	15,178	30,809	0	30,809	15,388	
10th	19/5/03 - 25/5/03	11,725	11,725	12,459	29,703	0	29,703	21,464	17,028	0	17,028	17,255	
11th	26/5/03 - 31/5/03	18,928	20,000	38,928	16,329	43,912	43,912	24,420	48,245	0	48,245	48,419	
TOTAL		61,897	20,000	81,897	58,684	157,483	0	157,483	99,020	146,485	0	146,485	117,507

Cluster		NTWC			Cluster Total				HAHO	Overall Total				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	0	
2nd	24/3/03 - 30/3/03	0	0	0	360	0	360	280	360	0	360	280	280	
3rd	31/3/03 - 6/4/03	0	0	0	4,291	0	4,291	83	4,291	0	4,291	83	83	
4th	7/4/03 - 13/4/03	0	0	0	1,433	0	1,433	2,365	1,433	0	1,433	2,365	2,365	
5th	14/4/03 - 20/4/03	1,916	1,916	1,952	24,431	0	24,431	17,601	24,431	0	24,431	17,601	17,601	
6th	21/4/03 - 27/4/03	5,918	5,918	7,369	52,006	0	52,006	40,243	52,006	0	52,006	40,243	40,243	
7th	28/4/03 - 4/5/03	7,849	7,849	9,163	54,865	0	54,865	46,775	54,865	0	54,865	46,775	46,775	
8th	5/5/03 - 11/5/03	17,266	17,266	7,355	87,690	0	87,690	54,728	87,690	0	87,690	54,728	54,728	
9th	12/5/03 - 18/5/03	25,225	25,225	8,416	173,966	0	173,966	74,077	173,966	0	173,966	74,077	74,077	
10th	19/5/03 - 25/5/03	16,868	16,868	7,963	99,059	0	99,059	76,250	99,059	0	99,059	76,250	76,250	
11th	26/5/03 - 31/5/03	25,052	25,052	7,294	166,971	20,000	186,971	109,660	166,971	20,000	186,971	109,660	109,660	
TOTAL		100,094	0	100,094	49,512	665,072	20,000	685,072	422,062	0	665,072	20,000	685,072	422,062

190021

## Weekly Supply vs Consumption

Appendix II (d)

### Surgical Mask (pc.)

Cluster		HKEC			HKWC				KCC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	42,050		42,050	43,300		45,000		144,800		255,800	86,800
2nd	24/3/03 - 30/3/03	186,850		186,850	125,750		277,950		322,550		530,000	486,850
3rd	31/3/03 - 6/4/03	126,400		126,400	102,200		350,900		200,800		384,700	372,250
4th	7/4/03 - 13/4/03	203,900		203,900	96,150		386,950		212,450		470,300	113,550
5th	14/4/03 - 20/4/03	103,050	14,800	117,850	100,900		186,800	19,300	206,100		23,750	136,750
6th	21/4/03 - 27/4/03	318,300		318,300	154,550		387,450		188,000		401,100	134,500
7th	28/4/03 - 4/5/03	215,000		215,000	117,850		245,500		184,550		177,000	123,150
8th	5/5/03 - 11/5/03	306,000		306,000	105,550		50,000		169,050		0	62,200
9th	12/5/03 - 18/5/03	333,750		333,750	105,150		250,000		149,850		0	123,100
10th	19/5/03 - 25/5/03	278,500	16,000	294,500	91,650		394,900	16,000	410,900		177,050	101,400
11th	26/5/03 - 31/5/03	473,350	100,000	573,350	92,500		422,500	100,000	522,500		150,000	146,400
<b>TOTAL</b>		<b>2,587,150</b>	<b>130,800</b>	<b>2,717,950</b>	<b>1,135,550</b>		<b>2,997,950</b>	<b>135,300</b>	<b>3,133,250</b>	<b>2,151,950</b>	<b>2,419,700</b>	<b>1,886,950</b>

Cluster		KEC			KWC				NTEC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	66,500		66,500	101,550		172,400		153,650		17,283	198,100
2nd	24/3/03 - 30/3/03	198,500		198,500	146,250		314,250		364,150		17,283	317,100
3rd	31/3/03 - 6/4/03	315,850	6,250	322,100	208,400		573,300	18,750	592,050		0	96,250
4th	7/4/03 - 13/4/03	211,900		211,900	369,150		951,700		309,650		402,450	151,900
5th	14/4/03 - 20/4/03	270,150		270,150	271,550		806,000		265,600		208,900	232,790
6th	21/4/03 - 27/4/03	335,100		335,100	269,550		277,150		536,400	17,300	226,200	239,460
7th	28/4/03 - 4/5/03	174,900		174,900	289,250		178,000		323,350		327,440	233,040
8th	5/5/03 - 11/5/03	369,500		369,500	86,950		1,050,150		248,800		179,240	187,550
9th	12/5/03 - 18/5/03	54,450		54,450	336,350		142,500		263,950		366,700	182,450
10th	19/5/03 - 25/5/03	481,750	13,000	494,750	228,600		45,100	13,000	58,100		290,550	186,600
11th	26/5/03 - 31/5/03	620,550	100,000	720,550	117,350		59,900	100,000	159,900		643,000	228,550
<b>TOTAL</b>		<b>3,099,150</b>	<b>119,250</b>	<b>3,218,400</b>	<b>2,424,950</b>		<b>4,570,450</b>	<b>131,750</b>	<b>4,702,200</b>	<b>3,261,350</b>	<b>2,746,696</b>	<b>2,253,790</b>

Cluster		NTWC			Cluster Total				HAHO		Overall Total			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0		0	107,450		599,033		0	599,033		599,033	835,650	
2nd	24/3/03 - 30/3/03	323,400		323,400	187,800		1,848,233		0	1,848,233		1,848,233	1,950,450	
3rd	31/3/03 - 6/4/03	271,600		271,600	192,700		2,022,750		25,000	2,047,750		2,047,750	1,445,400	
4th	7/4/03 - 13/4/03	516,550		516,550	198,350		3,143,750		0	3,143,750		3,143,750	1,451,200	
5th	14/4/03 - 20/4/03	85,000	9,300	94,300	166,600		1,683,650		75,000	1,758,650		1,758,650	1,384,940	
6th	21/4/03 - 27/4/03	127,900		127,900	211,650		2,140,850		0	2,140,850		2,140,850	1,734,110	
7th	28/4/03 - 4/5/03	181,100		181,100	109,100		1,498,940		0	1,498,940		1,498,940	1,380,290	
8th	5/5/03 - 11/5/03	140,000		140,000	117,650		2,094,890		0	2,094,890		2,094,890	977,750	
9th	12/5/03 - 18/5/03	92,000		92,000	141,150		1,239,400		0	1,239,400		1,239,400	1,302,000	
10th	19/5/03 - 25/5/03	275,500	18,000	293,500	97,750		1,943,350		100,000	2,043,350		2,043,350	1,166,500	
11th	26/5/03 - 31/5/03	109,000	100,000	209,000	118,600		2,328,300		800,000	3,128,300		3,128,300	1,135,050	
<b>TOTAL</b>		<b>2,122,050</b>	<b>127,300</b>	<b>2,249,350</b>	<b>1,648,800</b>		<b>20,543,146</b>	<b>1,000,000</b>	<b>21,543,146</b>	<b>14,763,340</b>	<b>0</b>	<b>20,543,146</b>	<b>1,000,000</b>	<b>21,543,146</b>

190022

## Weekly Supply vs Consumption

### N95 Respirator - Small (pc.)

Cluster		HKEC				HKWC				KCC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	300	0	0	0	0	3,000		3,000	3,000	
2nd	24/3/03 - 30/3/03	6,600	6,600	1,332	0	0	0	0	2,820		2,820	2,800	
3rd	31/3/03 - 6/4/03	5,400	5,400	2,820	7,080		7,080	0	15,690		15,690	5,360	
4th	7/4/03 - 13/4/03	8,940	4,200	13,140	2,160	6,720	4,200	10,920	1,764	15,840	4,200	20,040	2,300
5th	14/4/03 - 20/4/03	5,280		5,280	2,495	2,520		2,520	2,213	2,400		2,400	2,443
6th	21/4/03 - 27/4/03	2,040		2,040	1,910	2,160		2,160	1,452	12,120		12,120	1,943
7th	28/4/03 - 4/5/03	220		220	3,945	600		600	4,182	600		600	2,007
8th	5/5/03 - 11/5/03	1,260		1,260	2,548	1,200		1,200	7,682	6,600		6,600	5,738
9th	12/5/03 - 18/5/03	2,100		2,100	1,280	3,400		3,400	3,910	7,800		7,800	5,720
10th	19/5/03 - 25/5/03	8,100		8,100	800	6,000		6,000	3,405	8,400		8,400	5,600
11th	26/5/03 - 31/5/03	3,140	28,240	31,380	2,260	1,755	28,240	29,995	1,540	3,600	28,360	31,960	2,515
<b>TOTAL</b>		<b>43,080</b>	<b>32,440</b>	<b>75,520</b>	<b>21,850</b>	<b>33,435</b>	<b>32,440</b>	<b>65,875</b>	<b>28,148</b>	<b>78,870</b>	<b>32,560</b>	<b>111,430</b>	<b>39,426</b>

Cluster		KEC				KWC				NTEC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03		1,990	2,605	0		0	24,388	64,220		64,220	61,077	
2nd	24/3/03 - 30/3/03		2,467	3,533	0		0	25,900	64,220		64,220	61,077	
3rd	31/3/03 - 6/4/03		7,309	3,297	0		0	16,359	0		0	0	
4th	7/4/03 - 13/4/03	4,200	11,967	16,167	10,940	18,103	4,200	22,303	17,932	27,240	4,200	31,440	10,797
5th	14/4/03 - 20/4/03		4,954	10,869	10,880		10,880	16,102	13,560		13,560	18,219	
6th	21/4/03 - 27/4/03		28,108	13,995	19,953		19,953	13,406	19,200		19,200	32,901	
7th	28/4/03 - 4/5/03		4,119	14,062	6,068		6,068	17,595	11,530		11,530	12,789	
8th	5/5/03 - 11/5/03		13,916	8,092	11,690		11,690	9,870	4,990		4,990	7,583	
9th	12/5/03 - 18/5/03		4,494	11,837	10,220		10,220	8,424	25,380		25,380	4,261	
10th	19/5/03 - 25/5/03		19,017	19,790	12,343		12,343	16,330	14,136		14,136	8,300	
11th	26/5/03 - 31/5/03	28,360	5,440	33,800	6,028	17,363	28,880	46,243	17,613	11,874	29,280	41,154	21,243
<b>TOTAL</b>		<b>103,781</b>	<b>32,560</b>	<b>136,341</b>	<b>105,048</b>	<b>106,620</b>	<b>33,080</b>	<b>139,700</b>	<b>183,919</b>	<b>256,350</b>	<b>33,480</b>	<b>289,830</b>	<b>238,247</b>

Cluster		NTWC				Cluster Total				HAHO		Overall Total		
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03		0	0	69,210	0	69,210	91,370		69,210	0	69,210	91,370	
2nd	24/3/03 - 30/3/03		0	250	76,107	0	76,107	94,892		76,107	0	76,107	94,892	
3rd	31/3/03 - 6/4/03		6,240	110	41,719	0	41,719	27,946		41,719	0	41,719	27,946	
4th	7/4/03 - 13/4/03	4,200	14,740	18,940	2,680	103,550	29,400	132,950	48,573	600	103,550	30,000	133,550	48,573
5th	14/4/03 - 20/4/03		6,000	4,200	45,594	0	45,594	56,541		45,594	0	45,594	56,541	
6th	21/4/03 - 27/4/03		0	8,700	83,581	0	83,581	74,307		83,581	0	83,581	74,307	
7th	28/4/03 - 4/5/03		1,680	13,220	24,817	0	24,817	67,800		24,817	0	24,817	67,800	
8th	5/5/03 - 11/5/03		9,900	5,180	49,556	0	49,556	46,693		49,556	0	49,556	46,693	
9th	12/5/03 - 18/5/03		9,700	6,020	65,094	0	65,094	41,452		65,094	0	65,094	41,452	
10th	19/5/03 - 25/5/03		8,160	8,486	76,156	0	76,156	64,711		76,156	0	76,156	64,711	
11th	26/5/03 - 31/5/03	28,640	9,660	38,300	8,483	52,832	200,000	252,832	59,682	52,832	200,000	252,832	59,682	
<b>TOTAL</b>		<b>66,080</b>	<b>32,840</b>	<b>98,920</b>	<b>57,329</b>	<b>688,216</b>	<b>229,400</b>	<b>917,616</b>	<b>673,967</b>	<b>600</b>	<b>688,216</b>	<b>230,000</b>	<b>918,216</b>	<b>673,967</b>

190023

## Weekly Supply vs Consumption

Appendix II (f)

### N95 Respirator - Regular (pc.)

Cluster		HKEC				HKWC				KCC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	160	1,300		1,300	2,223	49,080		49,080	21,552	
2nd	24/3/03 - 30/3/03	35,100	4,800	39,900	16,490	18,735	4,800	23,535	6,049	12,000	4,800	16,800	
3rd	31/3/03 - 6/4/03	5,865		5,865	7,875	7,000		7,000	5,033	2,880		2,880	
4th	7/4/03 - 13/4/03	11,860	5,600	17,460	4,292	17,700	5,600	23,300	4,234	3,600	5,600	9,200	
5th	14/4/03 - 20/4/03	10,740		10,740	3,976	4,200		4,200	4,315	6,600		6,600	
6th	21/4/03 - 27/4/03	960		960	2,891	0		0	13,164	160		160	
7th	28/4/03 - 4/5/03	2,640		2,640	3,106	3,920		3,920	11,784	5,960		5,960	
8th	5/5/03 - 11/5/03	5,180		5,180	745	0		0	6,146	400		400	
9th	12/5/03 - 18/5/03	1,060	27,200	28,260	914	1,800	36,800	38,600	5,510	1,800	27,200	29,000	
10th	19/5/03 - 25/5/03	23,110	600	23,710	949	43,310	2,200	45,510	4,076	5,470	2,380	7,850	
11th	26/5/03 - 31/5/03	860		860	1,595	2,505		2,505	6,200	1,225		1,225	
<b>TOTAL</b>		<b>97,375</b>	<b>38,200</b>	<b>135,575</b>	<b>42,993</b>	<b>100,470</b>	<b>49,400</b>	<b>149,870</b>	<b>68,734</b>	<b>89,175</b>	<b>39,980</b>	<b>129,155</b>	

Cluster		KEC				KWC				NTEC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	5,148		5,148	5,140	0	0	5,425	19,000		19,000	8,738	
2nd	24/3/03 - 30/3/03	20,585	4,800	25,385	19,356	49,640	4,800	54,440	9,814	19,000	10,320	29,320	
3rd	31/3/03 - 6/4/03	19,401	960	20,361	17,449	26,564	2,520	29,084	27,149	0		0	
4th	7/4/03 - 13/4/03	69,918	5,600	75,518	30,590	27,690	5,600	33,290	21,672	0	5,800	5,800	
5th	14/4/03 - 20/4/03	15,616		15,616	11,474	19,332		19,332	22,995	0		0	
6th	21/4/03 - 27/4/03	3,000	2,640	5,640	11,740	9,415	2,640	12,055	16,374	0	14,880	14,880	
7th	28/4/03 - 4/5/03	4,691		4,691	19,599	4,238	1,600	5,838	16,469	85,560		85,560	
8th	5/5/03 - 11/5/03	29,831		29,831	17,216	13,020		13,020	10,715	8,874		8,874	
9th	12/5/03 - 18/5/03	4,041	27,200	31,241	12,560	700	27,200	27,900	4,490	3,910	27,200	31,110	
10th	19/5/03 - 25/5/03	47,763	2,200	49,963	28,189	18,782	600	19,382	9,766	36,511	6,000	42,511	
11th	26/5/03 - 31/5/03	3,922		3,922	5,530	19,148		19,148	10,018	210		210	
<b>TOTAL</b>		<b>223,916</b>	<b>43,400</b>	<b>267,316</b>	<b>178,843</b>	<b>188,529</b>	<b>44,960</b>	<b>233,489</b>	<b>154,887</b>	<b>173,065</b>	<b>64,200</b>	<b>237,265</b>	

Cluster		NTWC				Cluster Total				HAHO	Overall Total			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	8,375		8,375	5,110	82,903	0	82,903	48,348		82,903	0	82,903	
2nd	24/3/03 - 30/3/03	8,375	4,800	13,175	6,000	163,435	39,120	202,555	85,348	220	163,435	39,340	202,775	
3rd	31/3/03 - 6/4/03	27,220		27,220	5,600	88,930	3,480	92,410	78,586		88,930	3,480	92,410	
4th	7/4/03 - 13/4/03	13,640	5,600	19,240	11,270	144,408	39,400	183,808	87,192	600	144,408	40,000	184,408	
5th	14/4/03 - 20/4/03	10,160		10,160	13,580	66,648	0	66,648	66,683		66,648	0	66,648	
6th	21/4/03 - 27/4/03	720		720	7,320	14,255	20,160	34,415	58,599		14,255	20,160	34,415	
7th	28/4/03 - 4/5/03	2,240		2,240	7,825	109,249	1,600	110,849	105,137		109,249	1,600	110,849	
8th	5/5/03 - 11/5/03	0		0	12,613	57,305	0	57,305	108,976		57,305	0	57,305	
9th	12/5/03 - 18/5/03	13,400	27,200	40,600	10,140	26,711	200,000	226,711	68,732		26,711	200,000	226,711	
10th	19/5/03 - 25/5/03	29,690	600	30,290	7,190	204,636	14,580	219,216	88,250	1620	204,636	16,200	220,836	
11th	26/5/03 - 31/5/03	770		770	6,015	28,640	0	28,640	51,784		28,640	0	28,640	
<b>TOTAL</b>		<b>114,590</b>	<b>38,200</b>	<b>152,790</b>	<b>111,885</b>	<b>987,120</b>	<b>318,340</b>	<b>1,305,460</b>	<b>847,635</b>	<b>2,440</b>	<b>987,120</b>	<b>320,780</b>	<b>1,307,900</b>	

190024



## Weekly Supply vs Consumption

### N95 Respirator - Regular (pc.)

Cluster		HKEC				HKWC				KCC			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0		0	160		1,300		2,223		49,080		21,552
2nd	24/3/03 - 30/3/03	35,100	4,800	39,900	16,490		18,735	4,800	6,049		12,000	4,800	18,900
3rd	31/3/03 - 6/4/03	5,865		5,865	7,875		7,000		5,033		2,880		4,980
4th	7/4/03 - 13/4/03	11,860	5,600	17,460	4,292		17,700	5,600	4,234		3,600	5,600	7,087
5th	14/4/03 - 20/4/03	10,740		10,740	3,976		4,200		4,315		6,600		7,830
6th	21/4/03 - 27/4/03	960		960	2,891		0		13,164		160		6,890
7th	28/4/03 - 4/5/03	2,640		2,640	3,106		3,920		11,784		5,960		6,900
8th	5/5/03 - 11/5/03	5,180		5,180	745		0		6,146		400		7,910
9th	12/5/03 - 18/5/03	1,060	27,200	28,260	914		1,800	36,800	5,510		1,800	27,200	7,697
10th	19/5/03 - 25/5/03	23,110	600	23,710	949		43,310	2,200	4,076		5,470	2,380	8,230
11th	26/5/03 - 31/5/03	860		860	1,595		2,505		6,200		1,225		3,057
<b>TOTAL</b>		<b>97,375</b>	<b>38,200</b>	<b>135,575</b>	<b>42,993</b>		<b>100,470</b>	<b>49,400</b>	<b>68,734</b>		<b>89,175</b>	<b>39,980</b>	<b>101,033</b>

Cluster		KEC			KWC				NTEC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03		5,148	5,148	5,140		0	0	5,425		19,000		8,738
2nd	24/3/03 - 30/3/03	20,585	4,800	25,385	19,356		49,640	4,800	9,814		19,000	10,320	8,739
3rd	31/3/03 - 6/4/03	19,401	960	20,361	17,449		26,564	2,520	27,149		0		10,500
4th	7/4/03 - 13/4/03	69,918	5,600	75,518	30,590		27,690	5,600	21,672		5,800	5,800	8,047
5th	14/4/03 - 20/4/03	15,616		15,616	11,474		19,332		22,995		0		2,513
6th	21/4/03 - 27/4/03	3,000	2,640	5,640	11,740		9,415	2,640	16,374		0	14,880	220
7th	28/4/03 - 4/5/03	4,691		4,691	19,599		4,238	1,600	16,469		85,560		40,254
8th	5/5/03 - 11/5/03	29,831		29,831	17,216		13,020		10,715		8,874		33,609
9th	12/5/03 - 18/5/03	4,041	27,200	31,241	12,560		700	27,200	4,490		3,910	27,200	27,421
10th	19/5/03 - 25/5/03	47,763	2,200	49,963	28,189		18,782	600	9,766		36,511	6,000	29,850
11th	26/5/03 - 31/5/03	3,922		3,922	5,530		19,148		10,018		210		19,369
<b>TOTAL</b>		<b>223,916</b>	<b>43,400</b>	<b>267,316</b>	<b>178,843</b>		<b>188,529</b>	<b>44,960</b>	<b>154,887</b>		<b>173,065</b>	<b>64,200</b>	<b>189,260</b>

Cluster		NTWC			Cluster Total				HAHO	Overall Total			
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03		8,375	8,375	5,110		82,903			82,903		82,903	48,348
2nd	24/3/03 - 30/3/03	8,375	4,800	13,175	6,000		163,435	39,120	220	163,435	39,340	202,775	85,348
3rd	31/3/03 - 6/4/03	27,220		27,220	5,600		92,410			88,930	3,480	92,410	78,586
4th	7/4/03 - 13/4/03	13,640	5,600	19,240	11,270		144,408	39,400	600	144,408	40,000	184,408	87,192
5th	14/4/03 - 20/4/03	10,160		10,160	13,580		66,648			66,648		66,648	66,683
6th	21/4/03 - 27/4/03	720		720	7,320		20,160			14,255	20,160	34,415	58,599
7th	28/4/03 - 4/5/03	2,240		2,240	7,025		109,249	1,600		109,249	1,600	110,849	105,137
8th	5/5/03 - 11/5/03	0		0	32,635		57,305			57,305		57,305	108,976
9th	12/5/03 - 18/5/03	13,400	27,200	40,600	10,140		26,711	200,000		26,711	200,000	226,711	68,732
10th	19/5/03 - 25/5/03	29,690	600	30,290	7,190		204,636	14,580		204,636	16,200	220,836	88,250
11th	26/5/03 - 31/5/03	770		770	6,015		28,640			28,640		28,640	51,784
<b>TOTAL</b>		<b>114,590</b>	<b>38,200</b>	<b>152,790</b>	<b>111,885</b>		<b>987,120</b>	<b>318,340</b>		<b>1,305,460</b>	<b>2,440</b>	<b>1,307,900</b>	<b>847,635</b>

190025

## Weekly Supply vs Consumption

Appendix II (g)

N100 Masks (pc.)

Cluster		HKEC			HKWC				KCC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	0	0	0	0	
3rd	31/3/03 - 6/4/03	140	140	0	0	0	0	0	0	0	0	0	
4th	7/4/03 - 13/4/03	60	60	10	0	0	0	0	0	0	0	0	
5th	14/4/03 - 20/4/03	0	0	120	0	0	0	0	0	0	0	0	
6th	21/4/03 - 27/4/03	0	0	10	0	0	0	0	0	0	0	0	
7th	28/4/03 - 4/5/03	0	0	0	660	0	660	0	0	0	0	0	
8th	5/5/03 - 11/5/03	2,060	2,060	0	1,400	0	1,400	0	1,400	0	1,400	0	
9th	12/5/03 - 18/5/03	0	0	60	0	0	0	0	0	0	0	0	
10th	19/5/03 - 25/5/03	2,700	2,700	60	2,800	0	2,800	0	2,800	0	2,800	901	
11th	26/5/03 - 31/5/03	0	0	145	0	0	0	0	0	0	0	0	
<b>TOTAL</b>		<b>4,960</b>	<b>0</b>	<b>4,960</b>	<b>405</b>	<b>4,860</b>	<b>0</b>	<b>4,860</b>	<b>0</b>	<b>4,200</b>	<b>0</b>	<b>4,200</b>	<b>901</b>

Cluster		KEC			KWC				NTEC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	0	0	0	0	
3rd	31/3/03 - 6/4/03	0	0	0	0	0	0	0	0	0	0	0	
4th	7/4/03 - 13/4/03	0	0	0	0	0	0	0	0	0	0	0	
5th	14/4/03 - 20/4/03	0	0	0	0	0	0	0	0	0	0	0	
6th	21/4/03 - 27/4/03	569	569	569	0	0	0	0	2,380	0	2,380	20	
7th	28/4/03 - 4/5/03	799	799	750	0	0	0	1,036	1,000	0	1,000	88	
8th	5/5/03 - 11/5/03	1,631	1,631	1,361	1,446	0	1,446	499	5,620	2,260	5,620	900	
9th	12/5/03 - 18/5/03	0	0	0	1,022	0	1,022	437	0	0	0	1,171	
10th	19/5/03 - 25/5/03	2,438	2,438	2,237	1,303	180	1,483	1,013	3,200	0	3,200	880	
11th	26/5/03 - 31/5/03	180	180	103	1,784	0	1,784	792	0	0	0	733	
<b>TOTAL</b>		<b>5,617</b>	<b>0</b>	<b>5,617</b>	<b>5,020</b>	<b>5,555</b>	<b>180</b>	<b>5,735</b>	<b>3,777</b>	<b>14,460</b>	<b>0</b>	<b>14,460</b>	<b>4,362</b>

Cluster		NTWC			Cluster Total				HAHO	Overall Total				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0	0	0	0	0	0	0	0	0	
2nd	24/3/03 - 30/3/03	0	0	0	0	0	0	0	0	0	0	0	0	
3rd	31/3/03 - 6/4/03	0	0	0	140	0	140	0	140	0	140	0	0	
4th	7/4/03 - 13/4/03	0	0	0	60	0	60	10	60	0	60	0	10	
5th	14/4/03 - 20/4/03	0	0	0	2,380	0	2,380	140	2,380	0	2,380	0	140	
6th	21/4/03 - 27/4/03	20,000	20,000	0	21,569	0	21,569	667	21,569	0	21,569	0	667	
7th	28/4/03 - 4/5/03	660	660	2	7,739	0	7,739	2,688	7,739	0	7,739	0	2,688	
8th	5/5/03 - 11/5/03	0	0	0	10,197	0	10,197	2,430	10,197	0	10,197	0	2,430	
9th	12/5/03 - 18/5/03	0	0	0	1,022	0	1,022	1,668	1,022	0	1,022	0	1,668	
10th	19/5/03 - 25/5/03	2,800	2,800	0	18,041	180	18,221	5,091	18,041	180	18,221	0	5,091	
11th	26/5/03 - 31/5/03	0	0	0	1,964	0	1,964	1,773	1,964	0	1,964	0	1,773	
<b>TOTAL</b>		<b>23,460</b>	<b>0</b>	<b>23,460</b>	<b>2</b>	<b>63,112</b>	<b>180</b>	<b>63,292</b>	<b>14,467</b>	<b>0</b>	<b>63,112</b>	<b>180</b>	<b>63,292</b>	<b>14,467</b>

190026

## Weekly Supply vs Consumption

### Disposable Isolation Gown - Water Repellent (pc.)

Cluster		HKEC			HKWC				KCC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	3,740		3,740	2,350	16,980		16,980	16,000	
2nd	24/3/03 - 30/3/03	0	0	9	1,210		1,210	3,411	101,500		101,500	30,380	
3rd	31/3/03 - 6/4/03	0	0	6,700	13,550		13,550	3,485	73,500		73,500	26,800	
4th	7/4/03 - 13/4/03	3,980	3,980	19,745	14,000		14,000	5,198	0		0	27,050	
5th	14/4/03 - 20/4/03	7,320	7,320	18,501	0		0	8,449	0		0	26,900	
6th	21/4/03 - 27/4/03	26,080	26,080	33,290	14,950		14,950	6,133	0		0	13,810	
7th	28/4/03 - 4/5/03	22,900	22,900	62,628	56,400		56,400	6,815	0		0	35,730	
8th	5/5/03 - 11/5/03	52,900	52,900	45,210	0		0	8,070	109,150		109,150	76,550	
9th	12/5/03 - 18/5/03	18,250	18,250	31,540	0		0	12,142	31,650		31,650	65,400	
10th	19/5/03 - 25/5/03	33,100	33,100	24,700	0		0	3,990	0		0	59,978	
11th	26/5/03 - 31/5/03	18,050	41,400	59,450	28,480	41,400	41,400	10,670	0	41,400	41,400	59,870	
<b>TOTAL</b>		<b>182,580</b>	<b>41,400</b>	<b>223,980</b>	<b>270,895</b>	<b>168,950</b>	<b>41,400</b>	<b>210,350</b>	<b>70,713</b>	<b>332,780</b>	<b>41,400</b>	<b>374,180</b>	<b>438,468</b>

Cluster		KEC			KWC				NTEC				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	0	0	0	0		0	4,970	19,500		19,500	19,915	
2nd	24/3/03 - 30/3/03	0	0	0	0		0	14,378	19,500		19,500	19,916	
3rd	31/3/03 - 6/4/03	7,500	7,500	7,500	0		0	68,516	0		0	0	
4th	7/4/03 - 13/4/03	2,500	2,500	0	0		0	76,489	55,500		55,500	41,224	
5th	14/4/03 - 20/4/03	0	0	0	79,665		79,665	69,780	85,200		85,200	74,195	
6th	21/4/03 - 27/4/03	0	0	0	47,300		47,300	13,840	21,350		21,350	64,315	
7th	28/4/03 - 4/5/03	5,000	5,000	3,000	29,340		29,340	58,465	345,500		345,500	92,688	
8th	5/5/03 - 11/5/03	0	0	0	61,281		61,281	66,244	90,100		90,100	66,875	
9th	12/5/03 - 18/5/03	5,000	5,000	2,000	119,800		119,800	45,117	0		0	57,869	
10th	19/5/03 - 25/5/03	0	0	5,000	30,850		30,850	32,517	0		0	58,583	
11th	26/5/03 - 31/5/03	0	41,400	41,400	14,400	41,450	55,850	33,640	10,000	41,500	51,500	73,052	
<b>TOTAL</b>		<b>20,000</b>	<b>41,400</b>	<b>61,400</b>	<b>17,500</b>	<b>382,636</b>	<b>41,450</b>	<b>424,086</b>	<b>483,956</b>	<b>646,650</b>	<b>41,500</b>	<b>688,150</b>	<b>568,632</b>

Cluster		NTWC				Cluster Total				Overall Total				
Week	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption	
1st	17/3/03 - 23/3/03	5,800	5,800	1,120	46,020	0	46,020	44,355		46,020	0	46,020	44,355	
2nd	24/3/03 - 30/3/03	6,700	6,700	2,100	128,910	0	128,910	70,194		128,910	0	128,910	70,194	
3rd	31/3/03 - 6/4/03	0	0	4,660	94,550	0	94,550	117,661		94,550	0	94,550	117,661	
4th	7/4/03 - 13/4/03	85,100	85,100	28,300	161,080	0	161,080	198,006		161,080	0	161,080	198,006	
5th	14/4/03 - 20/4/03	4,000	4,000	32,130	241,285	0	241,285	230,047		241,285	0	241,285	230,047	
6th	21/4/03 - 27/4/03	54,400	54,400	32,690	164,080	0	164,080	164,078		164,080	0	164,080	164,078	
7th	28/4/03 - 4/5/03	113,650	113,650	29,750	572,790	0	572,790	289,076		572,790	0	572,790	289,076	
8th	5/5/03 - 11/5/03	62,550	62,550	14,960	375,981	0	375,981	277,909		375,981	0	375,981	277,909	
9th	12/5/03 - 18/5/03	0	0	20,490	174,700	0	174,700	234,558		174,700	0	174,700	234,558	
10th	19/5/03 - 25/5/03	0	0	7,690	63,950	0	63,950	192,458		63,950	0	63,950	192,458	
11th	26/5/03 - 31/5/03	10,000	41,450	51,450	9,913	290,000	342,450	215,625		52,450	290,000	342,450	215,625	
<b>TOTAL</b>		<b>342,200</b>	<b>41,450</b>	<b>383,650</b>	<b>183,803</b>	<b>2,075,796</b>	<b>290,000</b>	<b>2,365,796</b>	<b>2,033,967</b>	<b>0</b>	<b>2,075,796</b>	<b>290,000</b>	<b>2,365,796</b>	<b>2,033,967</b>

190027

**Weekly Supply vs Consumption**

Appendix II (I)

**Disposable Isolation Gown - Fluid Resistant (pc.)**

Cluster		HKEC				HKWC				KCC			
Week		Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	0		0	0	0		0	0	0		0	0
2nd	24/3/03 - 30/3/03	0		0	0	0		0	0	0		0	0
3rd	31/3/03 - 6/4/03	0		0	0	0		0	0	0		0	0
4th	7/4/03 - 13/4/03	0		0	0	0		0	0	0		0	0
5th	14/4/03 - 20/4/03	0		0	0	0		0	0	0		0	0
6th	21/4/03 - 27/4/03	8,100	3,500	11,600	8,100	16,000	3,500	19,500	4,267	3,500	3,500	7,000	9,200
7th	28/4/03 - 4/5/03	1,000	2,700	3,700	1,428	17,800	2,200	20,000	12,362	25,400	5,200	30,600	9,190
8th	5/5/03 - 11/5/03	33,640		33,640	13,850	14,600		14,600	14,702	22,100		22,100	15,990
9th	12/5/03 - 18/5/03	19,800		19,800	2,404	3,144		3,144	9,301	25,000		25,000	16,320
10th	19/5/03 - 25/5/03	11,950		11,950	3,400	27,750		27,750	6,756	59,500		59,500	18,397
11th	26/5/03 - 31/5/03	35,040	44,200	79,240	3,510	70,000	44,200	114,200	2,903	30,000	44,200	74,200	13,270
<b>TOTAL</b>		<b>109,530</b>	<b>50,400</b>	<b>159,930</b>	<b>32,692</b>	<b>149,294</b>	<b>49,900</b>	<b>199,194</b>	<b>50,291</b>	<b>165,500</b>	<b>52,900</b>	<b>218,400</b>	<b>82,367</b>

Cluster		KEC			KWC				NTEC				
Week		Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	1,250		1,250	1,625	0		0	0	0		0	0
2nd	24/3/03 - 30/3/03	3,000		3,000	3,020	0		0	0	0		0	0
3rd	31/3/03 - 6/4/03	6,710		6,710	6,750	0		0	2,107	0		0	0
4th	7/4/03 - 13/4/03	61,470		61,470	31,755	0		0	8,372	0		0	0
5th	14/4/03 - 20/4/03	57,700		57,700	36,350	0		0	16,359	0		0	0
6th	21/4/03 - 27/4/03	31,100	3,500	34,600	43,400	82,700	3,500	86,200	48,566	66,800	3,500	70,300	31,200
7th	28/4/03 - 4/5/03	160,900		160,900	97,400	50,650	4,100	54,750	74,201	121,900	5,400	127,300	71,662
8th	5/5/03 - 11/5/03	139,900		139,900	90,564	117,550		117,550	58,037	73,800		73,800	63,523
9th	12/5/03 - 18/5/03	18,560		18,560	37,910	107,750		107,750	53,711	72,500		72,500	47,041
10th	19/5/03 - 25/5/03	89,690		89,690	101,677	161,925		161,925	45,950	147,000		147,000	46,191
11th	26/5/03 - 31/5/03	363,968	44,200	408,168	20,978	96,650	44,450	141,100	42,780	134,800	44,500	179,300	149,817
<b>TOTAL</b>		<b>934,248</b>	<b>47,700</b>	<b>981,948</b>	<b>471,429</b>	<b>617,225</b>	<b>52,050</b>	<b>669,275</b>	<b>350,083</b>	<b>616,800</b>	<b>53,400</b>	<b>670,200</b>	<b>409,434</b>

Cluster		NTWC				Cluster Total				HAHO	Overall Total			
Week		Weekly Supply	Donation	Total	Weekly Consumption	Weekly Supply	Donation	Total	Weekly Consumption	Donation	Weekly Supply	Donation	Total	Weekly Consumption
1st	17/3/03 - 23/3/03	0		0	0	1,250	0	1,250	1,625		1,250	0	1,250	1,625
2nd	24/3/03 - 30/3/03	0		0	0	3,000	0	3,000	3,020		3,000	0	3,000	3,020
3rd	31/3/03 - 6/4/03	0		0	0	6,710	0	6,710	8,857		6,710	0	6,710	8,857
4th	7/4/03 - 13/4/03	0		0	0	61,470	0	61,470	40,127		61,470	0	61,470	40,127
5th	14/4/03 - 20/4/03	0		0	0	57,700	0	57,700	52,709		57,700	0	57,700	52,709
6th	21/4/03 - 27/4/03	10,000	3,500	13,500	9,380	218,200	24,500	242,700	154,113	500	218,200	25,000	243,200	154,113
7th	28/4/03 - 4/5/03	43,400	4,900	48,300	16,900	421,050	24,500	445,550	283,143	500	421,050	25,000	446,050	283,143
8th	5/5/03 - 11/5/03	0		0	25,500	401,590	0	401,590	282,166		401,590	0	401,590	282,166
9th	12/5/03 - 18/5/03	73,350		73,350	36,680	320,104	0	320,104	203,367		320,104	0	320,104	203,367
10th	19/5/03 - 25/5/03	45,000		45,000	43,070	542,815	0	542,815	265,441		542,815	0	542,815	265,441
11th	26/5/03 - 31/5/03	30,000	44,250	74,250	23,796	760,458	310,000	1,070,458	257,054		760,458	310,000	1,070,458	257,054
<b>TOTAL</b>		<b>201,750</b>	<b>52,650</b>	<b>254,400</b>	<b>155,326</b>	<b>2,794,347</b>	<b>359,000</b>	<b>3,153,347</b>	<b>1,551,622</b>	<b>1,000</b>	<b>2,794,347</b>	<b>360,000</b>	<b>3,154,347</b>	<b>1,551,622</b>

190028

## Test Result on N95 Respirators

Appendix III

	N95 Model Name	Manufacturer / Supplier	Pass Rate (Female)	Pass Rate (Male)	Bulk Purchase
1	AlphaProtech APT-695	AlphaProtech / Dellason Medical, U.S.A.	0%	0%	x
2	AOSafety N9504CS	AOSafety / Top Advance, U.S.A.	14%	0%	x
3	Proshield BSN TN01-12	Smith and Nephew, Australia	57%	0%	✓
4	Proshield BSN TN01-11 Med	Smith and Nephew, Australia	Not Tested	33%	x
5	Gerson 2737	Gerson, U.S.A.	Not Tested	27%	x
6	K102	3M / Safetech, U.K.	14%	0%	x
7	MHCI 4271 (Gerson 2735S)	Gerson / SI Safety	56%	Not Tested	✓
8	MSA Affinity Plus	MSA / Charter Universe, U.S.A.	Not Tested	0%	x
9	MSA Moldex 1511	MSA / Top Advance, U.S.A.	43%	Not Tested	x
10	NS7210	Northern Safety, U.S.A.	0%	25%	x
11	Protex	Cuxson Gerrard / Foot Specialist, U.K.	Not Tested	0%	x
12	1860S	3M / Safetech, U.S.A.	71%	Not Tested	✓
13	1860	3M / Safetech, U.S.A.	0%	69%	✓
14	8000	3M / Safetech, U.S.A.	14%	33%	x
15	8210	3M / Safetech, U.S.A.	Not Tested	67%	✓
16	8511	3M / Safetech, U.S.A.	20%	91%	x
17	9210 / 1862	3M / Safetech, U.S.A.	72%	67%	✓
18	SH9520	San Huei (Taiwan - but export prohibited)	67%	Not Tested	x
19	Tecnol PFR	Kimberly-Clark / DCH, U.S.A.	0%	30%	✓
20	Tecnol SS	Kimberly-Clark / DCH, U.S.A.	15%	13%	x
21	Tecnol PFR Small	Kimberly-Clark / DCH, U.S.A.	10%	0%	✓
22	Willson 9510	Bacou-Daloz / A&S Technology, France	Not Tested	0%	x
23	Willson 9510S	Bacou-Daloz / A&S Technology, France	14%	Not Tested	x
24	Giko (Small)	A.R. Medicom, China	0.4%	Not Tested	x

190029

**Survey on Actual Mechanism Used in Providing Personal Projective Equipment (PPE) in your Hospital**

To be filled in by Ward Managers

(Please record what really happens in past 4 weeks)

1. Type of ward : \_\_\_\_\_ (e.g. SARS, Non-SARS)
2. General weekly PPE stock level :  Sufficient at 100%  
 Over supply at \_\_\_\_\_ % level  
 Under supply at \_\_\_\_\_ % level
3. Stock level of small N95 daily :  Sufficient without additional effort in controlling demand  
 Sufficient by controlling demand\*  
 Insufficient at \_\_\_\_\_ % level by controlling demand \*
4. \*Please specify methods used :  Fixed issue to staff  
 Locked up and only in-charge controlled the key  
 Locked up and all nurses had access to key  
 Use surgical mask to protect N95

5. The importance of each method in modifying your request from hospital store :

Initial starting stock	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Control chart/league table of all wards/areas	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Data on consumption and stock of your ward	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Meetings with senior administration/supplies colleagues	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Meetings with own frontline staff	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Ward consumption impression	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Ward stock impression	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

(Most important) (Least important)

6. In the past 4 weeks, additional requisition was
  - made and met with
  - made and not met with
  - not made in spite of need
  - not made because OK
7. Any step-up in the standard provision of PPE raised by staff in your ward  Yes  No  
If yes, did you take action  Yes  No  
to whom (in the upstream management) did you first relate the message to  
 DOM  Supplies  HCE  
were you successful in achieving the requested provision  Yes  No  
What were your suggested improvements? \_\_\_\_\_

8. Usefulness of each partner in ensuring supplies in your ward :

SSO/SHA(Supplies)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Infection Control NO	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Other Ward Managers	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
GM(N)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
GM(AS)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

(Most useful) (Least useful)

9. Improvement Areas

\_\_\_\_\_

\_\_\_\_\_

Name : \_\_\_\_\_  
Hospital : \_\_\_\_\_  
Tel/Fax: \_\_\_\_\_  
Date : \_\_\_\_\_

**Survey on Actual Mechanism Used in Providing Personal Projective Equipment (PPE) in your Hospital**

To be filled in by Supplies I/C

(Please record what really happens in past 4 weeks)

1. Supplies Team : Total no. of staff \_\_\_\_\_ (Procurement and warehouse staff within your cluster)  
 No. of seniors \_\_\_\_\_ (SO/HA and above)

2. Projection of this hospital's requirement was made by :  
 (Note : can select more than one)

- Calculation basing on staff no., staff mix, visitors, patient no. and need of each group
- Consumption pattern
- Others : \_\_\_\_\_ (please specify)

3. Three most useful information actually received by your frontline staff in controlling their demand :

- Data on Ward/Department Stock
- Data on Hospital Stock
- Ward Consumption
- Meeting at ward level on staff need
- Guideline for PPE by hospital
- Guideline for PPE by HAHO
- Immediate feedback to staff on cause of breakthrough infection
- Expert advice from infection control team
- Others : \_\_\_\_\_ (please specify)

4. Three most helpful partners in ensuring adequate supplies to your hospital :

- HAHO
- HGC/Management
- Cluster colleagues
- Friends in commercial sector
- Suppliers
- Mass media
- Chinese Government
- Others : \_\_\_\_\_ (please specify)

5. Examples of exceptional steps taken by Supplies Section or Hospital Administration to ensure supply :  
 (Note : can select more than one)

- Additional requests made to HAHO
- Emergency supplies from cluster store
- Emergency supplies from other clusters
- Emergency supplies from vendors arranged by HAHO
- Significant extra source of supplies from outside HAHO
- Delivery team to factory to secure goods
- Others \_\_\_\_\_

6. Response of hospital to mass media complaints on PPE :

- No complaint received
- Complaint received and no action taken by Supplies Section
- Complaint received and the following actions taken by Supplies Section

7. Improvement areas

Name : \_\_\_\_\_  
 Hospital : \_\_\_\_\_  
 Tel/Fax: \_\_\_\_\_  
 Date : \_\_\_\_\_

### Ventilation Modification in HA Hospitals for SARS

Figures in the table represent number of wards, offices, rooms and/or locations undergone improvement.

Cluster	Hospital	Modification of HVAC System to Create Negative Pressure and/or Maximize Fresh Air Intake#		Provision of Air Purifiers with HEPA Filter and/or UV Light	Installation of Room Coolers for Quarters
		Wards	OT		
HKE	PYNEH	9	1		112 nos installed
	CCH		N/A		
	RHTSK	3			10
	SJH				
	TWEH	6 (inside ward) 2 (other units)			
	WCH	NIL	NIL	NIL	NIL
HKW	QMH	4	1		
	DKCH				
	FYKH	2			
	GH				
	MMRC				
	NLI				
	TYH				
	TWH				
KC	QEH	39			
	BH	2			
	BTS				
	HKEH				
	KH	2		2 x air purifiers with UV light only	
	RC				



Cluster	Hospital	Modification of HVAC System to Create Negative Pressure and/or Maximize Fresh Air Intake#		Provision of Air Purifiers with HEPA Filter and/or UV Light	Installation of Room Coolers for Quarters
		Wards	OT		
KE	TKOH	0 - in wards, 4 rooms - in 2 depts			
	UCH	3 (other 8 wards previously installed were resumed normal)  2 X-ray rooms and 1 CT Rm completed (1 AED X-ray Rm and 1 resuscitation Rm will be completed by early June 03)	1		27 nos in PYNEH quarters 14 nos in UCH (Blk K & L)
	HHH				
KW	PMH	41	3	93 sets delivered	53 nos installed
	CMC	9			56 nos to be installed
	KCH	1			
	KWH	25	1	5 sets have been installed in Wards, 60 sets have been delivered and will be installed ASAP.	143 nos have been purchased for NQ
	WTS	13		28 sets have been installed	
	OLM	2 rooms with negative pressure effect			19
	YCH	10	1		147 installed.
NTE	AHNH	6		12 (w/u) delivered and 35 (w/o uv) ordered and to be delivered	
	NDH	3		3 (w/uv) and 7(w/o uv) delivered	